

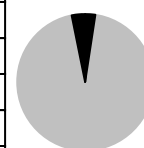
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

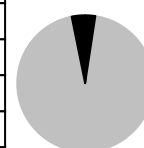
Duty	Config	Sector	Osc Axle	Safety
1aU	ROAD	+/- 10° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-	-
	6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-	-
	5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	3.04	2.61a	-	-
	4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	2.97	2.60	-	-
	3.0	-	8.91b	7.16b	5.96b	5.08b	4.41b	3.88b	2.92a	2.63a	2.87	2.54	2.24	-
	2.0	7.42a	7.01a	7.03b	5.86b	5.01b	4.36b	3.95b	3.25a	3.12	2.76	2.45	2.19	-
	1.0	4.44a	4.65a	5.04a	5.54a	5.54	4.58	3.92	3.41	3.00	2.66	2.38	2.15	-
	0.0	4.16a	4.21a	4.40a	4.76a	5.39	4.47	3.82	3.32	2.93	2.60	2.34	2.12	-
	-1.0	4.18a	4.19a	4.29a	6.10a	5.38	4.44	3.77	3.28	2.89	2.58	2.33	-	-
	-2.0	6.88a	7.18a	7.28b	5.98b	5.43	4.47	3.79	3.29	2.91	2.61	-	-	-
	-3.0	10.00	9.50b	7.51b	6.18b	5.23b	4.53b	3.91	3.43	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1aU	ROAD	+/- 10° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	7.0	-	-	-	5.15a	5.15a	5.06a	4.66a	3.21a	-	-	-	-	-
	6.0	-	-	4.75a	5.08a	5.24a	5.27a	5.04	4.25	3.57	-	-	-	-
	5.0	-	5.37a	5.68a	5.87a	5.96a	5.67r	5.01	4.30	3.64	3.08	2.61a	-	-
	4.0	-	-	8.88r	7.64r	6.73r	5.79b	4.93	4.26	3.65	3.10	2.64	-	-
	3.0	-	9.27b	9.37b	8.42	6.80b	5.68b	4.86	4.22	3.62	3.07	2.63	2.26	-
	2.0	8.08a	10.00	10.00	8.30	6.72b	5.63b	4.83	4.21	3.54	3.01	2.58	2.22	-
	1.0	8.46a	10.00	10.00	8.31	6.73b	5.64b	4.84	4.09	3.43	2.92	2.52	2.17	-
	0.0	9.56a	10.00	10.00	8.38	6.72	5.52	4.65	3.89	3.28	2.81	2.43	2.12	-
	-1.0	10.00	10.00	10.00	8.18	6.48	5.34	4.41	3.69	3.15	2.72	2.36	-	-
	-2.0	10.00	10.00	10.00	8.04	6.34	5.11	4.21	3.53	3.05	2.65	-	-	-
	-3.0	10.00	10.00	10.00	7.74	6.06	4.89	4.07	3.48	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	1 of 108

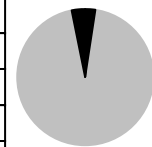
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

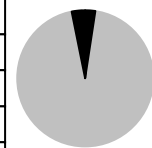
Duty	Config	Sector	Osc Axle	Safety
1aL	ROAD	+/- 10° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	3.17a	2.61a	-
	HEIGHT	4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	3.08a	3.08a	-
	HEIGHT	3.0	-	8.91b	7.16b	5.96b	5.08b	4.41b	3.88b	2.92a	2.63a	2.88a	2.74a	2.68a
	HEIGHT	2.0	7.42a	7.01a	7.03b	5.86b	5.01b	4.36b	3.95b	3.25a	3.27a	2.99a	3.38a	3.18
	HEIGHT	1.0	4.44a	4.65a	5.04a	5.54a	5.56b	5.06r	4.86r	4.10a	3.25a	3.85	2.95a	3.14
	HEIGHT	0.0	4.16a	4.21a	4.40a	4.76a	6.67a	6.12r	5.51	4.80	4.25	3.79	3.42	3.11
	HEIGHT	-1.0	4.18a	4.19a	4.29a	6.10a	6.89b	6.42	5.47	4.76	4.21	3.64a	3.41	-
	HEIGHT	-2.0	6.88a	7.18a	7.28b	5.98b	5.60b	5.30b	4.81b	4.42b	3.91b	3.30b	-	-
	HEIGHT	-3.0	10.00	9.50b	7.51b	6.18b	5.23b	4.53b	4.01b	3.62b	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1aL	ROAD	+/- 10° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.15a	5.15a	5.06a	4.66a	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	5.08a	5.24a	5.27a	5.07a	4.67r	4.18a	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	5.87a	5.96a	5.67r	5.26b	4.92b	4.60r	4.08r	2.61a	-
	HEIGHT	4.0	-	-	8.88r	7.64r	6.73r	6.05r	5.54b	5.11b	4.81b	4.26	3.71	-
	HEIGHT	3.0	-	9.27b	9.37b	9.15b	7.69r	6.66r	5.96b	5.44	4.82	4.24	3.69	3.24
	HEIGHT	2.0	8.08a	10.00	10.00	9.62b	8.47	7.14	6.16	5.40	4.81	4.18	3.65	3.20
	HEIGHT	1.0	8.46a	10.00	10.00	10.00	8.47	7.14	6.16	5.43	4.73	4.09	3.58	3.16
	HEIGHT	0.0	9.56a	10.00	10.00	10.00	8.56	7.22	6.27	5.35	4.59a	4.00	3.51	3.11
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	8.77	7.32	6.11	5.18	4.47	3.89	3.44	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	8.72	7.09	5.91	5.02	4.37	3.62b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	10.00	8.38b	6.77b	5.31b	3.92b	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	2 of 108

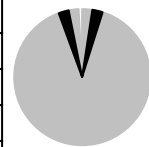
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

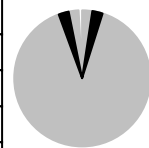
Duty	Config	Sector	Osc Axle	Safety
1bU	ROAD	+/- 10° - +/- 20° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.13	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.99a	5.17a	4.38	3.21a	3.15a	2.75	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	5.81a	5.02	4.22	3.61	2.55a	2.71	2.37	2.06	-
	HEIGHT	4.0	-	-	7.24	5.62	4.70	3.98	3.43	2.99	2.62	2.31	2.04	-
	HEIGHT	3.0	-	8.91b	6.90	5.33	4.27	3.70	3.22	2.83	2.50	2.22	1.99	1.77
	HEIGHT	2.0	7.42a	7.01a	6.39	4.98	4.00	3.43	3.02	2.67	2.38	2.13	1.91	1.72
	HEIGHT	1.0	4.44a	4.65a	5.04a	4.63	3.76	3.24	2.86	2.55	2.28	2.05	1.85	1.68
	HEIGHT	0.0	4.16a	4.21a	4.40a	4.39	3.65	3.15	2.77	2.47	2.21	2.00	1.81	1.66
	HEIGHT	-1.0	4.18a	4.19a	4.29a	4.35	3.64	3.13	2.74	2.43	2.18	1.97	1.80	-
	HEIGHT	-2.0	6.88a	7.18a	5.53	4.42	3.68	3.15	2.75	2.44	2.20	2.00	-	-
	HEIGHT	-3.0	10.00	7.51	5.72	4.59	3.82	3.26	2.85	2.56	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1bU	ROAD	+/- 10° - +/- 20° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.15a	5.15a	4.46a	3.73	3.13	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	5.08a	5.24a	4.52	3.85	3.26	2.77	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	5.87a	5.26	4.48	3.87	3.32	2.83	2.41	2.06	-
	HEIGHT	4.0	-	-	7.56	6.15b	5.14	4.40	3.82	3.33	2.84	2.43	2.08	-
	HEIGHT	3.0	-	9.27b	7.31b	5.97	5.04	4.33	3.78	3.31	2.81	2.41	2.07	1.78
	HEIGHT	2.0	8.08a	9.20	7.19	5.89	4.98	4.29	3.76	3.25	2.75	2.36	2.02	1.75
	HEIGHT	1.0	8.46a	9.09	7.16	5.84	4.89	4.18	3.60	3.11	2.66	2.27	1.97	1.71
	HEIGHT	0.0	9.56a	8.61	6.76	5.54	4.65	3.98	3.45	2.95	2.52	2.18	1.89	1.66
	HEIGHT	-1.0	10.00	8.35	6.53	5.33	4.48	3.84	3.26	2.78	2.41	2.10	1.83	-
	HEIGHT	-2.0	10.00	8.26	6.42	5.23	4.37	3.66	3.09	2.65	2.32	2.03	-	-
	HEIGHT	-3.0	10.00	8.26	6.32	5.02	4.16	3.48	2.98	2.60	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	3 of 108

RATED LIFT CAPACITY CHART

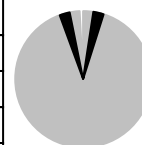
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
1bL	ROAD	+/- 10° - +/- 20° Over Osc End		75%

MINIMUM LOADS

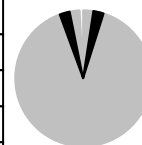
		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-	-
	6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-	-
	5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	3.17a	2.61a	-	-
	4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	3.08a	3.08a	-	-
	3.0	-	8.91b	7.16b	5.96b	5.08b	4.41b	3.88b	2.92a	2.63a	2.88a	2.74a	2.68a	-
	2.0	7.42a	7.01a	7.03b	5.86b	5.01b	4.36b	3.95b	3.25a	3.27a	2.99a	3.22	2.93	-
	1.0	4.44a	4.65a	5.04a	5.54a	5.56b	5.06r	4.78	4.10a	3.25a	3.47	2.95a	2.90	-
	0.0	4.16a	4.21a	4.40a	4.76a	6.15	5.32	4.69	4.19	3.77	3.42	3.12	2.87	-
	-1.0	4.18a	4.19a	4.29a	6.10a	6.14	5.30	4.66	4.15	3.74	3.40	3.11	-	-
	-2.0	6.88a	7.18a	7.28b	5.98b	5.60b	5.30b	4.67	4.16	3.75	3.30b	-	-	-
	-3.0	10.00	9.50b	7.51b	6.18b	5.23b	4.53b	4.01b	3.62b	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1bL	ROAD	+/- 10° - +/- 20° Over Osc End		75%

MAXIMUM LOADS

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.15a	5.15a	5.06a	4.66a	3.21a	-	-	-	-	-
	6.0	-	-	4.75a	5.08a	5.24a	5.27a	5.07a	4.67r	4.18a	-	-	-	-
	5.0	-	5.37a	5.68a	5.87a	5.96a	5.67r	5.26b	4.92b	4.35	3.82	2.61a	-	-
	4.0	-	-	8.88r	7.64r	6.73r	6.05r	5.50	4.87	4.36	3.84	3.38	-	-
	3.0	-	9.27b	9.37b	8.44b	7.15b	6.18	5.43	4.83	4.33	3.81	3.37	2.99	-
	2.0	8.08a	10.00	10.00	8.34	7.07b	6.12	5.40	4.82	4.28	3.77	3.33	2.96	-
	1.0	8.46a	10.00	10.00	8.35	7.07b	6.13	5.42	4.81	4.20	3.69	3.27	2.92	-
	0.0	9.56a	10.00	10.00	8.42	7.11	6.13	5.37	4.67	4.08	3.60	3.20	2.87	-
	-1.0	10.00	10.00	10.00	8.28	6.98	6.01	5.18	4.50	3.96	3.52	3.14	-	-
	-2.0	10.00	10.00	10.00	8.18	6.87	5.83	5.01	4.36	3.88	3.46	-	-	-
	-3.0	10.00	10.00	9.91	7.97	6.66	5.65	4.90	3.92b	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	4 of 108

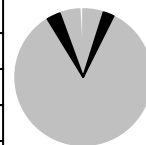
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

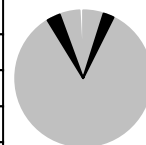
Duty	Config	Sector	Osc Axle	Safety
1cU	ROAD	+/- 20° - +/- 30° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.11a	4.82	3.28a	3.35	2.81	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.99a	4.77	3.97	3.21a	2.86	2.45	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	5.57	4.55	3.81	3.25	2.55a	2.42	2.10	1.81	-
	HEIGHT	4.0	-	-	6.57	5.07	4.23	3.58	3.07	2.67	2.33	2.05	1.80	-
	HEIGHT	3.0	-	8.52	6.23	4.77	3.80	3.29	2.86	2.51	2.21	1.96	1.74	1.54
	HEIGHT	2.0	7.42a	7.01a	5.72	4.43	3.53	3.02	2.66	2.35	2.08	1.87	1.67	1.49
	HEIGHT	1.0	4.44a	4.65a	5.04a	4.08	3.29	2.83	2.50	2.22	1.99	1.78	1.61	1.45
	HEIGHT	0.0	4.16a	4.21a	4.40a	3.84	3.18	2.74	2.41	2.14	1.92	1.73	1.57	1.43
	HEIGHT	-1.0	4.18a	4.19a	4.29a	3.80	3.17	2.72	2.38	2.11	1.89	1.71	1.56	-
	HEIGHT	-2.0	6.88a	6.43	4.86	3.87	3.21	2.75	2.39	2.12	1.90	1.73	-	-
	HEIGHT	-3.0	9.52	6.65	5.05	4.04	3.35	2.85	2.49	2.24	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1cU	ROAD	+/- 20° - +/- 30° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.15a	4.90	4.06	3.37	2.81	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	5.08a	4.88	4.12	3.49	2.94	2.47	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	5.78	4.79	4.07	3.50	3.00	2.54	2.14	1.81	-
	HEIGHT	4.0	-	-	6.91	5.60	4.67	3.99	3.46	3.02	2.55	2.16	1.83	-
	HEIGHT	3.0	-	8.59	6.68	5.44	4.57	3.92	3.42	2.99	2.53	2.15	1.83	1.55
	HEIGHT	2.0	8.08a	8.45	6.57	5.36	4.51	3.88	3.40	2.92	2.46	2.09	1.78	1.52
	HEIGHT	1.0	8.46a	8.26	6.49	5.29	4.42	3.78	3.24	2.79	2.37	2.00	1.73	1.48
	HEIGHT	0.0	9.56a	7.75	6.08	4.99	4.18	3.57	3.09	2.62	2.23	1.91	1.65	1.43
	HEIGHT	-1.0	10.00	7.49	5.86	4.78	4.01	3.43	2.90	2.46	2.11	1.83	1.59	-
	HEIGHT	-2.0	10.00	7.40	5.74	4.68	3.90	3.25	2.73	2.32	2.03	1.77	-	-
	HEIGHT	-3.0	10.00	7.40	5.65	4.47	3.69	3.08	2.62	2.27	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	5 of 108

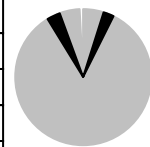
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

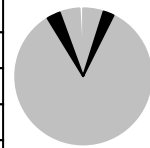
Duty	Config	Sector	Osc Axle	Safety
1cL	ROAD	+/- 20° - +/- 30° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	3.17a	2.61a	-
	HEIGHT	4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	3.08a	2.94	-
	HEIGHT	3.0	-	8.91b	7.16b	5.96b	5.08b	4.41b	3.88b	2.92a	2.63a	2.88a	2.74a	2.60
	HEIGHT	2.0	7.42a	7.01a	7.03b	5.86b	5.01b	4.36b	3.95b	3.25a	3.27a	2.99a	2.81	2.55
	HEIGHT	1.0	4.44a	4.65a	5.04a	5.54a	5.48	4.73	4.18	3.73	3.25a	3.03	2.75	2.52
	HEIGHT	0.0	4.16a	4.21a	4.40a	4.76a	5.36	4.64	4.09	3.65	3.28	2.97	2.71	2.49
	HEIGHT	-1.0	4.18a	4.19a	4.29a	6.10a	5.35	4.62	4.06	3.61	3.25	2.95	2.70	-
	HEIGHT	-2.0	6.88a	7.18a	7.28b	5.98b	5.40	4.64	4.07	3.62	3.27	2.98	-	-
	HEIGHT	-3.0	10.00	9.50b	7.51b	6.18b	5.23b	4.53b	4.01b	3.62b	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1cL	ROAD	+/- 20° - +/- 30° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.15a	5.15a	5.06a	4.66a	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	5.08a	5.24a	5.27a	5.07a	4.42	3.83	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	5.87a	5.96a	5.67r	5.05	4.45	3.88	3.38	2.61a	-
	HEIGHT	4.0	-	-	8.88r	7.64r	6.63	5.71	4.98	4.41	3.89	3.40	2.98	-
	HEIGHT	3.0	-	9.27b	9.37	7.69	6.50	5.60	4.93	4.38	3.87	3.38	2.96	2.61
	HEIGHT	2.0	8.08a	10.00	9.26b	7.60	6.43	5.56	4.90	4.38	3.81	3.32	2.92	2.58
	HEIGHT	1.0	8.46a	10.00	9.28b	7.60	6.44	5.57	4.90	4.27	3.71	3.25	2.87	2.54
	HEIGHT	0.0	9.56a	10.00	9.22	7.57	6.37	5.47	4.77	4.13	3.59	3.15	2.79	2.49
	HEIGHT	-1.0	10.00	10.00	9.00	7.35	6.19	5.33	4.58	3.96	3.47	3.08	2.73	-
	HEIGHT	-2.0	10.00	10.00	8.88	7.25	6.09	5.15	4.41	3.83	3.39	3.01	-	-
	HEIGHT	-3.0	10.00	10.00	8.79	7.04	5.88	4.97	4.29	3.78	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	6 of 108

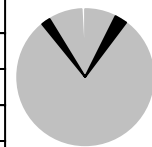
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

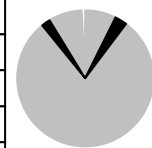
Duty	Config	Sector	Osc Axle	Safety
1dU	ROAD	+/- 30° - +/- 40° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.82	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.75	3.94	3.28a	2.81	2.37	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.68	3.89	3.29	2.80	2.41	2.08	-	-	-
	HEIGHT	5.0	-	5.36a	5.42	4.44	3.70	3.15	2.71	2.35	2.05	1.79	1.54	-
	HEIGHT	4.0	-	-	5.06	4.01	3.42	2.94	2.55	2.24	1.97	1.73	1.53	-
	HEIGHT	3.0	-	6.26	4.78	3.76	3.05	2.69	2.37	2.09	1.86	1.65	1.47	1.31
	HEIGHT	2.0	7.42a	5.71	4.36	3.47	2.82	2.45	2.18	1.95	1.74	1.57	1.41	1.26
	HEIGHT	1.0	4.44a	4.65a	3.95	3.17	2.61	2.28	2.04	1.84	1.65	1.49	1.35	1.23
	HEIGHT	0.0	4.16a	4.21a	3.67	2.97	2.51	2.20	1.96	1.76	1.59	1.44	1.31	1.20
	HEIGHT	-1.0	4.18a	4.19a	3.57	2.94	2.50	2.18	1.93	1.73	1.56	1.42	1.30	-
	HEIGHT	-2.0	6.15	4.62	3.65	3.00	2.54	2.21	1.95	1.74	1.58	1.45	-	-
	HEIGHT	-3.0	6.35	4.80	3.81	3.14	2.66	2.30	2.04	1.85	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1dU	ROAD	+/- 30° - +/- 40° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.67	3.82	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.78	4.00	3.37	2.82	2.37	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.74	3.99	3.42	2.94	2.48	2.10	-	-	-
	HEIGHT	5.0	-	5.37a	5.57	4.62	3.91	3.37	2.94	2.54	2.16	1.82	1.54	-
	HEIGHT	4.0	-	-	5.34	4.46	3.81	3.31	2.90	2.56	2.17	1.84	1.56	-
	HEIGHT	3.0	-	6.31	5.15	4.33	3.72	3.24	2.87	2.54	2.15	1.83	1.55	1.32
	HEIGHT	2.0	7.97	6.20	5.06	4.26	3.67	3.21	2.85	2.47	2.09	1.78	1.51	1.29
	HEIGHT	1.0	7.62	6.06	4.99	4.20	3.59	3.12	2.71	2.34	2.00	1.69	1.46	1.25
	HEIGHT	0.0	7.20	5.66	4.66	3.95	3.39	2.94	2.57	2.20	1.87	1.61	1.39	1.20
	HEIGHT	-1.0	6.99	5.45	4.48	3.77	3.23	2.81	2.40	2.05	1.77	1.54	1.33	-
	HEIGHT	-2.0	6.96	5.38	4.38	3.68	3.14	2.65	2.25	1.93	1.69	1.48	-	-
	HEIGHT	-3.0	7.07	5.38	4.30	3.50	2.95	2.50	2.15	1.88	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	7 of 108

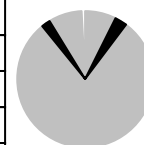
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

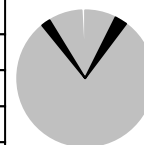
Duty	Config	Sector	Osc Axle	Safety
1dL	ROAD	+/- 30° - +/- 40° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	3.17a	2.61a	-
	HEIGHT	4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	3.08a	2.86	-
	HEIGHT	3.0	-	8.91b	7.16b	5.96b	5.08b	4.41b	3.88b	2.92a	2.63a	2.88a	2.74a	2.53
	HEIGHT	2.0	7.42a	7.01a	7.03b	5.86b	5.01b	4.36b	3.95b	3.25a	3.27a	2.99a	2.73	2.48
	HEIGHT	1.0	4.44a	4.65a	5.04a	5.54a	5.32	4.60	4.06	3.62	3.25a	2.94	2.67	2.44
	HEIGHT	0.0	4.16a	4.21a	4.40a	4.76a	5.21	4.50	3.97	3.54	3.19	2.88	2.63	2.42
	HEIGHT	-1.0	4.18a	4.19a	4.29a	6.10a	5.20	4.48	3.94	3.50	3.16	2.86	2.62	-
	HEIGHT	-2.0	6.88a	7.18a	7.28b	5.98b	5.24	4.51	3.95	3.52	3.17	2.89	-	-
	HEIGHT	-3.0	10.00	9.50b	7.51b	6.18b	5.23b	4.53b	4.01b	3.62b	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1dL	ROAD	+/- 30° - +/- 40° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.15a	5.15a	5.06a	4.66a	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	5.08a	5.24a	5.27a	4.98a	4.31	3.73	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	5.87a	5.96a	5.67r	4.94	4.36	3.78	3.29	2.61a	-
	HEIGHT	4.0	-	-	8.88r	7.64r	6.49	5.59	4.88	4.32b	3.80	3.31	2.90	-
	HEIGHT	3.0	-	9.27b	9.17	7.53	6.36	5.50	4.82	4.28	3.77	3.29	2.88	2.54
	HEIGHT	2.0	8.08a	10.00	9.07	7.44	6.30	5.46	4.80	4.29	3.71	3.23	2.84	2.51
	HEIGHT	1.0	8.46a	10.00	9.09	7.44	6.30	5.47	4.80	4.16	3.61	3.16	2.79	2.46
	HEIGHT	0.0	9.56a	10.00	9.00	7.38	6.22	5.34	4.65	4.02	3.49	3.06	2.71	2.42
	HEIGHT	-1.0	10.00	10.00	8.77	7.17	6.04	5.20	4.46	3.85	3.38	2.99	2.65	-
	HEIGHT	-2.0	10.00	10.00	8.66	7.07	5.93	5.01	4.29	3.72	3.29	2.92	-	-
	HEIGHT	-3.0	10.00	10.00	8.56	6.86	5.72	4.84	4.18	3.67	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	8 of 108

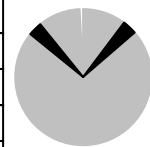
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

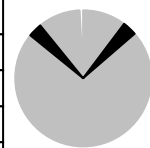
Duty	Config	Sector	Osc Axle	Safety
1eU	ROAD	+/- 40° - +/- 50° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	7.0	-	-	-	5.11a	4.19	3.28a	2.87	2.38	-	-	-	-	-
	6.0	-	-	4.75a	4.99a	4.14	3.43	2.87	2.43	2.06	-	-	-	-
	5.0	-	5.36a	5.65a	4.83	3.93	3.27	2.77	2.36	2.03	1.75	1.48	-	-
	4.0	-	-	5.67	4.33	3.60	3.03	2.59	2.24	1.94	1.69	1.47	-	-
	3.0	-	7.37	5.33	4.03	3.18	2.75	2.38	2.08	1.82	1.60	1.41	1.24	-
	2.0	7.42a	6.67	4.82	3.69	2.91	2.48	2.18	1.92	1.70	1.51	1.34	1.19	-
	1.0	4.44a	4.65a	4.33	3.34	2.66	2.29	2.02	1.79	1.60	1.43	1.28	1.15	-
	0.0	4.16a	4.21a	3.98	3.10	2.55	2.20	1.93	1.71	1.53	1.37	1.24	1.13	-
	-1.0	4.18a	4.19a	3.86	3.06	2.54	2.18	1.90	1.68	1.50	1.35	1.23	-	-
	-2.0	6.88a	5.28	3.96	3.13	2.59	2.20	1.91	1.69	1.51	1.38	-	-	-
	-3.0	7.93	5.51	4.15	3.30	2.72	2.31	2.01	1.81	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1eU	ROAD	+/- 40° - +/- 50° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.09	4.06	-	-	-	-	-	-	-
	7.0	-	-	-	5.15a	4.27	3.51	2.89	2.38	-	-	-	-	-
	6.0	-	-	4.75a	5.08a	4.26	3.57	3.02	2.51	2.08	-	-	-	-
	5.0	-	5.37a	5.68a	5.04	4.17	3.52	3.02	2.57	2.15	1.79	1.48	-	-
	4.0	-	-	6.01	4.86	4.05	3.45	2.98	2.59	2.16	1.81	1.51	-	-
	3.0	-	7.45	5.79	4.70	3.94	3.38	2.94	2.57	2.14	1.79	1.50	1.25	-
	2.0	8.08a	7.30	5.67	4.62	3.88	3.34	2.92	2.49	2.07	1.74	1.45	1.22	-
	1.0	8.46a	7.11	5.59	4.55	3.80	3.23	2.76	2.36	1.98	1.64	1.40	1.17	-
	0.0	9.10	6.60	5.18	4.25	3.56	3.03	2.61	2.19	1.84	1.55	1.32	1.13	-
	-1.0	8.82	6.34	4.96	4.04	3.38	2.89	2.42	2.03	1.72	1.48	1.26	-	-
	-2.0	8.77	6.25	4.85	3.94	3.27	2.70	2.25	1.89	1.64	1.41	-	-	-
	-3.0	8.93	6.26	4.75	3.73	3.06	2.53	2.14	1.84	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	9 of 108

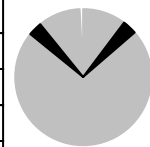
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

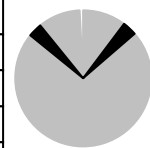
Duty	Config	Sector	Osc Axle	Safety
1eL	ROAD	+/- 40° - +/- 50° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-	-
	6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-	-
	5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	2.99	2.61a	-	-
	4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	2.93	2.61	-	-
	3.0	-	8.91b	7.16b	5.96b	5.08b	4.41b	3.88b	2.92a	2.63a	2.84	2.56	2.30	-
	2.0	7.42a	7.01a	7.03b	5.86b	5.01b	4.36b	3.86	3.25a	3.06	2.75	2.49	2.25	-
	1.0	4.44a	4.65a	5.04a	5.54a	4.85	4.19	3.70	3.30	2.96	2.67	2.43	2.21	-
	0.0	4.16a	4.21a	4.40a	4.76a	4.74	4.10	3.61	3.22	2.89	2.62	2.39	2.19	-
	-1.0	4.18a	4.19a	4.29a	5.64	4.73	4.08	3.58	3.18	2.86	2.60	2.38	-	-
	-2.0	6.88a	7.18a	7.10	5.71	4.77	4.10	3.59	3.20	2.88	2.62	-	-	-
	-3.0	10.00	9.50b	7.29	5.88	4.91	4.21	3.69	3.31	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1eL	ROAD	+/- 40° - +/- 50° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	7.0	-	-	-	5.15a	5.15a	5.06a	4.56	3.21a	-	-	-	-	-
	6.0	-	-	4.75a	5.08a	5.24a	5.27a	4.66	4.00	3.44	-	-	-	-
	5.0	-	5.37a	5.68a	5.87a	5.96a	5.33	4.62	4.05	3.50	3.03	2.61a	-	-
	4.0	-	-	8.84	7.26	6.09	5.24	4.57	4.03	3.51	3.05	2.65	-	-
	3.0	-	9.27b	8.62	7.06	5.97	5.15	4.51	4.01	3.48	3.02	2.64	2.31	-
	2.0	8.08a	10.00	8.51	6.98	5.90	5.11b	4.49	3.96	3.42	2.98	2.60	2.28	-
	1.0	8.46a	10.00	8.52	6.98	5.91	5.11	4.44	3.86	3.32	2.89	2.54	2.24	-
	0.0	9.56a	10.00	8.32	6.83	5.75	4.93	4.29	3.70	3.20	2.80	2.47	2.19	-
	-1.0	10.00	10.00	8.10	6.62	5.57	4.79	4.10	3.53	3.09	2.72	2.40	-	-
	-2.0	10.00	10.00	7.99	6.52	5.46	4.60	3.93	3.40	3.00	2.66	-	-	-
	-3.0	10.00	10.00	7.89	6.31	5.25	4.43	3.82	3.35	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	10 of 108

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

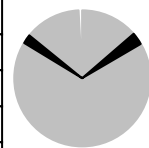
Duty	Config	Sector	Osc Axle	Safety
1fU	ROAD	+/- 50° - +/- 60° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.90	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.02	4.04	3.28a	2.75	2.27	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.93	3.98	3.29	2.75	2.32	1.97	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	4.65	3.77	3.13	2.65	2.25	1.93	1.66	1.40	-
	HEIGHT	4.0	-	-	5.45	4.14	3.45	2.90	2.47	2.13	1.84	1.60	1.39	-
	HEIGHT	3.0	-	7.08	5.11	3.85	3.02	2.61	2.26	1.97	1.72	1.51	1.33	1.16
	HEIGHT	2.0	7.42a	6.39	4.60	3.50	2.75	2.34	2.06	1.81	1.60	1.42	1.26	1.11
	HEIGHT	1.0	4.44a	4.65a	4.10	3.15	2.51	2.15	1.90	1.69	1.50	1.34	1.20	1.07
	HEIGHT	0.0	4.16a	4.21a	3.76	2.91	2.39	2.06	1.81	1.60	1.43	1.28	1.16	1.05
	HEIGHT	-1.0	4.18a	4.19a	3.63	2.88	2.39	2.04	1.78	1.57	1.40	1.26	1.15	-
	HEIGHT	-2.0	6.88a	4.99	3.73	2.95	2.43	2.07	1.79	1.58	1.42	1.29	-	-
	HEIGHT	-3.0	7.54	5.22	3.93	3.11	2.56	2.17	1.89	1.70	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1fU	ROAD	+/- 50° - +/- 60° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.92	3.91	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.05	4.11	3.38	2.77	2.27	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	5.00	4.10	3.44	2.90	2.40	1.99	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	4.85	4.01	3.39	2.90	2.47	2.05	1.70	1.40	-
	HEIGHT	4.0	-	-	5.79	4.67	3.89	3.31	2.86	2.48	2.06	1.72	1.42	-
	HEIGHT	3.0	-	7.16	5.56	4.52	3.78	3.24	2.82	2.46	2.05	1.70	1.42	1.17
	HEIGHT	2.0	8.08a	7.01	5.44	4.43	3.72	3.20	2.80	2.39	1.97	1.65	1.37	1.14
	HEIGHT	1.0	8.46a	6.83	5.36	4.37	3.64	3.10	2.64	2.25	1.88	1.56	1.32	1.10
	HEIGHT	0.0	8.70	6.32	4.96	4.07	3.40	2.89	2.49	2.08	1.74	1.46	1.24	1.05
	HEIGHT	-1.0	8.42	6.05	4.74	3.86	3.22	2.75	2.30	1.92	1.63	1.39	1.18	-
	HEIGHT	-2.0	8.37	5.97	4.62	3.75	3.12	2.57	2.13	1.78	1.54	1.32	-	-
	HEIGHT	-3.0	8.54	5.97	4.53	3.54	2.91	2.40	2.02	1.74	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	11 of 108

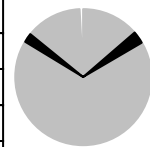
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

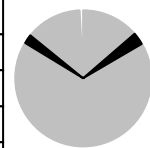
Duty	Config	Sector	Osc Axle	Safety
1fL	ROAD	+/- 50° - +/- 60° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
		7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-
		6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-
		5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	2.90	2.55	-
		4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	2.84	2.53	-
		3.0	-	8.91b	7.16b	5.96b	5.08b	4.41b	3.88b	2.92a	2.63a	2.75	2.48	2.22
		2.0	7.42a	7.01a	7.03b	5.86b	4.94	4.24	3.74	3.25a	2.96	2.67	2.40	2.17
		1.0	4.44a	4.65a	5.04a	5.54a	4.69	4.05	3.58	3.19	2.86	2.58	2.34	2.14
		0.0	4.16a	4.21a	4.40a	4.76a	4.58	3.96	3.49	3.11	2.80	2.53	2.30	2.11
		-1.0	4.18a	4.19a	4.29a	5.46	4.57	3.94	3.46	3.07	2.77	2.51	2.29	-
		-2.0	6.88a	7.18a	6.87	5.52	4.62	3.97	3.47	3.09	2.78	2.53	-	-
		-3.0	10.00	9.23	7.07	5.69	4.75	4.07	3.57	3.20	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1fL	ROAD	+/- 50° - +/- 60° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
		7.0	-	-	-	5.15a	5.15a	5.06a	4.44a	3.21a	-	-	-	-
		6.0	-	-	4.75a	5.08a	5.24a	5.25a	4.54	3.89	3.35	-	-	-
		5.0	-	5.37a	5.68a	5.87a	5.96a	5.20	4.52b	3.95	3.41a	2.94	2.55	-
		4.0	-	-	8.69	7.09	5.96	5.11	4.46	3.95b	3.42	2.96	2.57	-
		3.0	-	9.27b	8.45	6.92	5.83b	5.03	4.41	3.92b	3.40	2.93	2.56	2.24
		2.0	8.08a	10.00	8.33b	6.84	5.77	4.99	4.39	3.87	3.32	2.89	2.51	2.20
		1.0	8.46a	10.00	8.34b	6.84	5.77	5.00	4.32	3.75	3.24	2.80	2.46	2.16
		0.0	9.56a	10.00	8.10	6.64	5.59	4.79	4.17	3.59	3.10	2.71	2.38	2.11
		-1.0	10.00	10.00	7.88	6.43	5.41	4.65	3.98	3.42	2.99	2.63	2.32	-
		-2.0	10.00	9.98	7.76	6.33	5.30	4.47	3.81	3.29	2.90	2.57	-	-
		-3.0	10.00	9.98	7.67	6.12	5.09	4.30	3.69	3.24	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	12 of 108

RATED LIFT CAPACITY CHART

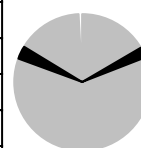
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
1gU	ROAD	+/- 60° - +/- 70° Over Osc End		75%

MINIMUM LOADS

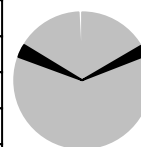
RADIUS														
	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
HEIGHT	8.0	-	-	5.51a	4.24a	3.74	-	-	-	-	-	-	-	
	7.0	-	-	-	4.83	3.88	3.18	2.63	2.16	-	-	-	-	
	6.0	-	-	4.75a	4.74	3.83	3.15	2.63	2.21	1.87	-	-	-	
	5.0	-	5.36a	5.65a	4.46	3.61	3.00	2.53	2.15	1.83	1.57	1.32	-	-
	4.0	-	-	5.22	3.96	3.29	2.76	2.35	2.02	1.75	1.51	1.30	-	-
	3.0	-	6.80	4.88	3.66	2.86	2.47	2.14	1.86	1.63	1.42	1.25	1.08	-
	2.0	7.42a	6.10	4.37	3.32	2.59	2.20	1.94	1.70	1.50	1.33	1.18	1.04	-
	1.0	4.44a	4.65a	3.88	2.97	2.35	2.02	1.78	1.58	1.40	1.25	1.11	1.00	-
	0.0	4.16a	4.21a	3.53	2.73	2.24	1.92	1.69	1.50	1.34	1.19	1.07	0.97	-
	-1.0	4.18a	4.19a	3.41	2.69	2.23	1.90	1.66	1.46	1.31	1.17	1.07	-	-
-2.0	6.86	4.70	3.51	2.76	2.27	1.93	1.67	1.47	1.32	1.20	-	-	-	
-3.0	7.14	4.93	3.70	2.93	2.41	2.04	1.77	1.59	-	-	-	-	-	
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
1gU	ROAD	+/- 60° - +/- 70° Over Osc End		75%

MAXIMUM LOADS

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
HEIGHT	8.0	-	-	5.51a	4.73	3.75	-	-	-	-	-	-	-	-
	7.0	-	-	-	4.86	3.96	3.24	2.65	2.16	-	-	-	-	-
	6.0	-	-	4.75a	4.81	3.94	3.30	2.78	2.29	1.89	-	-	-	-
	5.0	-	5.37a	5.68a	4.67	3.85	3.25	2.78	2.36	1.95	1.61	1.32	-	-
	4.0	-	-	5.56	4.49	3.73	3.17	2.74	2.37	1.97	1.63	1.34	-	-
	3.0	-	6.87	5.33	4.33	3.63	3.10	2.70	2.35	1.95	1.61	1.33	1.10	-
	2.0	8.08a	6.72	5.22	4.25	3.57	3.07	2.68	2.28	1.88	1.56	1.28	1.06	-
	1.0	8.46a	6.54	5.14	4.18	3.48	2.96	2.52	2.14	1.78	1.47	1.23	1.02	-
	0.0	8.30	6.03	4.73	3.88	3.24	2.76	2.37	1.98	1.64	1.37	1.16	0.97	-
	-1.0	8.02	5.77	4.51	3.67	3.07	2.62	2.18	1.81	1.53	1.30	1.09	-	-
-2.0	7.97	5.68	4.40	3.57	2.96	2.43	2.01	1.68	1.44	1.23	-	-	-	
-3.0	8.14	5.68	4.30	3.36	2.75	2.26	1.89	1.63	-	-	-	-	-	
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	13 of 108

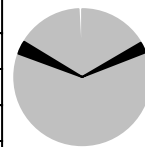
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

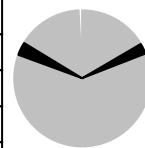
Duty	Config	Sector	Osc Axle	Safety
1gL	ROAD	+/- 60° - +/- 70° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	2.81	2.46	-
	HEIGHT	4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	2.76	2.45	-
	HEIGHT	3.0	-	8.91b	7.16b	5.96b	5.05	4.37	3.82	2.92a	2.63a	2.67	2.39	2.15
	HEIGHT	2.0	7.42a	7.01a	7.03b	5.86b	4.78	4.11	3.62	3.21	2.86	2.58	2.32	2.10
	HEIGHT	1.0	4.44a	4.65a	5.04a	5.54a	4.54	3.92	3.46	3.08	2.76	2.49	2.26	2.06
	HEIGHT	0.0	4.16a	4.21a	4.40a	4.76a	4.42	3.82	3.37	3.00	2.70	2.44	2.22	2.04
	HEIGHT	-1.0	4.18a	4.19a	4.29a	5.27	4.42	3.80	3.33	2.97	2.67	2.42	2.21	-
	HEIGHT	-2.0	6.88a	7.18a	6.65	5.34	4.46	3.83	3.35	2.98	2.68	2.44	-	-
	HEIGHT	-3.0	10.00	8.94	6.84	5.51	4.60	3.94	3.45	3.10	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1gL	ROAD	+/- 60° - +/- 70° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.15a	5.15a	5.06a	4.32	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	5.08a	5.24a	5.15	4.43	3.79	3.25	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	5.87a	5.93a	5.09b	4.41	3.84	3.31	2.85	2.46	-
	HEIGHT	4.0	-	-	8.49	6.93	5.82	4.99	4.36	3.85	3.32	2.87	2.49	-
	HEIGHT	3.0	-	9.27b	8.25	6.76	5.71	4.91	4.31b	3.83	3.30	2.86	2.48	2.16
	HEIGHT	2.0	8.08a	10.00	8.14	6.67	5.65	4.87	4.29b	3.76	3.24	2.80	2.43	2.13
	HEIGHT	1.0	8.46a	10.00	8.15	6.67	5.65	4.86	4.20	3.64	3.14	2.71	2.38	2.08
	HEIGHT	0.0	9.56a	10.00	7.87	6.46	5.43	4.66	4.05	3.48	3.00	2.62	2.30	2.04
	HEIGHT	-1.0	10.00	9.78	7.65	6.25	5.26	4.52	3.86	3.31	2.89	2.54	2.24	-
	HEIGHT	-2.0	10.00	9.69	7.54	6.15	5.15	4.33	3.69	3.18	2.80	2.48	-	-
	HEIGHT	-3.0	10.00	9.69	7.44	5.94	4.94	4.16	3.57	3.13	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	14 of 108

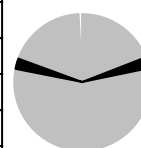
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

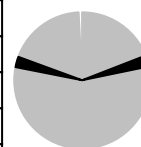
Duty	Config	Sector	Osc Axle	Safety
1hU	ROAD	+/- 70° - +/- 80° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.74	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.83	3.88	3.18	2.63	2.16	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.74	3.83	3.15	2.63	2.21	1.87	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	4.46	3.61	3.00	2.53	2.15	1.83	1.57	1.32	-
	HEIGHT	4.0	-	-	5.22	3.96	3.29	2.76	2.35	2.02	1.75	1.51	1.30	-
	HEIGHT	3.0	-	6.79	4.88	3.66	2.86	2.47	2.14	1.86	1.63	1.42	1.25	1.08
	HEIGHT	2.0	7.42a	6.10	4.37	3.32	2.59	2.20	1.94	1.70	1.50	1.33	1.18	1.04
	HEIGHT	1.0	4.44a	4.65a	3.88	2.97	2.35	2.02	1.78	1.58	1.40	1.25	1.11	1.00
	HEIGHT	0.0	4.16a	4.21a	3.53	2.73	2.23	1.92	1.69	1.50	1.34	1.19	1.07	0.97
	HEIGHT	-1.0	4.18a	4.19a	3.41	2.69	2.23	1.90	1.65	1.46	1.31	1.17	1.06	-
	HEIGHT	-2.0	6.86	4.70	3.51	2.76	2.27	1.93	1.67	1.47	1.32	1.20	-	-
	HEIGHT	-3.0	7.14	4.93	3.70	2.93	2.41	2.04	1.77	1.59	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1hU	ROAD	+/- 70° - +/- 80° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.73	3.75	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.86	3.96	3.24	2.65	2.16	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.81	3.94	3.30	2.77	2.29	1.89	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	4.67	3.85	3.25	2.78	2.36	1.95	1.61	1.32	-
	HEIGHT	4.0	-	-	5.56	4.49	3.73	3.17	2.74	2.37	1.97	1.63	1.34	-
	HEIGHT	3.0	-	6.87	5.33	4.33	3.63	3.10	2.70	2.35	1.95	1.61	1.33	1.10
	HEIGHT	2.0	8.08a	6.72	5.22	4.25	3.57	3.07	2.68	2.28	1.88	1.56	1.28	1.06
	HEIGHT	1.0	8.46a	6.54	5.14	4.18	3.48	2.96	2.52	2.14	1.78	1.47	1.23	1.02
	HEIGHT	0.0	8.30	6.03	4.73	3.88	3.24	2.75	2.37	1.98	1.64	1.37	1.16	0.97
	HEIGHT	-1.0	8.02	5.77	4.51	3.67	3.07	2.62	2.18	1.81	1.53	1.30	1.09	-
	HEIGHT	-2.0	7.97	5.68	4.39	3.57	2.96	2.43	2.01	1.68	1.44	1.23	-	-
	HEIGHT	-3.0	8.13	5.68	4.30	3.36	2.75	2.26	1.89	1.63	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	15 of 108

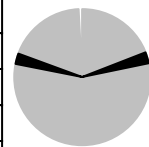
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

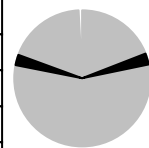
Duty	Config	Sector	Osc Axle	Safety
1hL	ROAD	+/- 70° - +/- 80° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.51a	4.24a	3.99a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.11a	4.99a	3.28a	3.47a	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	4.99a	5.17a	4.65b	3.21a	3.15a	3.06a	-	-	-
	HEIGHT	5.0	-	5.36a	5.65a	5.81a	5.35b	4.59b	3.98b	2.55a	2.86a	2.81	2.47	-
	HEIGHT	4.0	-	-	7.43b	6.15b	5.21b	4.49b	3.93b	3.03a	3.06a	2.76	2.45	-
	HEIGHT	3.0	-	8.91b	7.16b	5.96b	5.05	4.37	3.82	2.92a	2.63a	2.67	2.40	2.15
	HEIGHT	2.0	7.42a	7.01a	7.03b	5.86b	4.78	4.11	3.62	3.21	2.86	2.58	2.32	2.10
	HEIGHT	1.0	4.44a	4.65a	5.04a	5.54a	4.54	3.92	3.46	3.08	2.76	2.49	2.26	2.06
	HEIGHT	0.0	4.16a	4.21a	4.40a	4.76a	4.43	3.83	3.37	3.00	2.70	2.44	2.22	2.04
	HEIGHT	-1.0	4.18a	4.19a	4.29a	5.27	4.42	3.80	3.34	2.97	2.67	2.42	2.21	-
	HEIGHT	-2.0	6.88a	7.18a	6.65	5.34	4.46	3.83	3.35	2.98	2.68	2.44	-	-
	HEIGHT	-3.0	10.00	8.94	6.84	5.51	4.60	3.94	3.45	3.10	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1hL	ROAD	+/- 70° - +/- 80° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.51a	5.24a	4.59a	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.15a	5.15a	5.06a	4.32	3.21a	-	-	-	-
	HEIGHT	6.0	-	-	4.75a	5.08a	5.24a	5.16	4.43	3.79	3.25	-	-	-
	HEIGHT	5.0	-	5.37a	5.68a	5.87a	5.93a	5.09b	4.42	3.84	3.31	2.86	2.47	-
	HEIGHT	4.0	-	-	8.50	6.93	5.83	4.99	4.36	3.85	3.32	2.87	2.49	-
	HEIGHT	3.0	-	9.27b	8.25	6.76	5.71	4.91	4.31b	3.83	3.30	2.86	2.48	2.16
	HEIGHT	2.0	8.08a	10.00	8.14	6.67	5.65	4.87	4.29b	3.77	3.24	2.80	2.43	2.13
	HEIGHT	1.0	8.46a	10.00	8.15	6.68	5.65	4.86	4.20	3.65	3.15	2.71	2.38	2.08
	HEIGHT	0.0	9.56a	10.00	7.87	6.46	5.43	4.66	4.05	3.48	3.00	2.62	2.30	2.04
	HEIGHT	-1.0	10.00	9.78	7.65	6.25	5.26	4.52	3.86	3.32	2.89	2.54	2.24	-
	HEIGHT	-2.0	10.00	9.69	7.54	6.15	5.15	4.33	3.69	3.18	2.80	2.48	-	-
	HEIGHT	-3.0	10.00	9.69	7.44	5.94	4.94	4.16	3.58	3.13	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	16 of 108

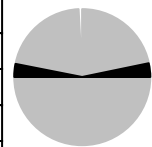
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

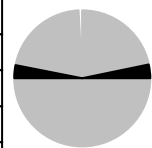
Duty	Config	Sector	Osc Axle	Safety
1iU	ROAD	+/- 80° - +/- 90° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.32	3.19a	2.85	-	-	-	-	-	-
	6.0	-	-	-	4.96a	4.28	3.49	2.89	2.40	2.01	-	-	-	-
	5.0	-	4.91a	5.28a	5.13	4.09	3.35	2.79	2.35	2.00	1.69	-	-	-
	4.0	-	8.87	6.16	4.62	3.75	3.10	2.61	2.22	1.91	1.64	1.41	-	-
	3.0	-	8.42	5.78	4.23	3.31	2.79	2.39	2.06	1.79	1.55	1.35	1.17	-
	2.0	-	7.61	5.24	3.87	2.97	2.48	2.16	1.88	1.65	1.46	1.28	1.12	-
	1.0	4.69a	4.88a	4.65	3.46	2.69	2.28	1.99	1.74	1.54	1.36	1.21	1.08	-
	0.0	4.14a	4.28a	4.20	3.17	2.53	2.16	1.87	1.65	1.46	1.30	1.16	1.05	-
	-1.0	4.16a	4.18a	4.01	3.08	2.51	2.12	1.83	1.60	1.42	1.27	1.15	-	-
	-2.0	6.29a	5.73	4.09	3.14	2.55	2.14	1.83	1.60	1.42	1.29	-	-	-
	-3.0	9.36	5.97	4.29	3.31	2.67	2.23	1.91	1.68	-	-	-	-	-
	-4.0	10.00	6.52	4.73	3.70	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1iU	ROAD	+/- 80° - +/- 90° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	4.40	3.53	2.86	-	-	-	-	-	-
	6.0	-	-	-	5.05a	4.41	3.64	3.01	2.46	2.02	-	-	-	-
	5.0	-	4.94a	5.34a	5.33	4.32	3.59	3.04	2.54	2.10	1.72	-	-	-
	4.0	-	8.87	6.54	5.14	4.19	3.51	3.00	2.57	2.12	1.75	1.44	-	-
	3.0	-	8.42	6.26	4.95	4.07	3.43	2.95	2.56	2.10	1.73	1.43	1.18	-
	2.0	-	8.20	6.10	4.84	3.99	3.38	2.93	2.49	2.05	1.68	1.40	1.15	-
	1.0	8.52a	8.14	6.07	4.82	3.94	3.31	2.79	2.36	1.94	1.61	1.33	1.10	-
	0.0	9.13a	7.45	5.62	4.46	3.67	3.09	2.64	2.20	1.80	1.50	1.26	1.06	-
	-1.0	10.00	7.11	5.31	4.21	3.48	2.92	2.45	2.00	1.66	1.40	1.19	-	-
	-2.0	10.00	6.93	5.17	4.08	3.36	2.70	2.22	1.87	1.57	1.33	-	-	-
	-3.0	10.00	6.96	5.06	3.86	3.12	2.53	2.10	1.78	-	-	-	-	-
	-4.0	10.00	6.76	4.87	3.75	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	17 of 108

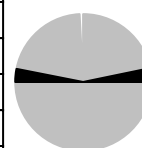
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

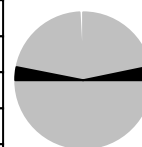
Duty	Config	Sector	Osc Axle	Safety
1iL	ROAD	+/- 80° - +/- 90° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-	-
		7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
		6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
		5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.94	-	-	-
		4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.56	-	-
		3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.17	2.81	2.50	2.23	-
		2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	2.71	2.43	2.19	-
		1.0	4.69a	4.88a	5.31a	5.79a	4.99	4.25	3.71	3.28	2.92	2.62	2.36	2.14	-
		0.0	4.14a	4.28a	4.46a	4.90a	4.83	4.13	3.60	3.18	2.84	2.55	2.31	2.11	-
		-1.0	4.16a	4.18a	4.28a	5.70a	4.81	4.09	3.55	3.13	2.80	2.52	2.30	-	-
		-2.0	6.29a	6.50a	7.15a	5.90	4.85	4.11	3.56	3.14	2.80	2.54	-	-	-
		-3.0	10.00	9.44b	7.46b	6.07	4.97	4.20	3.63	3.22	-	-	-	-	-
		-4.0	10.00	9.95b	7.90b	6.46	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1iL	ROAD	+/- 80° - +/- 90° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	5.21a	4.69	3.99	3.39	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.71a	5.45	4.69	4.05	3.47	2.97	-	-	-
	4.0	-	9.38b	8.62r	7.44r	6.31	5.35	4.63	4.05	3.48	3.00	2.59	-	-
	3.0	-	8.96b	9.23	7.42	6.16b	5.26	4.56b	4.02	3.47	2.98	2.58	2.24	-
	2.0	-	10.00	9.08	7.30	6.07	5.20	4.53b	3.99	3.41	2.94	2.55	2.21	-
	1.0	8.52a	10.00	9.08	7.29	6.06	5.21	4.52	3.87	3.32	2.87	2.49	2.17	-
	0.0	9.13a	10.00	9.04	7.22	5.97	5.07	4.36	3.73	3.18	2.76	2.41	2.12	-
	-1.0	10.00	10.00	8.76	6.97	5.78	4.90	4.18	3.54	3.04	2.66	2.34	-	-
	-2.0	10.00	10.00	8.63	6.84	5.66	4.67	3.94	3.41	2.95	2.58	-	-	-
	-3.0	10.00	10.00	8.51	6.63	5.42	4.50	3.83	3.32	-	-	-	-	-
	-4.0	10.00	10.00	8.32	6.51	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	18 of 108

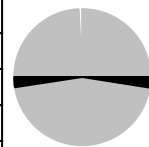
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

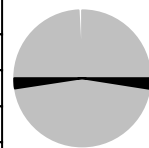
Duty	Config	Sector	Osc Axle	Safety
1jU	ROAD	+/- 90° - +/- 100° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.17a	4.32	3.19a	2.85	-	-	-	-	-
	HEIGHT	6.0	-	-	-	4.96a	4.28	3.49	2.89	2.40	2.01	-	-	-
	HEIGHT	5.0	-	4.91a	5.28a	5.13	4.09	3.35	2.79	2.35	2.00	1.69	-	-
	HEIGHT	4.0	-	8.87	6.16	4.62	3.75	3.10	2.61	2.22	1.91	1.64	1.41	-
	HEIGHT	3.0	-	8.42	5.78	4.23	3.31	2.79	2.39	2.06	1.79	1.55	1.35	1.17
	HEIGHT	2.0	-	7.61	5.25	3.87	2.97	2.48	2.16	1.88	1.65	1.46	1.28	1.12
	HEIGHT	1.0	4.69a	4.88a	4.65	3.46	2.69	2.28	1.99	1.74	1.54	1.36	1.21	1.08
	HEIGHT	0.0	4.14a	4.28a	4.20	3.17	2.53	2.16	1.87	1.65	1.46	1.30	1.16	1.05
	HEIGHT	-1.0	4.16a	4.18a	4.01	3.08	2.51	2.12	1.83	1.60	1.42	1.27	1.15	-
	HEIGHT	-2.0	6.29a	5.73	4.09	3.14	2.55	2.14	1.83	1.61	1.42	1.29	-	-
	HEIGHT	-3.0	9.36	5.97	4.29	3.31	2.67	2.23	1.91	1.68	-	-	-	-
	HEIGHT	-4.0	10.00	6.52	4.73	3.70	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1jU	ROAD	+/- 90° - +/- 100° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.19a	4.40	3.53	2.86	-	-	-	-	-
	HEIGHT	6.0	-	-	-	5.05a	4.41	3.64	3.01	2.46	2.02	-	-	-
	HEIGHT	5.0	-	4.94a	5.34a	5.34	4.32	3.59	3.04	2.54	2.10	1.72	-	-
	HEIGHT	4.0	-	8.87	6.54	5.14	4.19	3.51	3.00	2.57	2.12	1.75	1.44	-
	HEIGHT	3.0	-	8.42	6.26	4.95	4.07	3.43	2.95	2.56	2.10	1.73	1.43	1.18
	HEIGHT	2.0	-	8.20	6.10	4.84	3.99	3.38	2.93	2.49	2.05	1.68	1.40	1.15
	HEIGHT	1.0	8.52a	8.14	6.07	4.82	3.94	3.31	2.79	2.36	1.94	1.61	1.34	1.10
	HEIGHT	0.0	9.13a	7.46	5.62	4.46	3.67	3.10	2.64	2.20	1.80	1.50	1.26	1.06
	HEIGHT	-1.0	10.00	7.12	5.31	4.21	3.48	2.92	2.45	2.00	1.66	1.40	1.19	-
	HEIGHT	-2.0	10.00	6.93	5.17	4.08	3.36	2.70	2.22	1.87	1.57	1.33	-	-
	HEIGHT	-3.0	10.00	6.96	5.06	3.86	3.12	2.53	2.10	1.78	-	-	-	-
	HEIGHT	-4.0	10.00	6.76	4.87	3.75	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	19 of 108

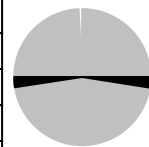
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

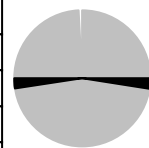
Duty	Config	Sector	Osc Axle	Safety
1jL	ROAD	+/- 90° - +/- 100° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
		7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-
		6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-
		5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-
		4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-
		3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.08	2.75	2.46
		2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	2.98	2.68	2.41
		1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.67	4.08	3.61	3.21	2.89	2.61	2.37
		0.0	4.14a	4.28a	4.46a	4.90a	5.32	4.56	3.97	3.51	3.14	2.82	2.56	2.34
		-1.0	4.16a	4.18a	4.28a	5.70a	5.30	4.51	3.92	3.46	3.10	2.79	2.55	-
		-2.0	6.29a	6.50a	7.15a	6.17b	5.34	4.53	3.93	3.47	3.10	2.81	-	-
		-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.55	-	-	-	-
		-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1jL	ROAD	+/- 90° - +/- 100° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
		7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-
		6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.31	3.69	-	-	-
		5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.01	4.37	3.76	3.24	-	-
		4.0	-	9.38b	8.62r	7.44r	6.61r	5.72	4.95	4.33	3.78	3.27	2.83	-
		3.0	-	8.96b	9.29b	7.89	6.57	5.61	4.88	4.30	3.75	3.25	2.83	2.47
		2.0	-	10.00	9.66	7.77	6.48	5.55b	4.84b	4.29	3.69	3.20	2.78	2.44
		1.0	8.52a	10.00	9.67	7.76	6.47	5.55b	4.85r	4.20	3.61	3.12	2.73	2.39
		0.0	9.13a	10.00	9.72	7.77	6.46	5.49	4.73	4.03	3.47	3.03	2.66	2.35
		-1.0	10.00	10.00	9.50	7.56	6.27	5.32	4.55	3.87	3.34	2.93	2.59	-
		-2.0	10.00	10.00	9.37	7.44	6.15	5.09	4.32	3.74	3.25	2.85	-	-
		-3.0	10.00	10.00	9.25	7.22	5.91	4.93	4.20	3.65	-	-	-	-
		-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	20 of 108

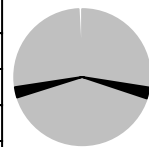
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

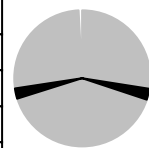
Duty	Config	Sector	Osc Axle	Safety
1kU	ROAD	+/- 100° - +/- 110° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.17a	4.65	3.19a	3.10	-	-	-	-	-
	HEIGHT	6.0	-	-	-	4.96a	4.61	3.77	3.13	2.62	2.20	-	-	-
	HEIGHT	5.0	-	4.91a	5.28a	5.53	4.42	3.64	3.04	2.57	2.19	1.87	-	-
	HEIGHT	4.0	-	9.38b	6.66	5.02	4.08	3.38	2.86	2.44	2.10	1.82	1.57	-
	HEIGHT	3.0	-	8.96b	6.27	4.63	3.64	3.07	2.64	2.28	1.99	1.73	1.52	1.32
	HEIGHT	2.0	-	7.92a	5.74	4.26	3.30	2.77	2.41	2.10	1.85	1.64	1.45	1.28
	HEIGHT	1.0	4.69a	4.88a	5.15	3.86	3.02	2.56	2.23	1.96	1.74	1.54	1.38	1.23
	HEIGHT	0.0	4.14a	4.28a	4.46a	3.56	2.86	2.44	2.12	1.87	1.66	1.48	1.33	1.20
	HEIGHT	-1.0	4.16a	4.18a	4.28a	3.48	2.84	2.40	2.07	1.82	1.62	1.45	1.32	-
	HEIGHT	-2.0	6.29a	6.39	4.59	3.54	2.88	2.42	2.08	1.83	1.62	1.47	-	-
	HEIGHT	-3.0	10.00	6.63	4.79	3.70	3.00	2.51	2.16	1.90	-	-	-	-
	HEIGHT	-4.0	10.00	7.18	5.23	4.10	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1kU	ROAD	+/- 100° - +/- 110° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.19a	4.73	3.82	3.10	-	-	-	-	-
	HEIGHT	6.0	-	-	-	5.05a	4.74	3.92	3.25	2.69	2.22	-	-	-
	HEIGHT	5.0	-	4.94a	5.34a	5.58a	4.65	3.88	3.29	2.76	2.29	1.90	-	-
	HEIGHT	4.0	-	9.38b	7.04	5.53	4.52	3.80	3.25	2.79	2.32	1.93	1.61	-
	HEIGHT	3.0	-	8.96b	6.76	5.35	4.40	3.71	3.20	2.77	2.30	1.91	1.59	1.33
	HEIGHT	2.0	-	8.82	6.60	5.24	4.32	3.67	3.18	2.71	2.25	1.86	1.56	1.30
	HEIGHT	1.0	8.52a	8.72	6.57	5.21	4.27	3.59	3.04	2.58	2.13	1.79	1.50	1.26
	HEIGHT	0.0	9.13a	8.12	6.11	4.86	4.00	3.38	2.88	2.42	2.00	1.68	1.43	1.21
	HEIGHT	-1.0	10.00	7.78	5.80	4.60	3.81	3.21	2.70	2.22	1.86	1.58	1.36	-
	HEIGHT	-2.0	10.00	7.59	5.67	4.48	3.69	2.98	2.47	2.09	1.77	1.51	-	-
	HEIGHT	-3.0	10.00	7.62	5.55	4.26	3.45	2.82	2.35	2.00	-	-	-	-
	HEIGHT	-4.0	10.00	7.42	5.36	4.14	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	21 of 108

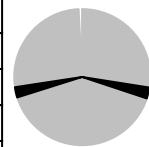
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

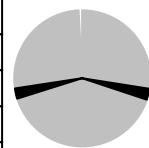
Duty	Config	Sector	Osc Axle	Safety
1kL	ROAD	+/- 100° - +/- 110° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-
	HEIGHT	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-
	HEIGHT	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-
	HEIGHT	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-
	HEIGHT	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.17	2.83	2.53
	HEIGHT	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.07	2.76	2.49
	HEIGHT	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.81	4.20	3.71	3.31	2.98	2.69	2.45
	HEIGHT	0.0	4.14a	4.28a	4.46a	4.90a	5.48	4.70	4.09	3.62	3.24	2.91	2.64	2.41
	HEIGHT	-1.0	4.16a	4.18a	4.28a	5.70a	5.47	4.65	4.04	3.57	3.20	2.88	2.63	-
	HEIGHT	-2.0	6.29a	6.50a	7.15a	6.17b	5.50	4.67	4.05	3.58	3.20	2.90	-	-
	HEIGHT	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-
	HEIGHT	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1kL	ROAD	+/- 100° - +/- 110° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-
	HEIGHT	6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.41	3.78	-	-	-
	HEIGHT	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.12b	4.47	3.85	3.33	-	-
	HEIGHT	4.0	-	9.38b	8.62r	7.44r	6.61r	5.83	5.04	4.43	3.87	3.36	2.91	-
	HEIGHT	3.0	-	8.96b	9.29b	8.06	6.71	5.72	4.97	4.39	3.85	3.33	2.91	2.54
	HEIGHT	2.0	-	10.00	9.87b	7.94	6.62	5.66	4.94	4.38	3.79	3.29	2.86	2.51
	HEIGHT	1.0	8.52a	10.00	9.87b	7.93	6.61	5.66	4.96	4.31	3.69	3.20	2.81	2.47
	HEIGHT	0.0	9.13a	10.00	9.93	7.94	6.60	5.63	4.85	4.14	3.57	3.11	2.74	2.42
	HEIGHT	-1.0	10.00	10.00	9.74	7.76	6.43	5.46	4.67	3.98	3.44	3.02	2.67	-
	HEIGHT	-2.0	10.00	10.00	9.61	7.63	6.32	5.23	4.44	3.85	3.35	2.94	-	-
	HEIGHT	-3.0	10.00	10.00	9.49	7.41	6.07	5.07	4.32	3.76	-	-	-	-
	HEIGHT	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	22 of 108

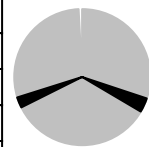
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

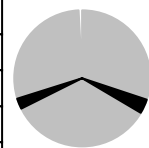
Duty	Config	Sector	Osc Axle	Safety
1IU	ROAD	+/- 110° - +/- 120° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.82	3.19a	3.22	-	-	-	-	-	-
	6.0	-	-	-	4.96a	4.78	3.91	3.16a	2.73	2.30	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	4.59	3.78	3.16	2.68	2.29	1.96	-	-	-
	4.0	-	9.38b	6.90	5.22	4.24	3.52	2.98	2.55	2.20	1.91	1.66	-	-
	3.0	-	8.96b	6.52	4.83	3.80	3.21	2.76	2.39	2.08	1.82	1.60	1.40	-
	2.0	-	7.92a	5.99	4.46	3.47	2.91	2.53	2.21	1.95	1.73	1.53	1.35	-
	1.0	4.69a	4.88a	5.31a	4.05	3.19	2.70	2.36	2.07	1.83	1.63	1.46	1.31	-
	0.0	4.14a	4.28a	4.46a	3.76	3.02	2.58	2.24	1.98	1.76	1.57	1.41	1.27	-
	-1.0	4.16a	4.18a	4.28a	3.67	3.00	2.54	2.20	1.93	1.72	1.54	1.40	-	-
	-2.0	6.29a	6.50a	4.84	3.74	3.04	2.56	2.20	1.93	1.72	1.56	-	-	-
	-3.0	10.00	6.96	5.03	3.90	3.16	2.65	2.28	2.01	-	-	-	-	-
	-4.0	10.00	7.51	5.47	4.29	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1IU	ROAD	+/- 110° - +/- 120° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	4.88	3.96	3.23	-	-	-	-	-	-
	6.0	-	-	-	5.05a	4.90	4.06	3.38	2.79	2.31	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	4.81	4.02	3.41	2.87	2.39	1.99	-	-	-
	4.0	-	9.38b	7.29	5.73	4.69	3.94	3.37	2.89	2.42	2.02	1.69	-	-
	3.0	-	8.96b	7.00	5.55	4.56	3.86	3.32	2.88	2.40	2.00	1.68	1.40	-
	2.0	-	9.10	6.84	5.43	4.48	3.81	3.30	2.82	2.35	1.95	1.64	1.37	-
	1.0	8.52a	9.01	6.82	5.41	4.44	3.73	3.16	2.69	2.23	1.88	1.58	1.33	-
	0.0	9.13a	8.44	6.36	5.06	4.16	3.52	3.01	2.53	2.09	1.77	1.51	1.28	-
	-1.0	10.00	8.10	6.05	4.80	3.97	3.35	2.82	2.33	1.96	1.67	1.44	-	-
	-2.0	10.00	7.92	5.92	4.68	3.85	3.12	2.59	2.20	1.87	1.60	-	-	-
	-3.0	10.00	7.95	5.80	4.46	3.61	2.96	2.47	2.11	-	-	-	-	-
	-4.0	10.00	7.75	5.61	4.34	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	23 of 108

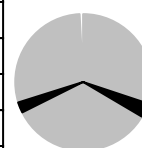
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

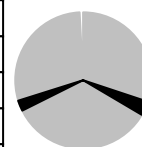
Duty	Config	Sector	Osc Axle	Safety
1IL	ROAD	+/- 110° - +/- 120° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.90	3.16a	2.74a	2.50	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.23	4.37	3.72	2.80a	2.79	2.45	2.15	-	-
	3.0	-	8.96b	7.20b	5.99b	4.79	4.05	3.50	2.56a	2.67	2.36	2.09	1.85	-
	2.0	-	7.92a	7.04b	5.64	4.45	3.75	3.27	2.87	2.54	2.26	2.02	1.81	-
	1.0	4.69a	4.88a	5.31a	5.23	4.17	3.54	3.10	2.73	2.42	2.17	1.95	1.76	-
	0.0	4.14a	4.28a	4.46a	4.90a	4.00	3.43	2.98	2.63	2.35	2.11	1.90	1.73	-
	-1.0	4.16a	4.18a	4.28a	4.86	3.99	3.39	2.94	2.59	2.31	2.08	1.89	-	-
	-2.0	6.29a	6.50a	6.31	4.92	4.03	3.40	2.94	2.59	2.31	2.09	-	-	-
	-3.0	10.00	8.92	6.51	5.08	4.15	3.49	3.02	2.67	-	-	-	-	-
	-4.0	10.00	9.48	6.95	5.48	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1IL	ROAD	+/- 110° - +/- 120° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.78	3.96	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	4.88	4.11	3.45	2.90	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.70a	4.82	4.13	3.52	2.98	2.53	-	-	-
	4.0	-	9.38b	8.52r	6.80	5.60	4.74	4.08	3.54	3.00	2.56	2.18	-	-
	3.0	-	8.96b	8.22	6.61	5.47	4.65	4.03	3.52	2.99	2.54	2.17	1.86	-
	2.0	-	10.00	8.07	6.49	5.39	4.60	4.01	3.46	2.92	2.49	2.14	1.83	-
	1.0	8.52a	10.00	8.06	6.47	5.38	4.57	3.90	3.34	2.82	2.42	2.07	1.79	-
	0.0	9.13a	10.00	7.83	6.24	5.15	4.36	3.74	3.18	2.68	2.31	2.00	1.74	-
	-1.0	10.00	10.00	7.53	5.98	4.96	4.19	3.56	2.99	2.55	2.21	1.93	-	-
	-2.0	10.00	9.89	7.39	5.86	4.84	3.96	3.33	2.86	2.46	2.14	-	-	-
	-3.0	10.00	9.91	7.28	5.64	4.59	3.80	3.21	2.77	-	-	-	-	-
	-4.0	10.00	9.72	7.09	5.52	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	24 of 108

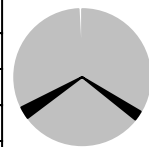
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

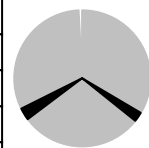
Duty	Config	Sector	Osc Axle	Safety
1mU	ROAD	+/- 120° - +/- 130° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.90	3.16a	2.74a	2.50	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.23	4.37	3.73	2.80a	2.80	2.45	2.15	-	-
	3.0	-	8.96b	7.20b	5.99b	4.79	4.06	3.50	2.56a	2.68	2.36	2.09	1.85	-
	2.0	-	7.92a	7.04b	5.65	4.46	3.76	3.27	2.87	2.54	2.27	2.02	1.81	-
	1.0	4.69a	4.88a	5.31a	5.24	4.18	3.55	3.10	2.73	2.43	2.17	1.95	1.76	-
	0.0	4.14a	4.28a	4.46a	4.90a	4.01	3.43	2.99	2.64	2.35	2.11	1.91	1.73	-
	-1.0	4.16a	4.18a	4.28a	4.86	3.99	3.39	2.94	2.59	2.31	2.08	1.89	-	-
	-2.0	6.29a	6.50a	6.32	4.92	4.03	3.41	2.94	2.59	2.31	2.10	-	-	-
	-3.0	10.00	8.93	6.52	5.09	4.15	3.50	3.02	2.67	-	-	-	-	-
	-4.0	10.00	9.49	6.95	5.48	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1mU	ROAD	+/- 120° - +/- 130° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.78	3.97	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	4.88	4.11	3.45	2.91	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.70a	4.83	4.14	3.52	2.98	2.53	-	-	-
	4.0	-	9.38b	8.52r	6.81	5.60	4.74	4.09	3.54	3.00	2.56	2.18	-	-
	3.0	-	8.96b	8.23	6.61	5.47	4.65	4.04	3.52	2.99	2.54	2.17	1.86	-
	2.0	-	10.00	8.08	6.49b	5.39	4.60	4.02	3.46	2.92	2.49	2.14	1.83	-
	1.0	8.52a	10.00	8.06	6.47b	5.39	4.58	3.90	3.35	2.83	2.42	2.08	1.79	-
	0.0	9.13a	10.00	7.84	6.24	5.15	4.37	3.75	3.19	2.69	2.31	2.00	1.74	-
	-1.0	10.00	10.00	7.53	5.99	4.96	4.20	3.57	2.99	2.55	2.21	1.93	-	-
	-2.0	10.00	9.90	7.40	5.86	4.84	3.97	3.33	2.86	2.46	2.14	-	-	-
	-3.0	10.00	9.92	7.28	5.64	4.60	3.80	3.21	2.77	-	-	-	-	-
	-4.0	10.00	9.73	7.09	5.53	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	25 of 108

RATED LIFT CAPACITY CHART

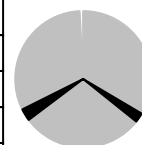
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
1mL	ROAD	+/- 120° - +/- 130° Over Fixed End		75%

MINIMUM LOADS

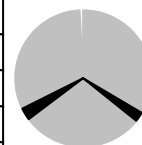
HEIGHT	RADIUS												
	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-	-
7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-	-
4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.72	-	-
3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	2.99	2.67	2.38	-
2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	2.89	2.60	2.34	-
1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.53	3.96	3.49	3.11	2.80	2.53	2.29	-
0.0	4.14a	4.28a	4.46a	4.90a	5.15	4.41	3.84	3.40	3.04	2.73	2.48	2.26	-
-1.0	4.16a	4.18a	4.28a	5.70a	5.14	4.37	3.80	3.35	3.00	2.70	2.46	-	-
-2.0	6.29a	6.50a	7.15a	6.17b	5.18	4.39	3.80	3.36	3.00	2.72	-	-	-
-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.48	3.88	3.44	-	-	-	-	-
-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1mL	ROAD	+/- 120° - +/- 130° Over Fixed End		75%

MAXIMUM LOADS

HEIGHT	RADIUS												
	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-	-
7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
6.0	-	-	-	5.05a	5.19a	5.21a	4.91	4.20	3.59	-	-	-	-
5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	4.90	4.26	3.66	3.15	-	-	-
4.0	-	9.38b	8.62r	7.44r	6.59	5.59	4.83	4.24	3.68	3.18	2.75	-	-
3.0	-	8.96b	9.29b	7.74	6.44	5.49	4.77	4.21	3.66	3.16	2.74	2.39	-
2.0	-	10.00	9.47	7.62	6.35	5.43	4.74	4.21	3.61	3.11	2.71	2.36	-
1.0	8.52a	10.00	9.48	7.61	6.34	5.43	4.74	4.09	3.51	3.03	2.65	2.32	-
0.0	9.13a	10.00	9.50	7.59	6.30	5.35	4.61	3.95	3.37	2.94	2.57	2.27	-
-1.0	10.00	10.00	9.25	7.36	6.10	5.18	4.42	3.76	3.24	2.84	2.51	-	-
-2.0	10.00	10.00	9.12	7.24	5.99	4.95	4.19	3.63	3.15	2.76	-	-	-
-3.0	10.00	10.00	9.00	7.02	5.74	4.78	4.07	3.54	-	-	-	-	-
-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-	-



NOTES

Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

PAGE

26 of 108

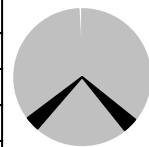
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

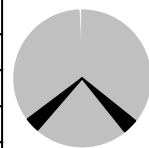
Duty	Config	Sector	Osc Axle	Safety
1nU	ROAD	+/- 130° - +/- 140° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-
	HEIGHT	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-
	HEIGHT	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-
	HEIGHT	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.73	-
	HEIGHT	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	2.99	2.67	2.39
	HEIGHT	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	2.89	2.60	2.34
	HEIGHT	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.53	3.96	3.50	3.12	2.80	2.53	2.30
	HEIGHT	0.0	4.14a	4.28a	4.46a	4.90a	5.16	4.42	3.85	3.40	3.04	2.74	2.48	2.26
	HEIGHT	-1.0	4.16a	4.18a	4.28a	5.70a	5.14	4.38	3.80	3.36	3.00	2.71	2.47	-
	HEIGHT	-2.0	6.29a	6.50a	7.15a	6.17b	5.18	4.39	3.81	3.36	3.00	2.72	-	-
	HEIGHT	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.48	3.89	3.44	-	-	-	-
	HEIGHT	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1nU	ROAD	+/- 130° - +/- 140° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-
	HEIGHT	6.0	-	-	-	5.05a	5.19a	5.21a	4.91	4.21	3.60	-	-	-
	HEIGHT	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	4.90	4.27	3.67	3.16	-	-
	HEIGHT	4.0	-	9.38b	8.62r	7.44r	6.59	5.59	4.84	4.25	3.68	3.18	2.76a	-
	HEIGHT	3.0	-	8.96b	9.29b	7.74	6.45	5.49	4.77	4.21b	3.67	3.17	2.75	2.39
	HEIGHT	2.0	-	10.00	9.48	7.63	6.36b	5.43	4.74	4.21b	3.61	3.12	2.72	2.36
	HEIGHT	1.0	8.52a	10.00	9.49	7.61	6.35b	5.44	4.75	4.09	3.52	3.03	2.65	2.32
	HEIGHT	0.0	9.13a	10.00	9.51	7.60	6.30	5.35	4.61	3.95	3.38	2.94	2.58	2.27
	HEIGHT	-1.0	10.00	10.00	9.26	7.37	6.11	5.18	4.43	3.76	3.24	2.84	2.51	-
	HEIGHT	-2.0	10.00	10.00	9.13	7.25	5.99	4.96	4.20	3.63	3.15	2.77	-	-
	HEIGHT	-3.0	10.00	10.00	9.01	7.03	5.75	4.79	4.08	3.54	-	-	-	-
	HEIGHT	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	27 of 108

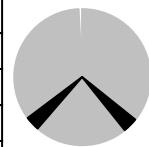
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

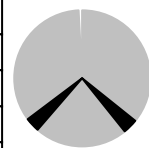
Duty	Config	Sector	Osc Axle	Safety
1nL	ROAD	+/- 130° - +/- 140° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-	-
	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a	-
	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a	-
	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a	-
	0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.42	3.95a	3.43a	3.32	-
	-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.34	4.97a	4.89	4.38	3.96	3.61	-	-
	-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-	-
	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-	-
	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1nL	ROAD	+/- 130° - +/- 140° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-	-
	4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.40	3.86r	-	-
	3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.90	4.39	3.88	3.31a	-
	2.0	-	10.00	10.00	9.60a	8.16	7.02	6.13b	5.44	4.89	4.34	3.84	3.41	-
	1.0	8.52a	10.00	10.00	9.75b	8.15	7.00	6.13b	5.45	4.85	4.26	3.78	3.37	-
	0.0	9.13a	10.00	10.00	9.84b	8.21b	7.06	6.21	5.43	4.73	4.17	3.71	3.33	-
	-1.0	10.00	10.00	10.00	10.00	8.36	7.14r	6.11	5.29	4.62	4.09	3.66	-	-
	-2.0	10.00	10.00	10.00	10.00	8.29	6.92	5.92	5.16	4.53	3.96b	-	-	-
	-3.0	10.00	10.00	10.00	9.78	8.04	6.76	5.80	4.51b	-	-	-	-	-
	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	28 of 108

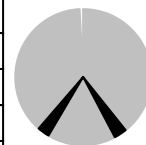
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

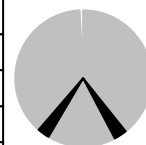
Duty	Config	Sector	Osc Axle	Safety
1oU	ROAD	+/- 140° - +/- 150° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-	-
	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a	-
	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a	-
	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a	-
	0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.60a	3.95a	3.43a	3.39a	-
	-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.61b	4.97a	5.11	4.58	4.14	3.76a	-	-
	-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-	-
	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-	-
	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1oU	ROAD	+/- 140° - +/- 150° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-	-
	4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.42r	3.86r	-	-
	3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.99r	4.56	4.04	3.31a	-
	2.0	-	10.00	10.00	9.60a	8.42	7.24b	6.33b	5.62	5.04	4.51	4.01	3.57	-
	1.0	8.52a	10.00	10.00	9.97b	8.41b	7.22b	6.32b	5.62	5.06	4.45	3.94	3.53	-
	0.0	9.13a	10.00	10.00	10.00	8.47	7.28b	6.39	5.66	4.94	4.36	3.88	3.48	-
	-1.0	10.00	10.00	10.00	10.00	8.62	7.41	6.37	5.52	4.82	4.28	3.81	-	-
	-2.0	10.00	10.00	10.00	10.00	8.63	7.21	6.17	5.35	4.73	3.96b	-	-	-
	-3.0	10.00	10.00	10.00	10.00	8.38	7.05	5.84b	4.51b	-	-	-	-	-
	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	29 of 108

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
1oL	ROAD	+/- 140° - +/- 150° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
		7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-
		6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-
		5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-
		4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-
		3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a
		2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a
		1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a
		0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.60a	3.95a	3.43a	3.39a
		-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.61b	4.97a	5.46b	4.95b	4.41b	3.76a	-
		-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-
		-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-
		-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1oL	ROAD	+/- 140° - +/- 150° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
		7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-
		6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-
		5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-
		4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.42r	3.86r	-
		3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.99r	4.71b	4.24r	3.31a
		2.0	-	10.00	10.00	9.60a	8.81b	7.37r	6.43r	5.78r	5.29b	4.91	4.40	3.75a
		1.0	8.52a	10.00	10.00	9.97b	8.90b	7.69	6.75b	6.01	5.41b	4.88	4.35	3.89r
		0.0	9.13a	10.00	10.00	10.00	8.96b	7.73	6.79b	6.06	5.42	4.80	4.28	3.85b
		-1.0	10.00	10.00	10.00	10.00	9.08b	7.86b	6.95	6.03	5.31	4.70	4.10b	-
		-2.0	10.00	10.00	10.00	10.00	9.43b	7.91	6.78	5.89	5.18b	3.96b	-	-
		-3.0	10.00	10.00	10.00	10.00	8.80b	7.24b	5.84b	4.51b	-	-	-	-
		-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	30 of 108

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
1pU	ROAD	+/- 150° - +/- 160° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-	-
	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a	-
	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a	-
	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a	-
	0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.60a	3.95a	3.43a	3.39a	-
	-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.61b	4.97a	5.46b	4.95b	4.41b	3.76a	-	-
	-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-	-
	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-	-
	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1pU	ROAD	+/- 150° - +/- 160° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-	-
	4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.42r	3.86r	-	-
	3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.99r	4.71b	4.24r	3.31a	-
	2.0	-	10.00	10.00	9.60a	8.81b	7.37r	6.43r	5.78r	5.29b	4.94r	4.51r	3.75a	-
	1.0	8.52a	10.00	10.00	9.97b	8.91b	7.80b	6.92b	6.18r	5.60b	5.15b	4.61	3.89r	-
	0.0	9.13a	10.00	10.00	10.00	8.97b	7.83b	6.95b	6.24b	5.68b	5.19	4.53	3.85b	-
	-1.0	10.00	10.00	10.00	10.00	9.09b	7.94b	7.06b	6.39b	5.74b	5.02b	4.10b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.43b	8.21b	7.16b	6.14b	5.18b	3.96b	-	-	-
	-3.0	10.00	10.00	10.00	10.00	8.80b	7.24b	5.84b	4.51b	-	-	-	-	-
	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	31 of 108

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
1pL	ROAD	+/- 150° - +/- 160° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-
	HEIGHT	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-
	HEIGHT	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-
	HEIGHT	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-
	HEIGHT	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a
	HEIGHT	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a
	HEIGHT	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a
	HEIGHT	0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.60a	3.95a	3.43a	3.39a
	HEIGHT	-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.61b	4.97a	5.46b	4.95b	4.41b	3.76a	-
	HEIGHT	-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-
	HEIGHT	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-
	HEIGHT	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1pL	ROAD	+/- 150° - +/- 160° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-
	HEIGHT	6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-
	HEIGHT	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-
	HEIGHT	4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.42r	3.86r	-
	HEIGHT	3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.99r	4.71b	4.24r	3.31a
	HEIGHT	2.0	-	10.00	10.00	9.60a	8.81b	7.37r	6.43r	5.78r	5.29b	4.94r	4.51r	3.75a
	HEIGHT	1.0	8.52a	10.00	10.00	9.97b	8.91b	7.80b	6.92b	6.18r	5.60b	5.15b	4.60	3.89r
	HEIGHT	0.0	9.13a	10.00	10.00	10.00	8.97b	7.83b	6.95b	6.24b	5.68b	5.18	4.53	3.85b
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.09b	7.94b	7.06b	6.39b	5.74b	5.02b	4.10b	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.43b	8.21b	7.16b	6.14b	5.18b	3.96b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	10.00	8.80b	7.24b	5.84b	4.51b	-	-	-	-
	HEIGHT	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	32 of 108

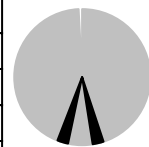
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

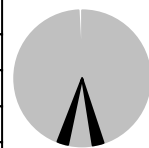
Duty	Config	Sector	Osc Axle	Safety
1qU	ROAD	+/- 160° - +/- 170° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-	-
	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a	-
	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a	-
	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a	-
	0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.60a	3.95a	3.43a	3.39a	-
	-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.61b	4.97a	5.46b	4.95b	4.41b	3.76a	-	-
	-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-	-
	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-	-
	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1qU	ROAD	+/- 160° - +/- 170° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-	-
	4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.42r	3.86r	-	-
	3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.99r	4.71b	4.24r	3.31a	-
	2.0	-	10.00	10.00	9.60a	8.81b	7.37r	6.43r	5.78r	5.29b	4.94r	4.51r	3.75a	-
	1.0	8.52a	10.00	10.00	9.97b	8.91b	7.80b	6.92b	6.18r	5.60b	5.15b	4.61	3.89r	-
	0.0	9.13a	10.00	10.00	10.00	8.97b	7.83b	6.95b	6.24b	5.68b	5.18	4.53	3.85b	-
	-1.0	10.00	10.00	10.00	10.00	9.09b	7.94b	7.06b	6.39b	5.74b	5.02b	4.10b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.43b	8.21b	7.16b	6.14b	5.18b	3.96b	-	-	-
	-3.0	10.00	10.00	10.00	10.00	8.80b	7.24b	5.84b	4.51b	-	-	-	-	-
	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	33 of 108

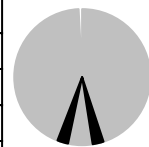
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

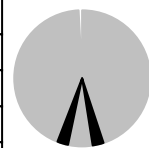
Duty	Config	Sector	Osc Axle	Safety
1qL	ROAD	+/- 160° - +/- 170° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-	-
	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a	-
	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a	-
	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a	-
	0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.60a	3.95a	3.43a	3.39a	-
	-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.61b	4.97a	5.46b	4.95b	4.41b	3.76a	-	-
	-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-	-
	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-	-
	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1qL	ROAD	+/- 160° - +/- 170° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-	-
	4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.42r	3.86r	-	-
	3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.99r	4.71b	4.24r	3.31a	-
	2.0	-	10.00	10.00	9.60a	8.81b	7.37r	6.43r	5.78r	5.29b	4.94r	4.48a	3.75a	-
	1.0	8.52a	10.00	10.00	9.97b	8.91b	7.77b	6.82	6.08	5.48	4.96	4.43	3.89r	-
	0.0	9.13a	10.00	10.00	10.00	8.97b	7.80	6.86b	6.12	5.52	4.89	4.35	3.85b	-
	-1.0	10.00	10.00	10.00	10.00	9.09b	7.92b	7.00	6.14	5.40	4.79	4.10b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.43b	8.05	6.90	6.00	5.18b	3.96b	-	-	-
	-3.0	10.00	10.00	10.00	10.00	8.80b	7.24b	5.84b	4.51b	-	-	-	-	-
	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	34 of 108

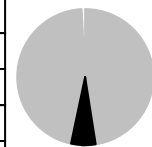
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

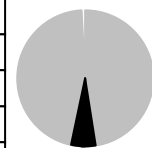
Duty	Config	Sector	Osc Axle	Safety
1rU	ROAD	+/- 10° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-	-
	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a	-
	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a	-
	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a	-
	0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.60a	3.95a	3.43a	3.39a	-
	-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.61b	4.97a	5.46b	4.95b	4.41b	3.76a	-	-
	-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-	-
	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-	-
	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1rU	ROAD	+/- 10° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-	-
		7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
		6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-	-
		5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-	-
		4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.42r	3.86r	-	-
		3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.99r	4.71b	4.24r	3.31a	-
		2.0	-	10.00	10.00	9.60a	8.81b	7.37r	6.43r	5.78r	5.29b	4.94r	4.48a	3.75a	-
		1.0	8.52a	10.00	10.00	9.97b	8.91b	7.77b	6.83	6.08	5.48	4.97	4.43	3.89r	-
		0.0	9.13a	10.00	10.00	10.00	8.97b	7.81b	6.86	6.12	5.52	4.89	4.36	3.85b	-
		-1.0	10.00	10.00	10.00	10.00	9.09b	7.92b	7.00	6.14	5.41	4.79	4.10b	-	-
		-2.0	10.00	10.00	10.00	10.00	9.43b	8.05	6.90	6.01	5.18b	3.96b	-	-	-
		-3.0	10.00	10.00	10.00	10.00	8.80b	7.24b	5.84b	4.51b	-	-	-	-	-
		-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	35 of 108

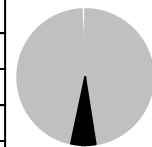
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

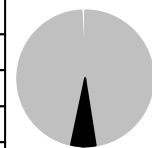
Duty	Config	Sector	Osc Axle	Safety
1rL	ROAD	+/- 10° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	5.46a	4.03a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.17a	4.84a	3.19a	3.26a	-	-	-	-	-	-
	6.0	-	-	-	4.96a	5.13a	4.65b	3.16a	3.08a	2.75a	-	-	-	-
	5.0	-	4.91a	5.28a	5.53a	5.38b	4.60b	3.99b	3.16a	2.74a	2.97a	-	-	-
	4.0	-	9.38b	7.49b	6.19b	5.24b	4.51b	3.94b	2.80a	2.88a	2.88a	2.76a	-	-
	3.0	-	8.96b	7.20b	5.99b	5.10b	4.42b	3.89b	2.56a	3.19a	3.31a	3.10a	2.82a	-
	2.0	-	7.92a	7.04b	5.87b	5.02b	4.37b	3.86b	2.96a	2.82a	3.37a	2.77a	3.29a	-
	1.0	4.69a	4.88a	5.31a	5.79a	5.23b	4.85b	4.69r	3.76a	3.69a	3.01a	3.05a	3.25a	-
	0.0	4.14a	4.28a	4.46a	4.90a	6.36a	5.74r	5.35r	3.96a	4.60a	3.95a	3.43a	3.39a	-
	-1.0	4.16a	4.18a	4.28a	5.70a	7.13b	6.61b	4.97a	5.46b	4.95b	4.41b	3.76a	-	-
	-2.0	6.29a	6.50a	7.15a	6.17b	5.92b	5.56b	5.03b	4.61b	4.08b	3.57b	-	-	-
	-3.0	10.00	9.44b	7.46b	6.13b	5.19b	4.49b	3.96b	3.56b	-	-	-	-	-
	-4.0	10.00	9.95b	7.90b	6.55b	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
1rL	ROAD	+/- 10° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	5.52a	5.10a	-	-	-	-	-	-	-	-
	7.0	-	-	-	5.19a	5.16a	4.97a	4.39a	-	-	-	-	-	-
	6.0	-	-	-	5.05a	5.19a	5.21a	5.01a	4.62r	4.08a	-	-	-	-
	5.0	-	4.94a	5.34a	5.58a	5.71a	5.63r	5.21r	4.89r	4.53r	3.99r	-	-	-
	4.0	-	9.38b	8.62r	7.44r	6.61r	5.98r	5.47r	5.07b	4.76b	4.42r	3.86r	-	-
	3.0	-	8.96b	9.29b	8.90r	7.46r	6.53r	5.87r	5.37r	4.99r	4.71b	4.24r	3.31a	-
	2.0	-	10.00	10.00	9.60a	8.81b	7.37r	6.43r	5.78r	5.29b	4.94r	4.48a	3.75a	-
	1.0	8.52a	10.00	10.00	9.97b	8.91b	7.77b	6.82	6.08	5.48	4.97	4.43	3.89r	-
	0.0	9.13a	10.00	10.00	10.00	8.97b	7.80	6.86b	6.12	5.52	4.89	4.35	3.85b	-
	-1.0	10.00	10.00	10.00	10.00	9.09b	7.92b	7.00	6.14	5.41	4.79	4.10b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.43b	8.05	6.90	6.00	5.18b	3.96b	-	-	-
	-3.0	10.00	10.00	10.00	10.00	8.80b	7.24b	5.84b	4.51b	-	-	-	-	-
	-4.0	10.00	10.00	8.78b	6.81b	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	36 of 108

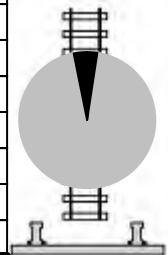
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

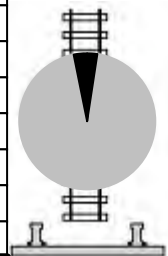
Duty	Config	Sector	Osc Axle	Safety
2aU	RAIL	+/- 10° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	3.0	-	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.64	2.98a	-
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a	-
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.53	4.01a	3.50b	-	-
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2aU	RAIL	+/- 10° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	5.0	-	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	4.0	-	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.49	3.89	-
	3.0	-	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.07	4.46	3.86	3.37
	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.63	5.74	5.06	4.40	3.81	3.34	-
	1.0	8.33a	10.00	10.00	10.00	8.93b	7.76b	6.63	5.76	5.02	4.32	3.74	3.29	-
	0.0	9.86a	10.00	10.00	10.00	9.00b	7.83	6.73	5.76	4.89	4.20	3.67	3.09a	-
	-1.0	10.00	10.00	10.00	10.00	9.17b	8.01b	6.71	5.61	4.77	4.11	3.62	-	-
	-2.0	10.00	10.00	10.00	10.00	9.44b	8.04	6.51	5.47	4.56b	3.13b	-	-	-
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	37 of 108

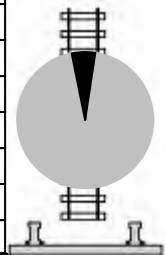
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

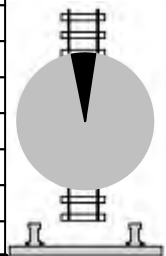
Duty	Config	Sector	Osc Axle	Safety
2aL	RAIL	+/- 10° Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	3.0	-	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.68a	2.98a	-
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a	-
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.63b	4.01a	3.50b	-	-
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2aL	RAIL	+/- 10° Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	5.0	-	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	4.0	-	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.97r	-
	3.0	-	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.78r	4.37a	3.57r
	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.95r	5.43r	5.03r	4.66r	3.87r	-
	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.93b	6.22b	5.65b	5.17b	4.76b	3.92r	-
	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.98b	6.27b	5.72b	5.20b	4.51b	3.09a	-
	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	7.17b	6.41b	5.63b	4.76b	3.67b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.87b	5.77b	4.56b	3.13b	-	-	-
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	38 of 108

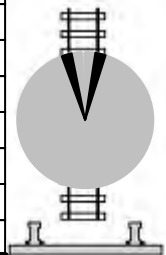
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

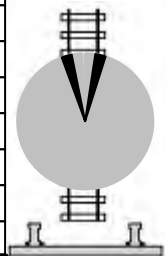
Duty	Config	Sector	Osc Axle	Safety
2bU	RAIL	+/- 10° - +/- 20° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	3.0	-	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.68a	2.98a	-
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a	-
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.63b	4.01a	3.50b	-	-
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2bU	RAIL	+/- 10° - +/- 20° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	5.0	-	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	4.0	-	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.97r	-
	3.0	-	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.78r	4.37a	3.57r
	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.95r	5.43r	5.03r	4.66r	3.87r	-
	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.93b	6.22b	5.65b	5.17b	4.76b	3.92r	-
	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.98b	6.27b	5.72b	5.20b	4.51b	3.09a	-
	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	7.17b	6.41b	5.63b	4.76b	3.67b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.87b	5.77b	4.56b	3.13b	-	-	-
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	39 of 108

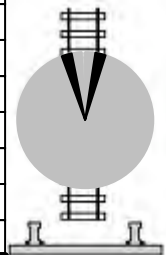
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

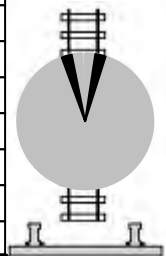
Duty	Config	Sector	Osc Axle	Safety
2bL	RAIL	+/- 10° - +/- 20° Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	3.0	-	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.68a	2.98a	-
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a	-
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.63b	4.01a	3.50b	-	-
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2bL	RAIL	+/- 10° - +/- 20° Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	5.0	-	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	4.0	-	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.97r	-
	3.0	-	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.78r	4.37a	3.57r
	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.95r	5.43r	5.03r	4.66r	3.87r	-
	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.93b	6.22b	5.65b	5.17b	4.76b	3.92r	-
	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.98b	6.27b	5.72b	5.20b	4.51b	3.09a	-
	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	7.17b	6.41b	5.63b	4.76b	3.67b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.87b	5.77b	4.56b	3.13b	-	-	-
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	40 of 108

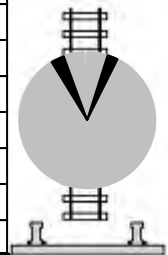
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

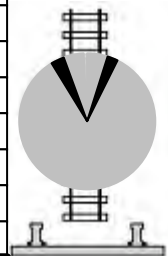
Duty	Config	Sector	Osc Axle	Safety
2cU	RAIL	+/- 20° - +/- 30° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	-
		7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-
		6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-	-
		5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	2.74	-	-
		4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.06	2.61a	-	-
		3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	2.97	2.66	2.39	-
		2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.23	2.88	2.59	2.34	-
		1.0	4.29a	4.52a	4.87a	5.40a	5.41	4.60	3.99	3.52	3.13	2.81	2.54	2.31	-
		0.0	4.11a	4.15a	4.39a	4.68a	5.33	4.51	3.92	3.45	3.07	2.76	2.50	2.29	-
		-1.0	4.58a	4.55a	4.92a	6.55	5.34	4.50	3.89	3.42	3.05	2.75	2.50	-	-
		-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	4.54	3.91	3.44	3.08	2.79	-	-	-
		-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.06	-	-	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2cU	RAIL	+/- 20° - +/- 30° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	5.34a	4.94	4.24	3.63	3.10a	-	-	-	
	5.0	-	6.17a	6.38a	6.38a	6.25r	5.70	4.89	4.27	3.68	3.17	2.75	-	-	
	4.0	-	-	9.14r	7.90	6.62	5.60b	4.83	4.23	3.67	3.18	2.76	-	-	
	3.0	-	9.58b	9.58b	7.85	6.50	5.50	4.78	4.21b	3.64	3.15	2.75	2.40	-	
	2.0	8.64a	10.00	9.81	7.78	6.44b	5.47	4.76	4.17	3.57	3.10	2.71	2.37	-	
	1.0	8.33a	10.00	9.86	7.80	6.46	5.50	4.72	4.06	3.49	3.02	2.64	2.33	-	
	0.0	9.86a	10.00	9.87	7.73	6.35	5.34	4.58	3.91a	3.36	2.93	2.57	2.29	-	
	-1.0	10.00	10.00	9.62	7.53	6.19	5.20	4.39	3.74	3.24	2.85	2.52	-	-	
	-2.0	10.00	10.00	9.53	7.47	6.00	5.00	4.21	3.63	3.16	2.80	-	-	-	
	-3.0	10.00	10.00	9.35	7.23	5.85	4.85	4.12	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	41 of 108

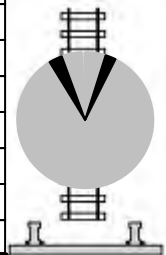
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

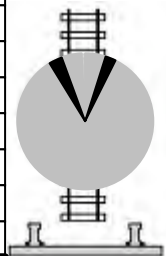
Duty	Config	Sector	Osc Axle	Safety
2cL	RAIL  0mm - 50mm	+/- 20° - +/- 30° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	-
		7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-
		6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-	-
		5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-	-
		4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-	-
		3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.00	2.74	-
		2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.22	2.92a	2.69	-
		1.0	4.29a	4.52a	4.87a	5.40a	5.34	4.71	4.21	3.80	3.45	3.15	2.88	2.66	-
		0.0	4.11a	4.15a	4.39a	4.68a	5.27	4.64	4.14	3.74	3.39	3.10	2.85	2.64	-
		-1.0	4.58a	4.55a	4.92a	6.13	5.27	4.63	4.12	3.71	3.37	3.09	2.85	-	-
		-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	4.66	4.14	3.73	3.40	3.01b	-	-	-
		-3.0	10.00	9.41	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2cL	RAIL  0mm - 50mm	+/- 20° - +/- 30° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.06	4.45	3.91	3.10a	-	-	-	
	5.0	-	6.17a	6.38a	6.38a	6.25r	5.67	5.01b	4.46	3.95	3.49	3.09	-	-	
	4.0	-	-	8.81b	7.42	6.38	5.58	4.94	4.43	3.96	3.50	3.10	-	-	
	3.0	-	9.58b	8.62	7.27	6.28	5.50b	4.89	4.40	3.93	3.47	3.08	2.75	-	
	2.0	8.64a	10.00	8.56	7.21	6.23	5.47	4.88	4.40	3.86	3.41	3.04	2.72	-	
	1.0	8.33a	10.00	8.56	7.23	6.25	5.49	4.87	4.28	3.76	3.35	2.98	2.68	-	
	0.0	9.86a	10.00	8.37	7.08	6.12	5.36	4.74	4.14	3.67	3.26	2.92	2.64	-	
	-1.0	10.00	10.00	8.19	6.92	5.99	5.24	4.57	4.00	3.56	3.19	2.87	-	-	
	-2.0	10.00	9.96	8.12	6.87	5.83	5.06	4.40	3.90	3.48	3.13b	-	-	-	
	-3.0	10.00	9.89	7.99	6.67	5.71	4.93	4.33	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	42 of 108

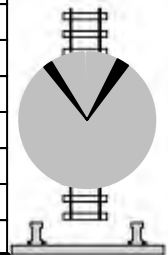
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

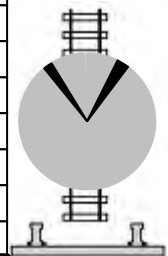
Duty	Config	Sector	Osc Axle	Safety
2dU	RAIL	+/- 30° - +/- 40° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.33	3.64a	3.11	2.67	2.29	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.01	4.17	3.53	2.61a	2.63	2.29	1.99	-
	4.0	-	-	-	7.37b	5.70	4.66	3.92	3.35	2.90	2.53	2.23	1.97	-
	3.0	-	-	8.86b	7.13b	5.41	4.26	3.63	3.14	2.75	2.42	2.15	1.91	1.70
	2.0	6.41a	6.22a	6.49a	5.05	4.00	3.39	2.95	2.60	2.31	2.06	1.84	1.66	-
	1.0	4.29a	4.52a	4.87a	4.73	3.78	3.23	2.82	2.49	2.22	1.99	1.79	1.62	-
	0.0	4.11a	4.15a	4.39a	4.51	3.70	3.15	2.75	2.42	2.16	1.94	1.76	1.60	-
	-1.0	4.58a	4.55a	4.92a	4.52	3.71	3.14	2.72	2.40	2.14	1.93	1.76	-	-
	-2.0	7.54a	7.95a	5.90	4.60	3.75	3.17	2.74	2.42	2.17	1.97	-	-	-
	-3.0	10.00	8.37	6.12	4.79	3.92	3.31	2.88	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2dU	RAIL	+/- 30° - +/- 40° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	4.45	3.70	3.10	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	4.49	3.81	3.20	2.71	2.29	-	-
	5.0	-	-	6.17a	6.38a	6.29	5.27	4.43	3.80	3.25	2.76	2.35	2.00	-
	4.0	-	-	-	7.82b	6.24b	5.16	4.36	3.75	3.25	2.76	2.35	2.02	-
	3.0	-	-	9.58b	7.60	6.08	5.06	4.29	3.72	3.22	2.74	2.33	2.00	1.71
	2.0	8.64a	9.96	7.50	6.01	5.00b	4.27	3.68	3.16	2.66	2.27	1.96	1.69	-
	1.0	8.33a	9.87r	7.45	5.92	4.89	4.13	3.52	3.02	2.56	2.20	1.89	1.65	-
	0.0	9.86a	9.42	7.08	5.63	4.67	3.94	3.39	2.88	2.44	2.10	1.83	1.60	-
	-1.0	10.00	9.17	6.85	5.44	4.51	3.81	3.20	2.71	2.33	2.03	1.77	-	-
	-2.0	10.00	9.12	6.76	5.39	4.34	3.61	3.02	2.60	2.25	1.98	-	-	-
	-3.0	10.00	9.02	6.60	5.16	4.20	3.47	2.95	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	43 of 108

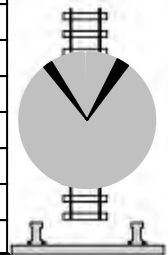
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

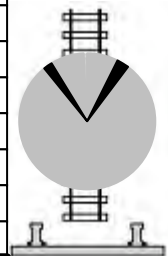
Duty	Config	Sector	Osc Axle	Safety
2dL	RAIL	+/- 30° - +/- 40° Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.09	2.66	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66	2.32	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.87	3.14a	2.94	2.59	2.29	-
	3.0	-	-	8.86b	7.13b	5.93b	4.94	4.21	3.64	3.04a	2.78a	2.50	2.22	1.98
	2.0	6.41a	6.22a	6.49a	5.85b	4.65	3.93	3.43	3.02	2.69	2.40	2.15	1.94	-
	1.0	4.29a	4.52a	4.87a	5.40a	4.40	3.76	3.28	2.90	2.58	2.31	2.09	1.89	-
	0.0	4.11a	4.15a	4.39a	4.68a	4.31	3.67	3.20	2.82	2.51	2.26	2.05	1.87	-
	-1.0	4.58a	4.55a	4.92a	5.26	4.32	3.66	3.17	2.80	2.49	2.25	2.05	-	-
	-2.0	7.54a	7.95a	6.85	5.35	4.37	3.70	3.20	2.82	2.53	2.29	-	-	-
	-3.0	10.00	9.57b	7.10	5.56	4.55	3.85	3.35	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2dL	RAIL	+/- 30° - +/- 40° Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.06	4.27	3.58	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.12	4.37	3.69	3.13	2.66	-	-
	5.0	-	-	6.17a	6.38a	6.38a	5.97	5.04	4.33b	3.74	3.18	2.72	2.32	-
	4.0	-	-	-	8.81	7.03	5.83	4.94	4.27b	3.74	3.18	2.73	2.34	-
	3.0	-	-	9.58b	8.56b	6.86	5.71b	4.87	4.22	3.71	3.15	2.70	2.32	2.00
	2.0	8.64a	10.00	8.46b	6.78	5.65b	4.83	4.21	3.63	3.08	2.64	2.27	1.97	-
	1.0	8.33a	10.00	8.46r	6.78	5.64	4.76	4.07	3.49	2.97	2.55	2.20	1.92	-
	0.0	9.86a	10.00	8.18	6.51	5.39	4.56	3.92	3.33	2.84	2.45	2.13	1.87	-
	-1.0	10.00	10.00	7.92	6.29	5.22	4.41	3.71	3.14	2.71	2.36	2.07	-	-
	-2.0	10.00	10.00	7.82	6.23	5.02	4.19	3.51	3.02	2.62	2.31	-	-	-
	-3.0	10.00	10.00	7.64	5.97	4.87	4.03	3.42	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	44 of 108

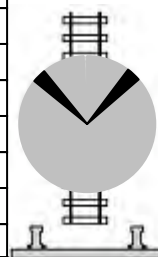
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

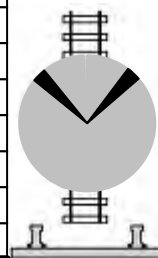
Duty	Config	Sector	Osc Axle	Safety
2eU	RAIL	$\pm 40^\circ - \pm 50^\circ$ Over Osc End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.88	3.76a	2.95a	2.80	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.80	3.95	3.32	2.82	2.41	2.05	-	-
	HEIGHT	5.0	-	6.01a	6.09a	5.65	4.57	3.79	3.20	2.61a	2.36	2.05	1.77	-
	HEIGHT	4.0	-	-	6.90	5.17	4.22	3.54	3.02	2.61	2.27	1.99	1.75	-
	HEIGHT	3.0	-	8.86b	6.53	4.88	3.82	3.25	2.81	2.46	2.16	1.91	1.69	1.50
	HEIGHT	2.0	6.41a	6.22a	5.99	4.52	3.56	3.01	2.62	2.31	2.05	1.82	1.62	1.46
	HEIGHT	1.0	4.29a	4.52a	4.87a	4.20	3.34	2.85	2.49	2.20	1.95	1.74	1.57	1.42
	HEIGHT	0.0	4.11a	4.15a	4.39a	3.98	3.26	2.77	2.42	2.13	1.89	1.70	1.54	1.40
	HEIGHT	-1.0	4.58a	4.55a	4.92a	3.99	3.27	2.76	2.39	2.10	1.87	1.69	1.53	-
	HEIGHT	-2.0	7.54a	7.21	5.24	4.07	3.31	2.80	2.41	2.13	1.90	1.73	-	-
	HEIGHT	-3.0	10.00	7.49	5.46	4.26	3.48	2.93	2.55	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2eU	RAIL	$\pm 40^\circ - \pm 50^\circ$ Over Osc End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.81	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.96	4.09	3.37	2.80	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.93	4.11	3.48	2.91	2.44	2.05	-	-
	HEIGHT	5.0	-	6.17a	6.38a	5.92	4.83	4.05	3.47	2.96	2.49	2.11	1.78	-
	HEIGHT	4.0	-	-	7.26	5.74	4.71	3.98	3.42	2.97	2.50	2.11	1.80	-
	HEIGHT	3.0	-	9.33	7.05	5.59	4.62	3.91	3.39	2.94	2.48	2.09	1.78	1.51
	HEIGHT	2.0	8.64a	9.22	6.95	5.52	4.57	3.89	3.35	2.86	2.40	2.03	1.74	1.48
	HEIGHT	1.0	8.33a	9.03	6.79	5.39	4.45	3.75	3.19	2.72	2.30	1.96	1.67	1.44
	HEIGHT	0.0	9.86a	8.54	6.42	5.10	4.23	3.56	3.06	2.58	2.18	1.86	1.61	1.40
	HEIGHT	-1.0	10.00	8.29	6.19	4.91	4.07	3.43	2.87	2.41	2.06	1.79	1.55	-
	HEIGHT	-2.0	10.00	8.24	6.10	4.86	3.89	3.23	2.69	2.31	1.98	1.74	-	-
	HEIGHT	-3.0	10.00	8.14	5.94	4.63	3.76	3.09	2.62	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	45 of 108

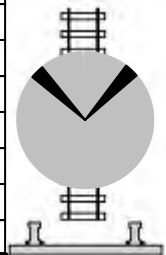
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

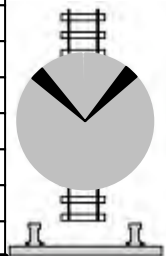
Duty	Config	Sector	Osc Axle	Safety
2eL	RAIL	$\pm 40^\circ - \pm 50^\circ$ Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.13	4.27	3.61	3.08	2.66	2.27	-	-
	HEIGHT	5.0	-	6.01a	6.09a	5.97	4.90	4.10	3.49	2.61a	2.60	2.27	1.97	-
	HEIGHT	4.0	-	-	7.17	5.48	4.53	3.83	3.29	2.86	2.50	2.21	1.94	-
	HEIGHT	3.0	-	8.86b	6.79	5.17	4.11	3.53	3.07	2.70	2.38	2.12	1.88	1.68
	HEIGHT	2.0	6.41a	6.22a	6.24	4.80	3.84	3.27	2.87	2.54	2.26	2.02	1.81	1.63
	HEIGHT	1.0	4.29a	4.52a	4.87a	4.47	3.60	3.11	2.73	2.42	2.16	1.94	1.75	1.59
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.24	3.52	3.02	2.65	2.35	2.10	1.89	1.72	1.57
	HEIGHT	-1.0	4.58a	4.55a	4.92a	4.25	3.53	3.01	2.62	2.32	2.08	1.88	1.71	-
	HEIGHT	-2.0	7.54a	7.31	5.47	4.34	3.58	3.05	2.65	2.35	2.11	1.92	-	-
	HEIGHT	-3.0	10.00	7.59	5.70	4.53	3.75	3.19	2.79	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2eL	RAIL	$\pm 40^\circ - \pm 50^\circ$ Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	4.41	3.67	3.07	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.27	4.44	3.78	3.18	2.69	2.27	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.18a	5.17	4.38	3.77	3.24	2.75	2.33	1.98	-
	HEIGHT	4.0	-	-	7.51	6.07	5.05	4.30	3.73	3.24	2.75	2.34	2.00	-
	HEIGHT	3.0	-	9.40b	7.28b	5.92	4.94	4.23	3.69	3.21	2.73	2.31	1.98	1.69
	HEIGHT	2.0	8.64a	9.28b	7.17b	5.84	4.89	4.20	3.64	3.14	2.64	2.25	1.93	1.66
	HEIGHT	1.0	8.33a	9.10	7.05	5.70	4.76	4.05	3.48	2.99	2.54	2.17	1.86	1.61
	HEIGHT	0.0	9.86a	8.62	6.68	5.41	4.53	3.86	3.34	2.84	2.41	2.07	1.79	1.57
	HEIGHT	-1.0	10.00	8.37	6.44	5.21	4.38	3.72	3.13	2.65	2.28	1.99	1.73	-
	HEIGHT	-2.0	10.00	8.32	6.36	5.15	4.19	3.51	2.95	2.54	2.20	1.93	-	-
	HEIGHT	-3.0	10.00	8.23	6.19	4.91	4.04	3.36	2.87	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	46 of 108

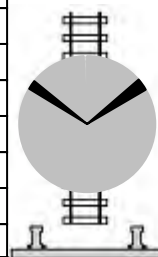
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

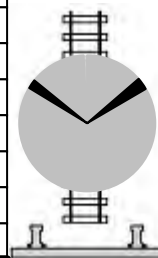
Duty	Config	Sector	Osc Axle	Safety
2fU	RAIL  0mm - 50mm	+/- 50° - +/- 60° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.90	3.75a	3.31	-	-	-	-	-	-
	7.0	-	-	-	4.95	4.07	3.42	2.89	2.46	-	-	-	-	-
	6.0	-	-	4.78a	4.85	4.00	3.37	2.88	2.47	2.14	1.84	-	-	-
	5.0	-	6.01a	5.65	4.57	3.81	3.23	2.77	2.40	2.10	1.83	1.60	-	-
	4.0	-	-	5.34	4.18	3.51	3.01	2.61	2.29	2.01	1.78	1.57	-	-
	3.0	-	6.71	5.05	3.94	3.18	2.77	2.43	2.15	1.91	1.70	1.52	1.36	-
	2.0	6.41a	6.13	4.62	3.64	2.96	2.55	2.26	2.02	1.81	1.62	1.46	1.32	-
	1.0	4.29a	4.52a	4.24	3.38	2.77	2.42	2.15	1.92	1.72	1.56	1.41	1.28	-
	0.0	4.11a	4.15a	4.00	3.20	2.70	2.35	2.08	1.86	1.67	1.52	1.38	1.27	-
	-1.0	4.58a	4.55a	3.94	3.21	2.71	2.34	2.06	1.84	1.65	1.51	1.38	-	-
	-2.0	7.11	5.19	4.03	3.28	2.75	2.37	2.08	1.86	1.68	1.54	-	-	-
	-3.0	7.36	5.39	4.21	3.43	2.89	2.49	2.20	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2fU	RAIL  0mm - 50mm	+/- 50° - +/- 60° Over Osc End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.92	4.01	3.31	-	-	-	-	-	-	
	7.0	-	-	-	4.98	4.14	3.49	2.93	2.46	-	-	-	-	-	
	6.0	-	-	4.80a	4.92	4.11	3.51	3.02	2.56	2.17	1.84	-	-	-	
	5.0	-	6.17a	5.85	4.79	4.03	3.46	3.01	2.61	2.21	1.89	1.60	-	-	
	4.0	-	-	5.63	4.64	3.93	3.39	2.97	2.61	2.22	1.89	1.62	-	-	
	3.0	-	6.83	5.46	4.53	3.85	3.34	2.94	2.59	2.20	1.87	1.60	1.37	-	
	2.0	8.64a	6.74	5.38	4.47	3.81	3.32	2.90	2.51	2.13	1.82	1.56	1.34	-	
	1.0	8.33a	6.52	5.25	4.36	3.70	3.19	2.76	2.39	2.04	1.75	1.50	1.30	-	
	0.0	8.09	6.16	4.96	4.12	3.52	3.03	2.65	2.27	1.93	1.66	1.44	1.27	-	
	-1.0	7.96	5.98	4.78	3.97	3.39	2.92	2.48	2.11	1.83	1.59	1.39	-	-	
	-2.0	7.93	5.94	4.72	3.92	3.24	2.75	2.33	2.02	1.75	1.55	-	-	-	
	-3.0	7.98	5.87	4.59	3.73	3.12	2.63	2.26	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	47 of 108

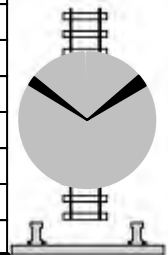
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

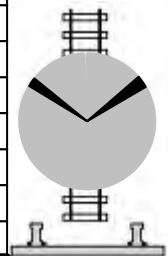
Duty	Config	Sector	Osc Axle	Safety
2fL	RAIL  0mm - 50mm	+/- 50° - +/- 60° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.52	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	4.26	3.63	2.95a	2.68	-	-	-	-	-	
	6.0	-	-	4.78a	4.97	4.19	3.58	3.10	2.69	2.35	2.04	-	-	-	
	5.0	-	6.01a	5.66	4.71	4.00	3.44	3.00	2.61a	2.31	2.04	1.79	-	-	
	4.0	-	-	5.37	4.32	3.70	3.23	2.83	2.50	2.22	1.98	1.77	-	-	
	3.0	-	6.51	5.09	4.09	3.37	2.98	2.64	2.36	2.12	1.90	1.71	1.54	-	
	2.0	6.41a	5.97	4.69	3.80	3.15	2.76	2.47	2.23	2.01	1.82	1.65	1.50	-	
	1.0	4.29a	4.52a	4.32	3.54	2.96	2.62	2.35	2.13	1.93	1.75	1.60	1.46	-	
	0.0	4.11a	4.15a	4.09	3.37	2.90	2.56	2.29	2.06	1.87	1.71	1.57	1.44	-	
	-1.0	4.58a	4.55a	4.03	3.37	2.90	2.55	2.27	2.04	1.85	1.70	1.56	-	-	
	-2.0	6.61	5.11	4.12	3.44	2.94	2.58	2.29	2.06	1.88	1.73	-	-	-	
	-3.0	6.83	5.30	4.29	3.59	3.08	2.70	2.41	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
2fL	RAIL  0mm - 50mm	+/- 50° - +/- 60° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.04	4.20	3.52	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	4.33	3.70	3.15	2.68	-	-	-	-	-	
	6.0	-	-	4.80a	5.04	4.30	3.72	3.24	2.78	2.39	2.04	-	-	-	
	5.0	-	6.17a	5.85	4.92	4.22	3.67	3.23	2.83	2.43	2.09	1.79	-	-	
	4.0	-	-	5.64	4.78	4.12	3.61	3.19	2.84	2.44	2.10	1.81	-	-	
	3.0	-	6.62	5.48	4.66	4.04	3.55	3.16	2.81	2.42	2.08	1.79	1.55	-	
	2.0	8.23	6.54	5.41	4.60	4.00	3.53	3.13	2.74	2.34	2.02	1.76	1.52	-	
	1.0	7.80	6.33	5.29	4.50	3.89	3.41	2.98	2.61	2.25	1.95	1.69	1.48	-	
	0.0	7.47	6.01	5.01	4.27	3.71	3.25	2.87	2.48	2.14	1.86	1.63	1.44	-	
	-1.0	7.35	5.83	4.84	4.11	3.58	3.13	2.70	2.32	2.03	1.79	1.58	-	-	
	-2.0	7.33	5.80	4.77	4.07	3.43	2.96	2.54	2.23	1.95	1.74	-	-	-	
	-3.0	7.37	5.73	4.65	3.88	3.31	2.84	2.47	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	48 of 108

RATED LIFT CAPACITY CHART

RIS 1530

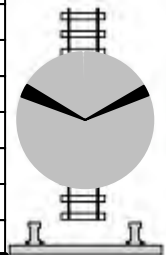
Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
2gU	RAIL	+/- 60° - +/- 70° Over Osc End		67%
				
	0mm - 50mm			

RADIUS

MINIMUM LOADS

HEIGHT	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
8.0	-	-	-	5.02a	3.75a	3.38	-	-	-	-	-	-	-
7.0	-	-	-	5.06a	4.30	3.51	2.90	2.41	-	-	-	-	-
6.0	-	-	4.78a	5.04a	4.21	3.45	2.88	2.43	2.06	1.73	-	-	-
5.0	-	6.01a	6.09a	4.95	3.99	3.29	2.76	2.35	2.01	1.73	1.48	-	-
4.0	-	-	6.03	4.47	3.63	3.04	2.58	2.22	1.92	1.67	1.46	-	-
3.0	-	8.13	5.65	4.18	3.24	2.75	2.37	2.07	1.80	1.59	1.40	1.23	-
2.0	6.41a	6.22a	5.11	3.82	2.98	2.51	2.18	1.92	1.70	1.50	1.33	1.19	-
1.0	4.29a	4.52a	4.63	3.50	2.75	2.35	2.05	1.81	1.60	1.43	1.28	1.15	-
0.0	4.11a	4.15a	4.31	3.28	2.68	2.27	1.98	1.74	1.54	1.38	1.25	1.13	-
-1.0	4.58a	4.55a	4.24	3.29	2.68	2.26	1.95	1.72	1.52	1.37	1.24	-	-
-2.0	7.54a	6.05	4.36	3.37	2.73	2.30	1.98	1.74	1.55	1.41	-	-	-
-3.0	9.84	6.32	4.59	3.56	2.89	2.43	2.11	-	-	-	-	-	-
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-

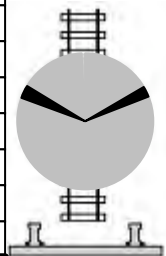


Duty	Config	Sector	Osc Axle	Safety
2gU	RAIL	+/- 60° - +/- 70° Over Osc End		67%
				
	0mm - 50mm			

RADIUS

MAXIMUM LOADS

HEIGHT	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
8.0	-	-	-	5.30a	4.23	3.38	-	-	-	-	-	-	-
7.0	-	-	-	5.10a	4.38	3.59	2.94	2.42	-	-	-	-	-
6.0	-	-	4.80a	5.14a	4.35	3.61	3.04	2.52	2.09	1.73	-	-	-
5.0	-	6.17a	6.38a	5.22	4.25	3.55	3.03	2.58	2.14	1.79	1.49	-	-
4.0	-	-	6.39	5.04	4.13	3.48	2.99	2.58	2.15	1.79	1.51	-	-
3.0	-	8.29	6.17	4.89	4.03	3.41	2.95	2.55	2.13	1.77	1.48	1.24	-
2.0	8.64a	8.16	6.08	4.82	3.99	3.39	2.91	2.47	2.05	1.71	1.44	1.21	-
1.0	8.33a	7.86	5.91	4.69	3.86	3.25	2.75	2.33	1.95	1.64	1.38	1.17	-
0.0	9.86a	7.38	5.54	4.40	3.64	3.06	2.62	2.19	1.83	1.54	1.32	1.13	-
-1.0	10.00	7.12	5.31	4.21	3.49	2.93	2.43	2.02	1.71	1.47	1.26	-	-
-2.0	10.00	7.07	5.23	4.16	3.31	2.73	2.26	1.92	1.63	1.42	-	-	-
-3.0	10.00	6.97	5.07	3.93	3.17	2.59	2.18	-	-	-	-	-	-
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	49 of 108

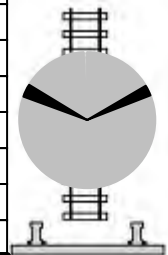
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

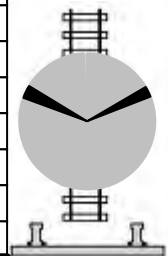
Duty	Config	Sector	Osc Axle	Safety
2gL	RAIL	+/- 60° - +/- 70° Over Osc End		75%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.79	-	-	-	-	-	-	-
		7.0	-	-	-	5.06a	4.81	3.76a	2.95a	2.70	-	-	-	-	-
		6.0	-	-	4.78a	5.04a	4.72	3.87	3.23	2.72	2.31	1.94	-	-	-
		5.0	-	6.01a	6.09a	5.55	4.47	3.69	3.10	2.61a	2.26	1.94	1.66	-	-
		4.0	-	-	6.75	5.01	4.07	3.41	2.89	2.48	2.15	1.88	1.63	-	-
		3.0	-	8.86b	6.33	4.68	3.63	3.09	2.66	2.32	2.02	1.78	1.56	1.38	-
		2.0	6.41a	6.22a	5.73	4.28	3.34	2.81	2.45	2.15	1.90	1.68	1.49	1.33	-
		1.0	4.29a	4.52a	4.87a	3.92	3.09	2.64	2.30	2.03	1.79	1.60	1.43	1.29	-
		0.0	4.11a	4.15a	4.39a	3.68	3.00	2.55	2.22	1.95	1.73	1.55	1.40	1.27	-
		-1.0	4.58a	4.55a	4.75	3.68	3.01	2.54	2.19	1.92	1.70	1.54	1.39	-	-
		-2.0	7.54a	6.78	4.89	3.78	3.06	2.57	2.21	1.95	1.74	1.58	-	-	-
		-3.0	10.00	7.09	5.14	3.99	3.24	2.73	2.37	-	-	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2gL	RAIL	+/- 60° - +/- 70° Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.73	3.79	-	-	-	-	-	-
		7.0	-	-	-	5.10a	4.91	4.02	3.29	2.71	-	-	-	-
		6.0	-	-	4.80a	5.14a	4.87	4.05	3.41	2.83	2.35	1.94	-	-
		5.0	-	6.17a	6.38a	5.85	4.76	3.98	3.39	2.88	2.40	2.01	1.66	-
		4.0	-	-	7.16	5.65	4.63	3.90	3.35	2.89	2.41	2.01	1.69	-
		3.0	-	9.20	6.92	5.48	4.52	3.83	3.31	2.86	2.38	1.99	1.66	1.39
		2.0	8.64a	9.07	6.81	5.40	4.47	3.80	3.26	2.77	2.30	1.92	1.62	1.36
		1.0	8.33a	8.81	6.62	5.25	4.33	3.64	3.08	2.61	2.18	1.83	1.54	1.32
		0.0	9.86a	8.26	6.21	4.93	4.08	3.43	2.94	2.46	2.05	1.73	1.48	1.27
	-1.0	10.00	7.98	5.95	4.72	3.91	3.28	2.72	2.27	1.92	1.65	1.41	-	-
	-2.0	10.00	7.92	5.86	4.66	3.71	3.06	2.53	2.15	1.83	1.59	-	-	-
	-3.0	10.00	7.81	5.68	4.40	3.56	2.91	2.44	-	-	-	-	-	-
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	50 of 108

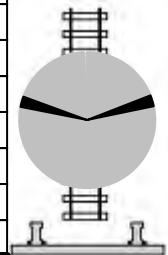
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

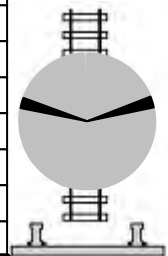
Duty	Config	Sector	Osc Axle	Safety
2hU	RAIL	+/- 70° - +/- 80° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.86	3.75a	3.14	-	-	-	-	-	-	
	7.0	-	-	-	4.92	3.96	3.25	2.70	2.26	-	-	-	-	-	
	6.0	-	-	4.78a	4.81	3.88	3.20	2.69	2.27	1.94	1.63	-	-	-	
	5.0	-	6.01a	5.73	4.50	3.67	3.05	2.58	2.20	1.89	1.63	1.40	-	-	
	4.0	-	-	5.37	4.06	3.33	2.81	2.40	2.07	1.80	1.57	1.37	-	-	
	3.0	-	7.04	5.03	3.78	2.96	2.54	2.20	1.93	1.69	1.49	1.31	1.16	-	
	2.0	6.41a	6.22a	4.54	3.45	2.72	2.31	2.02	1.79	1.59	1.41	1.25	1.12	-	
	1.0	4.29a	4.52a	4.10	3.15	2.51	2.16	1.90	1.68	1.50	1.34	1.20	1.08	-	
	0.0	4.11a	4.15a	3.82	2.95	2.44	2.09	1.83	1.62	1.44	1.29	1.17	1.06	-	
	-1.0	4.58a	4.55a	3.75	2.96	2.44	2.08	1.80	1.59	1.42	1.28	1.17	-	-	
	-2.0	7.54a	5.20	3.86	3.03	2.49	2.11	1.83	1.61	1.45	1.32	-	-	-	
	-3.0	8.01	5.44	4.06	3.21	2.64	2.24	1.96	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
2hU	RAIL	+/- 70° - +/- 80° Over Osc End		67%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.89	3.89	3.14	-	-	-	-	-	-	
	7.0	-	-	-	4.96	4.03	3.33	2.74	2.26	-	-	-	-	-	
	6.0	-	-	4.80a	4.89	4.00	3.35	2.84	2.37	1.97	1.63	-	-	-	
	5.0	-	6.17a	5.96	4.75	3.91	3.30	2.83	2.42	2.02	1.69	1.40	-	-	
	4.0	-	-	5.70	4.58	3.80	3.23	2.79	2.42	2.02	1.69	1.42	-	-	
	3.0	-	7.17	5.51	4.45	3.71	3.17	2.75	2.40	2.00	1.67	1.40	1.17	-	
	2.0	8.64a	7.07	5.42	4.38	3.66	3.14	2.72	2.32	1.93	1.61	1.36	1.14	-	
	1.0	8.33a	6.80	5.27	4.25	3.55	3.01	2.57	2.18	1.83	1.54	1.29	1.10	-	
	0.0	8.96	6.37	4.93	3.99	3.34	2.83	2.44	2.05	1.71	1.45	1.24	1.06	-	
	-1.0	8.78	6.15	4.72	3.81	3.20	2.71	2.26	1.89	1.60	1.38	1.18	-	-	
	-2.0	8.75	6.10	4.65	3.76	3.03	2.52	2.09	1.79	1.53	1.33	-	-	-	
	-3.0	8.81	6.02	4.50	3.55	2.90	2.39	2.02	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	51 of 108

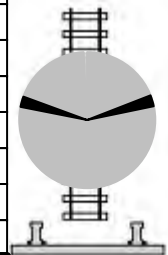
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

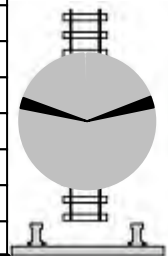
Duty	Config	Sector	Osc Axle	Safety
2hL	RAIL	$\pm 70^\circ - \pm 80^\circ$ Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.64	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.64	3.76a	2.95a	2.59	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.55	3.72	3.10	2.61	2.21	1.85	-	-
	HEIGHT	5.0	-	6.01a	6.09a	5.34	4.30	3.54	2.97	2.52	2.15	1.85	1.58	-
	HEIGHT	4.0	-	-	6.50	4.81	3.90	3.26	2.76	2.37	2.05	1.78	1.55	-
	HEIGHT	3.0	-	8.77	6.08	4.48	3.46	2.94	2.53	2.20	1.92	1.69	1.48	1.30
	HEIGHT	2.0	6.41a	6.22a	5.47	4.07	3.17	2.67	2.32	2.04	1.80	1.59	1.41	1.25
	HEIGHT	1.0	4.29a	4.52a	4.87a	3.72	2.91	2.49	2.17	1.91	1.69	1.51	1.35	1.21
	HEIGHT	0.0	4.11a	4.15a	4.39a	3.47	2.83	2.40	2.09	1.84	1.63	1.46	1.31	1.19
	HEIGHT	-1.0	4.58a	4.55a	4.50	3.48	2.84	2.39	2.06	1.81	1.60	1.44	1.31	-
	HEIGHT	-2.0	7.54a	6.44	4.63	3.57	2.89	2.43	2.09	1.83	1.64	1.49	-	-
	HEIGHT	-3.0	10.00	6.75	4.88	3.78	3.07	2.58	2.24	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2hL	RAIL	$\pm 70^\circ - \pm 80^\circ$ Over Osc End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.57	3.64	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.74	3.87	3.16	2.59	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.70	3.90	3.28	2.71	2.24	1.85	-	-
	HEIGHT	5.0	-	6.17a	6.38a	5.64	4.59	3.84	3.27	2.77	2.30	1.91	1.58	-
	HEIGHT	4.0	-	-	6.90	5.44	4.46	3.75	3.22	2.78	2.31	1.92	1.60	-
	HEIGHT	3.0	-	8.90	6.66	5.28	4.35	3.68	3.18	2.75	2.28	1.89	1.58	1.31
	HEIGHT	2.0	8.64a	8.77	6.55	5.20	4.30	3.65	3.13	2.66	2.19	1.83	1.53	1.28
	HEIGHT	1.0	8.33a	8.47	6.37	5.05	4.16	3.49	2.96	2.50	2.08	1.74	1.46	1.24
	HEIGHT	0.0	9.86a	7.92	5.96	4.73	3.91	3.29	2.81	2.35	1.95	1.64	1.39	1.19
	HEIGHT	-1.0	10.00	7.64	5.70	4.52	3.74	3.14	2.60	2.15	1.82	1.55	1.33	-
	HEIGHT	-2.0	10.00	7.58	5.60	4.45	3.54	2.92	2.40	2.03	1.73	1.50	-	-
	HEIGHT	-3.0	10.00	7.47	5.42	4.20	3.38	2.76	2.31	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	52 of 108

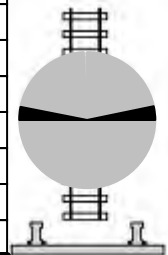
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

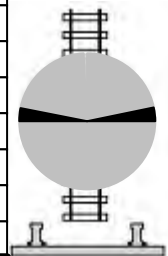
Duty	Config	Sector	Osc Axle	Safety
2iU	RAIL  0mm - 50mm	+/- 80° - +/- 90° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.47	3.63	2.97	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.52	3.70	3.08	2.58	2.18	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	4.42	3.62	3.03	2.57	2.19	1.88	1.60	-	-
	HEIGHT	5.0	-	6.01a	5.15	4.14	3.43	2.89	2.47	2.12	1.84	1.59	1.37	-
	HEIGHT	4.0	-	-	4.84	3.74	3.13	2.67	2.30	2.00	1.75	1.54	1.35	-
	HEIGHT	3.0	-	6.12	4.54	3.49	2.79	2.42	2.12	1.87	1.65	1.46	1.30	1.15
	HEIGHT	2.0	6.41a	5.52	4.11	3.20	2.57	2.21	1.95	1.74	1.55	1.38	1.24	1.11
	HEIGHT	1.0	4.29a	4.52a	3.72	2.93	2.37	2.07	1.83	1.64	1.46	1.31	1.19	1.07
	HEIGHT	0.0	4.11a	4.15a	3.47	2.75	2.31	2.00	1.77	1.57	1.41	1.27	1.16	1.06
	HEIGHT	-1.0	4.58a	4.47	3.41	2.75	2.31	1.99	1.75	1.55	1.39	1.26	1.15	-
	HEIGHT	-2.0	6.34	4.56	3.51	2.82	2.35	2.02	1.77	1.57	1.42	1.30	-	-
	HEIGHT	-3.0	6.59	4.76	3.68	2.98	2.49	2.14	1.89	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2iU	RAIL  0mm - 50mm	+/- 80° - +/- 90° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.49	3.64	2.97	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.55	3.77	3.15	2.62	2.18	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	4.49	3.74	3.17	2.71	2.28	1.91	1.60	-	-
	HEIGHT	5.0	-	6.17a	5.35	4.36	3.65	3.12	2.70	2.33	1.96	1.65	1.38	-
	HEIGHT	4.0	-	-	5.13	4.21	3.55	3.05	2.66	2.33	1.96	1.65	1.40	-
	HEIGHT	3.0	-	6.24	4.96	4.09	3.47	3.00	2.63	2.31	1.94	1.63	1.38	1.16
	HEIGHT	2.0	8.26	6.14	4.88	4.03	3.43	2.98	2.60	2.23	1.87	1.58	1.34	1.13
	HEIGHT	1.0	7.74	5.92	4.75	3.92	3.32	2.85	2.46	2.11	1.78	1.51	1.28	1.10
	HEIGHT	0.0	7.35	5.55	4.45	3.68	3.13	2.69	2.34	1.98	1.67	1.42	1.22	1.06
	HEIGHT	-1.0	7.21	5.36	4.27	3.52	3.00	2.58	2.17	1.83	1.57	1.35	1.17	-
	HEIGHT	-2.0	7.18	5.32	4.20	3.48	2.85	2.40	2.01	1.73	1.49	1.31	-	-
	HEIGHT	-3.0	7.23	5.25	4.07	3.29	2.73	2.28	1.95	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	53 of 108

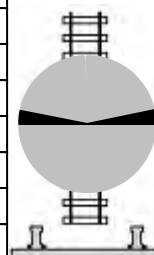
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

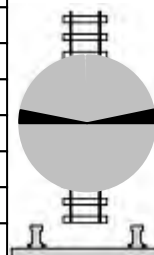
Duty	Config	Sector	Osc Axle	Safety
2iL	RAIL  0mm - 50mm	+/- 80° - +/- 90° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.00	3.75a	3.33	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	4.14	3.45	2.89	2.44	-	-	-	-
	6.0	-	-	-	4.78a	4.94	4.06	3.39	2.88	2.45	2.11	1.79	-	-
	5.0	-	-	6.01a	5.76	4.63	3.84	3.23	2.76	2.37	2.06	1.78	1.54	-
	4.0	-	-	-	5.42	4.19	3.50	2.99	2.58	2.24	1.96	1.72	1.51	-
	3.0	-	-	6.85	5.08	3.91	3.12	2.71	2.37	2.09	1.85	1.64	1.45	1.29
	2.0	6.41a	6.18	4.60	3.58	2.87	2.47	2.18	1.94	1.74	1.55	1.38	1.24	-
	1.0	4.29a	4.52a	4.16	3.28	2.65	2.32	2.05	1.83	1.64	1.47	1.33	1.20	-
	0.0	4.11a	4.15a	3.88	3.08	2.58	2.24	1.98	1.76	1.58	1.43	1.30	1.18	-
	-1.0	4.58a	4.55a	3.82	3.08	2.59	2.23	1.95	1.74	1.56	1.41	1.29	-	-
	-2.0	7.09	5.10	3.92	3.16	2.63	2.26	1.98	1.76	1.59	1.45	-	-	-
	-3.0	7.38	5.33	4.12	3.34	2.79	2.40	2.11	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2iL	RAIL  0mm - 50mm	+/- 80° - +/- 90° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.02	4.07	3.33	-	-	-	-	-	-
	7.0	-	-	-	-	5.10	4.21	3.53	2.93	2.44	-	-	-	-
	6.0	-	-	-	4.80a	5.03	4.18	3.55	3.04	2.55	2.14	1.79	-	-
	5.0	-	-	6.17a	5.99	4.88	4.09	3.49	3.02	2.60	2.19	1.84	1.54	-
	4.0	-	-	-	5.74	4.72	3.98	3.42	2.98	2.61	2.20	1.85	1.56	-
	3.0	-	-	6.98	5.55	4.58	3.88	3.36	2.95	2.58	2.17	1.83	1.54	1.30
	2.0	8.64a	6.88	5.46	4.51	3.84	3.33	2.91	2.50	2.09	1.77	1.50	1.27	-
	1.0	8.33a	6.62	5.31	4.39	3.72	3.19	2.75	2.36	1.99	1.69	1.43	1.23	-
	0.0	8.22	6.22	4.98	4.12	3.51	3.01	2.62	2.22	1.87	1.59	1.37	1.18	-
	-1.0	8.07	6.00	4.78	3.94	3.36	2.88	2.43	2.05	1.75	1.52	1.31	-	-
	-2.0	8.04	5.96	4.70	3.89	3.19	2.69	2.26	1.94	1.67	1.47	-	-	-
	-3.0	8.09	5.88	4.56	3.68	3.06	2.55	2.18	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	54 of 108

RATED LIFT CAPACITY CHART

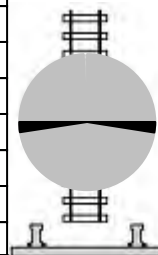
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
2jU	RAIL  0mm - 50mm	+/- 90° - +/- 100° Over Fixed End		67%

MINIMUM LOADS

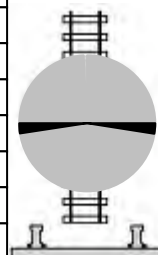
RADIUS													
	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
HEIGHT	8.0	-	-	-	4.63	3.75a	3.09	-	-	-	-	-	-
	7.0	-	-	-	4.68	3.83	3.20	2.69	2.27	-	-	-	-
	6.0	-	-	4.78a	4.58	3.76	3.15	2.68	2.29	1.97	1.68	-	-
	5.0	-	6.01a	5.34	4.30	3.57	3.01	2.57	2.22	1.92	1.67	1.45	-
	4.0	-	-	5.03	3.90	3.26	2.79	2.41	2.10	1.84	1.62	1.42	-
	3.0	-	6.36	4.73	3.65	2.92	2.54	2.22	1.96	1.74	1.54	1.37	1.22
	2.0	6.41a	5.76	4.30	3.36	2.70	2.33	2.06	1.83	1.64	1.46	1.31	1.18
	1.0	4.29a	4.52a	3.91	3.09	2.51	2.19	1.94	1.73	1.55	1.39	1.26	1.14
	0.0	4.11a	4.15a	3.66	2.91	2.44	2.12	1.87	1.67	1.50	1.35	1.23	1.12
	-1.0	4.58a	4.55a	3.60	2.91	2.45	2.11	1.85	1.65	1.48	1.34	1.23	-
-2.0	6.65	4.79	3.70	2.98	2.49	2.14	1.87	1.67	1.50	1.38	-	-	
-3.0	6.91	5.00	3.88	3.14	2.63	2.26	1.99	-	-	-	-	-	
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
2jU	RAIL  0mm - 50mm	+/- 90° - +/- 100° Over Fixed End		67%

MAXIMUM LOADS

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
HEIGHT	8.0	-	-	-	4.65	3.77	3.09	-	-	-	-	-	-	-
	7.0	-	-	-	4.71	3.90	3.27	2.73	2.28	-	-	-	-	-
	6.0	-	-	4.80a	4.65	3.87	3.29	2.82	2.37	2.00	1.68	-	-	-
	5.0	-	6.17a	5.54	4.52	3.79	3.24	2.81	2.42	2.04	1.73	1.45	-	-
	4.0	-	-	5.32	4.37	3.69	3.17	2.77	2.43	2.05	1.73	1.47	-	-
	3.0	-	6.47	5.15	4.25	3.61	3.12	2.74	2.40	2.03	1.71	1.45	1.23	-
	2.0	8.57	6.38	5.07	4.19	3.56	3.10	2.70	2.33	1.96	1.66	1.41	1.20	-
	1.0	8.06	6.16	4.94	4.08	3.46	2.97	2.56	2.20	1.87	1.59	1.35	1.16	-
	0.0	7.67	5.79	4.64	3.84	3.27	2.81	2.45	2.08	1.76	1.50	1.29	1.12	-
	-1.0	7.53	5.60	4.46	3.68	3.14	2.70	2.28	1.92	1.65	1.43	1.24	-	-
-2.0	7.50	5.56	4.39	3.64	2.99	2.52	2.12	1.83	1.58	1.39	-	-	-	
-3.0	7.55	5.49	4.26	3.45	2.87	2.40	2.05	-	-	-	-	-	-	
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	55 of 108

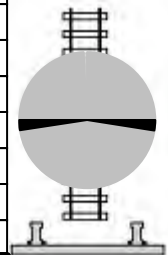
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

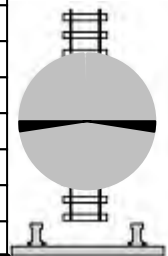
Duty	Config	Sector	Osc Axle	Safety
2jL	RAIL  0mm - 50mm	+/- 90° - +/- 100° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.61	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	4.52	3.74	2.95a	2.63	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	4.43	3.69	3.11	2.65	2.27	1.92	-	-	-	
	5.0	-	6.01a	6.09a	5.12	4.20	3.52	2.99	2.56	2.22	1.92	1.66	-	-	
	4.0	-	-	6.08	4.64	3.84	3.26	2.80	2.43	2.12	1.86	1.63	-	-	
	3.0	-	7.85	5.71	4.35	3.44	2.97	2.58	2.27	2.00	1.77	1.56	1.39	-	
	2.0	6.41a	6.22a	5.18	3.99	3.18	2.71	2.39	2.11	1.88	1.68	1.50	1.34	-	
	1.0	4.29a	4.52a	4.71	3.67	2.95	2.55	2.25	2.00	1.78	1.60	1.44	1.30	-	
	0.0	4.11a	4.15a	4.39a	3.45	2.87	2.47	2.17	1.93	1.72	1.55	1.41	1.28	-	
	-1.0	4.58a	4.55a	4.34	3.46	2.88	2.46	2.14	1.90	1.70	1.54	1.40	-	-	
	-2.0	7.54a	5.91	4.45	3.54	2.92	2.49	2.17	1.92	1.73	1.58	-	-	-	
	-3.0	8.85	6.17	4.67	3.73	3.09	2.64	2.31	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
2jL	RAIL  0mm - 50mm	+/- 90° - +/- 100° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.45	3.61	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	4.60	3.83	3.17	2.64	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	4.57	3.85	3.28	2.75	2.30	1.92	-	-	-	
	5.0	-	6.17a	6.38a	5.39	4.47	3.79	3.27	2.80	2.36	1.98	1.66	-	-	
	4.0	-	-	6.43	5.21	4.35	3.71	3.22	2.81	2.36	1.99	1.68	-	-	
	3.0	-	8.00	6.22	5.06	4.25	3.65	3.18	2.78	2.34	1.96	1.66	1.40	-	
	2.0	8.64a	7.88	6.12	4.99	4.20	3.62	3.14	2.70	2.25	1.90	1.62	1.37	-	
	1.0	8.33a	7.60	5.96	4.86	4.08	3.47	2.98	2.55	2.15	1.82	1.54	1.33	-	
	0.0	9.82	7.15	5.60	4.57	3.85	3.28	2.84	2.40	2.02	1.72	1.48	1.28	-	
	-1.0	9.64	6.91	5.38	4.38	3.70	3.15	2.64	2.22	1.90	1.64	1.42	-	-	
	-2.0	9.61	6.86	5.30	4.33	3.51	2.95	2.46	2.11	1.82	1.59	-	-	-	
	-3.0	9.67	6.77	5.14	4.10	3.37	2.80	2.38	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	56 of 108

RATED LIFT CAPACITY CHART

RIS 1530

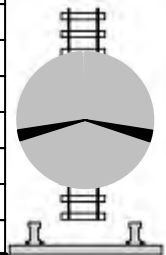
Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
2kU	RAIL	$\pm 100^\circ - \pm 110^\circ$ Over Fixed End		67%
				
	0mm - 50mm			

RADIUS

MINIMUM LOADS

HEIGHT	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
8.0	-	-	-	4.79	3.75a	3.21	-	-	-	-	-	-	-
7.0	-	-	-	4.84	3.97	3.32	2.80	2.37	-	-	-	-	-
6.0	-	-	4.78a	4.74	3.90	3.27	2.78	2.38	2.05	1.76	-	-	-
5.0	-	6.01a	5.53	4.46	3.70	3.13	2.68	2.31	2.01	1.75	1.52	-	-
4.0	-	-	5.22	4.06	3.40	2.91	2.51	2.20	1.93	1.70	1.50	-	-
3.0	-	6.60	4.92	3.81	3.06	2.66	2.33	2.06	1.82	1.62	1.44	1.28	-
2.0	6.41a	6.00	4.49	3.51	2.84	2.44	2.16	1.93	1.72	1.54	1.38	1.24	-
1.0	4.29a	4.52a	4.10	3.25	2.64	2.31	2.04	1.83	1.64	1.47	1.33	1.21	-
0.0	4.11a	4.15a	3.85	3.07	2.58	2.24	1.98	1.77	1.58	1.43	1.30	1.19	-
-1.0	4.58a	4.55a	3.79	3.07	2.59	2.23	1.96	1.74	1.56	1.42	1.30	-	-
-2.0	6.97	5.03	3.89	3.14	2.62	2.26	1.98	1.76	1.59	1.46	-	-	-
-3.0	7.23	5.24	4.07	3.30	2.76	2.38	2.10	-	-	-	-	-	-
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-

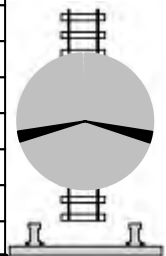


Duty	Config	Sector	Osc Axle	Safety
2kU	RAIL	$\pm 100^\circ - \pm 110^\circ$ Over Fixed End		67%
				
	0mm - 50mm			

RADIUS

MAXIMUM LOADS

HEIGHT	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
8.0	-	-	-	4.81	3.91	3.21	-	-	-	-	-	-	-
7.0	-	-	-	4.87	4.04	3.39	2.83	2.37	-	-	-	-	-
6.0	-	-	4.80a	4.81	4.01	3.41	2.93	2.47	2.09	1.76	-	-	-
5.0	-	6.17a	5.74	4.68	3.93	3.36	2.91	2.52	2.13	1.81	1.52	-	-
4.0	-	-	5.51	4.53	3.83	3.29	2.88	2.52	2.14	1.81	1.54	-	-
3.0	-	6.71	5.34	4.41	3.74	3.24	2.84	2.50	2.11	1.79	1.52	1.30	-
2.0	8.64a	6.62	5.26	4.35	3.70	3.22	2.81	2.43	2.04	1.74	1.49	1.27	-
1.0	8.33a	6.40	5.13	4.24	3.60	3.09	2.67	2.30	1.95	1.67	1.42	1.23	-
0.0	7.99	6.03	4.83	4.00	3.41	2.93	2.55	2.18	1.84	1.58	1.37	1.19	-
-1.0	7.85	5.84	4.65	3.84	3.28	2.81	2.38	2.02	1.74	1.51	1.32	-	-
-2.0	7.82	5.80	4.58	3.80	3.12	2.64	2.23	1.92	1.67	1.47	-	-	-
-3.0	7.87	5.73	4.45	3.61	3.00	2.52	2.16	-	-	-	-	-	-
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	57 of 108

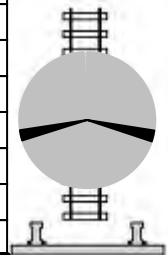
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

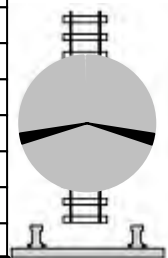
Duty	Config	Sector	Osc Axle	Safety
2kL	RAIL	$\pm 100^\circ - \pm 110^\circ$ Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	5.10	4.31	3.64a	3.15a	2.77	2.40	-	-	-	
	5.0	-	6.01a	6.09a	5.85	4.89	4.15	3.58	2.61a	2.72	2.40	2.10	-	-	
	4.0	-	-	6.88	5.41	4.55	3.91	3.39	2.98	2.63	2.34	2.07	-	-	
	3.0	-	8.68	6.54	5.13	4.17	3.63	3.18	2.82	2.51	2.25	2.01	1.81	-	
	2.0	6.41a	6.22a	6.06	4.80	3.92	3.38	3.00	2.68	2.40	2.16	1.95	1.76	-	
	1.0	4.29a	4.52a	4.87a	4.50	3.70	3.23	2.86	2.56	2.30	2.08	1.89	1.72	-	
	0.0	4.11a	4.15a	4.39a	4.30	3.63	3.15	2.79	2.50	2.24	2.04	1.86	1.71	-	
	-1.0	4.58a	4.55a	4.92a	4.30	3.63	3.14	2.77	2.47	2.22	2.03	1.86	-	-	
	-2.0	7.54a	6.93	5.39	4.38	3.68	3.18	2.79	2.49	2.25	2.06	-	-	-	
	-3.0	9.82	7.16	5.59	4.56	3.84	3.31	2.93	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
2kL	RAIL	$\pm 100^\circ - \pm 110^\circ$ Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	4.44	3.75	3.18	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.23	4.46	3.85	3.28	2.81	2.40	-	-	-	
	5.0	-	6.17a	6.38a	6.11	5.14	4.41	3.84	3.32	2.86	2.46	2.11	-	-	
	4.0	-	-	7.21	5.94	5.02	4.33	3.80	3.33	2.86	2.46	2.13	-	-	
	3.0	-	8.81	7.01	5.80	4.93	4.27	3.76	3.30	2.82	2.44	2.10	1.82	-	
	2.0	8.64a	8.71	6.93	5.74	4.88	4.25	3.72	3.23	2.76	2.38	2.06	1.79	-	
	1.0	8.33a	8.46	6.78	5.61	4.77	4.11	3.56	3.09	2.66	2.30	1.99	1.75	-	
	0.0	9.86a	8.05	6.45	5.34	4.55	3.93	3.43	2.95	2.54	2.20	1.93	1.71	-	
	-1.0	10.00	7.83	6.24	5.17	4.41	3.80	3.24	2.78	2.42	2.13	1.87	-	-	
	-2.0	10.00	7.79	6.17	5.11	4.24	3.61	3.07	2.67	2.34	2.08	-	-	-	
	-3.0	10.00	7.71	6.02	4.90	4.10	3.47	2.99	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	58 of 108

RATED LIFT CAPACITY CHART

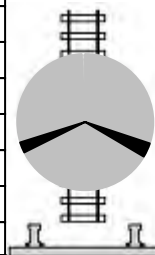
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
2IU	RAIL  0mm - 50mm	+/- 110° - +/- 120° Over Fixed End		67%

MINIMUM LOADS

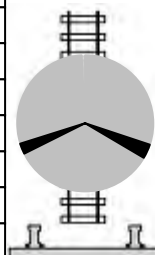
RADIUS													
	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
HEIGHT	8.0	-	-	-	5.02a	3.75a	3.60	-	-	-	-	-	-
	7.0	-	-	-	5.06a	4.39	3.71	2.95a	2.71	-	-	-	-
	6.0	-	-	4.78a	5.04a	4.32	3.66	3.15	2.73	2.38	2.06	-	-
	5.0	-	6.01a	6.02	4.92	4.13	3.53	3.05	2.61a	2.33	2.06	1.81	-
	4.0	-	-	5.73	4.54	3.84	3.32	2.89	2.54	2.25	2.00	1.78	-
	3.0	-	7.12	5.44	4.30	3.52	3.07	2.71	2.41	2.15	1.93	1.73	1.55
	2.0	6.41a	6.22a	5.03	4.02	3.30	2.87	2.55	2.28	2.05	1.85	1.67	1.52
	1.0	4.29a	4.52a	4.67	3.77	3.12	2.74	2.43	2.19	1.97	1.78	1.62	1.48
	0.0	4.11a	4.15a	4.39a	3.59	3.05	2.67	2.37	2.13	1.92	1.74	1.59	1.46
	-1.0	4.58a	4.55a	4.38	3.60	3.06	2.66	2.35	2.10	1.90	1.73	1.59	-
-2.0	7.54a	5.67	4.47	3.66	3.10	2.69	2.37	2.12	1.92	1.77	-	-	
-3.0	7.86	5.86	4.64	3.82	3.23	2.80	2.49	-	-	-	-	-	
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
2IU	RAIL  0mm - 50mm	+/- 110° - +/- 120° Over Fixed End		67%

MAXIMUM LOADS

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
HEIGHT	8.0	-	-	-	5.24	4.33	3.60	-	-	-	-	-	-	-
	7.0	-	-	-	5.10a	4.45	3.78	3.20	2.72	-	-	-	-	-
	6.0	-	-	4.80a	5.14a	4.43	3.80	3.29	2.81	2.41	2.06	-	-	-
	5.0	-	6.17a	6.16	5.13	4.35	3.75	3.28	2.85	2.45	2.11	1.81	-	-
	4.0	-	-	6.00	4.99	4.25	3.68	3.24	2.86	2.45	2.11	1.83	-	-
	3.0	-	7.23	5.84	4.87	4.17	3.63	3.21	2.84	2.43	2.09	1.81	1.57	-
	2.0	8.64a	7.15	5.76	4.82	4.13	3.61	3.17	2.77	2.36	2.04	1.77	1.54	-
	1.0	8.33a	6.94	5.64	4.71	4.03	3.49	3.04	2.64	2.28	1.97	1.71	1.50	-
	0.0	8.54	6.60	5.36	4.49	3.85	3.33	2.93	2.52	2.17	1.89	1.66	1.46	-
	-1.0	8.42	6.42	5.19	4.33	3.72	3.22	2.76	2.37	2.07	1.82	1.61	-	-
-2.0	8.39	6.38	5.12	4.29	3.58	3.06	2.61	2.28	2.00	1.78	-	-	-	
-3.0	8.44	6.32	5.00	4.11	3.46	2.94	2.54	-	-	-	-	-	-	
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	59 of 108

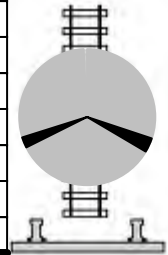
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

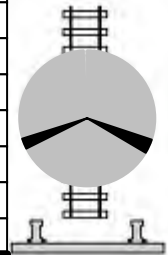
Duty	Config	Sector	Osc Axle	Safety
2IL	RAIL  0mm - 50mm	+/- 110° - +/- 120° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.81	3.76a	2.95a	3.07	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.74	4.07	3.53	3.08	2.71	2.37	-	-
	HEIGHT	5.0	-	6.01a	6.09a	5.34	4.55	3.93	3.43	2.61a	2.66	2.36	2.09	-
	HEIGHT	4.0	-	-	6.13	4.96	4.25	3.71	3.26	2.89	2.58	2.31	2.07	-
	HEIGHT	3.0	-	7.44	5.84	4.72	3.91	3.45	3.07	2.75	2.47	2.23	2.01	1.82
	HEIGHT	2.0	6.41a	6.22a	5.43	4.43	3.69	3.24	2.90	2.62	2.37	2.14	1.95	1.77
	HEIGHT	1.0	4.29a	4.52a	4.87a	4.17	3.50	3.10	2.78	2.51	2.28	2.07	1.89	1.74
	HEIGHT	0.0	4.11a	4.15a	4.39a	3.99	3.44	3.03	2.71	2.45	2.22	2.03	1.86	1.72
	HEIGHT	-1.0	4.58a	4.55a	4.77	4.00	3.44	3.02	2.69	2.43	2.20	2.02	1.86	-
	HEIGHT	-2.0	7.54a	6.01	4.86	4.06	3.48	3.05	2.71	2.45	2.23	2.06	-	-
	HEIGHT	-3.0	8.00	6.21	5.03	4.22	3.62	3.17	2.84	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2IL	RAIL  0mm - 50mm	+/- 110° - +/- 120° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.75	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.88	4.19	3.58	3.07	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.86	4.21	3.67	3.17	2.74	2.37	-	-
	HEIGHT	5.0	-	6.17a	6.38a	5.56	4.77	4.16	3.67	3.22	2.79	2.42	2.10	-
	HEIGHT	4.0	-	-	6.40	5.42	4.67	4.09	3.63	3.22	2.79	2.42	2.11	-
	HEIGHT	3.0	-	7.55	6.24	5.30	4.59	4.04	3.59	3.19	2.77	2.40	2.09	1.83
	HEIGHT	2.0	8.64a	7.47	6.17	5.24	4.55	4.01	3.56	3.13	2.70	2.35	2.06	1.80
	HEIGHT	1.0	8.33a	7.26	6.04	5.13	4.44	3.89	3.42	3.00	2.60	2.27	1.99	1.76
	HEIGHT	0.0	8.65	6.93	5.76	4.90	4.26	3.73	3.30	2.87	2.49	2.18	1.93	1.72
	HEIGHT	-1.0	8.53	6.75	5.58	4.75	4.13	3.61	3.13	2.71	2.38	2.11	1.88	-
	HEIGHT	-2.0	8.51	6.72	5.52	4.70	3.98	3.44	2.97	2.61	2.31	2.07	-	-
	HEIGHT	-3.0	8.55	6.65	5.40	4.51	3.86	3.31	2.90	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	60 of 108

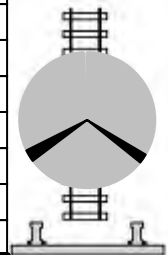
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

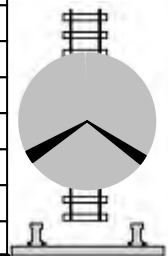
Duty	Config	Sector	Osc Axle	Safety
2mU	RAIL	$\pm 120^\circ - \pm 130^\circ$ Over Fixed End		67%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	4.99	3.76a	2.95a	3.06	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	4.92	4.15	3.56	3.08	2.68	2.33	-	-	-	
	5.0	-	6.01a	6.09a	5.66	4.72	4.01	3.46	2.61a	2.64	2.33	2.05	-	-	
	4.0	-	-	6.68	5.26	4.41	3.79	3.29	2.89	2.55	2.27	2.02	-	-	
	3.0	-	8.47	6.38	5.00	4.07	3.53	3.10	2.75	2.45	2.19	1.97	1.77	-	
	2.0	6.41a	6.22a	5.94	4.70	3.84	3.32	2.93	2.62	2.35	2.11	1.91	1.73	-	
	1.0	4.29a	4.52a	4.87a	4.43	3.65	3.18	2.81	2.52	2.26	2.04	1.86	1.70	-	
	0.0	4.11a	4.15a	4.39a	4.24	3.58	3.11	2.75	2.45	2.21	2.00	1.83	1.68	-	
	-1.0	4.58a	4.55a	4.92a	4.25	3.59	3.10	2.73	2.43	2.19	1.99	1.83	-	-	
	-2.0	7.54a	6.87	5.32	4.32	3.63	3.13	2.75	2.45	2.22	2.03	-	-	-	
	-3.0	9.77	7.08	5.51	4.48	3.77	3.25	2.87	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
2mU	RAIL	$\pm 120^\circ - \pm 130^\circ$ Over Fixed End		67%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.06	4.27	3.61	3.07	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.03	4.29	3.70	3.16	2.71	2.33	-	-	-	
	5.0	-	6.17a	6.38a	5.89	4.95	4.24	3.69	3.21	2.76	2.38	2.05	-	-	
	4.0	-	-	6.98	5.73	4.84	4.18	3.65	3.21	2.76	2.39	2.07	-	-	
	3.0	-	8.59	6.80	5.61	4.76	4.12	3.62	3.18	2.74	2.36	2.05	1.78	-	
	2.0	8.64a	8.50	6.72	5.55	4.72	4.10	3.59	3.12	2.67	2.31	2.01	1.76	-	
	1.0	8.33a	8.26	6.59	5.44	4.61	3.97	3.44	2.99	2.58	2.24	1.95	1.72	-	
	0.0	9.86a	7.89	6.29	5.20	4.42	3.81	3.33	2.87	2.47	2.15	1.89	1.68	-	
	-1.0	10.00	7.69	6.10	5.03	4.29	3.69	3.16	2.71	2.37	2.08	1.84	-	-	
	-2.0	10.00	7.65	6.03	4.99	4.13	3.52	3.00	2.61	2.29	2.04	-	-	-	
	-3.0	10.00	7.58	5.90	4.79	4.01	3.39	2.93	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	61 of 108

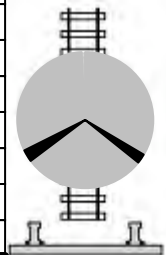
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

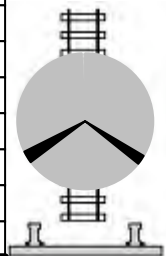
Duty	Config	Sector	Osc Axle	Safety
2mL	RAIL	+/- 120° - +/- 130° Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	5.23a	4.62	3.64a	3.15a	3.00	2.61	-	-	-	
	5.0	-	6.01a	6.09a	6.12a	5.25	4.46	3.86	2.61a	2.88a	2.61	2.30	-	-	
	4.0	-	-	7.37b	5.83	4.91	4.22	3.67	3.14a	2.86	2.55	2.27	-	-	
	3.0	-	8.86b	7.05	5.55	4.53	3.94	3.46	3.04a	2.74	2.46	2.21	1.99	-	
	2.0	6.41a	6.22a	6.49a	5.22	4.28	3.70	3.28	2.93	2.63	2.37	2.14	1.94	-	
	1.0	4.29a	4.52a	4.87a	4.92	4.06	3.55	3.14	2.82	2.53	2.29	2.09	1.91	-	
	0.0	4.11a	4.15a	4.39a	4.68a	3.99	3.47	3.07	2.75	2.47	2.25	2.05	1.89	-	
	-1.0	4.58a	4.55a	4.92a	4.72	3.99	3.46	3.05	2.72	2.45	2.24	2.05	-	-	
	-2.0	7.54a	7.56	5.89	4.80	4.04	3.49	3.07	2.74	2.48	2.27	-	-	-	
	-3.0	10.00	7.80	6.09	4.98	4.20	3.63	3.21	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
2mL	RAIL	+/- 120° - +/- 130° Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	4.73	4.02	3.43	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	4.76	4.12	3.53	3.04	2.61	-	-	-	
	5.0	-	6.17a	6.38a	6.33a	5.47	4.70	4.10	3.58	3.08	2.66a	2.30	-	-	
	4.0	-	-	7.66	6.32	5.35	4.62	4.05	3.59	3.09	2.67	2.32	-	-	
	3.0	-	9.34	7.44	6.18	5.26	4.56	4.02	3.55	3.05	2.65	2.30	2.00	-	
	2.0	8.64a	9.25	7.36	6.10b	5.21	4.53	4.00	3.47	2.99	2.59	2.26	1.97	-	
	1.0	8.33a	9.09	7.28	6.03	5.13	4.42	3.84	3.34	2.89	2.51	2.19	1.93	-	
	0.0	9.86a	8.68	6.95	5.76	4.91	4.24	3.71	3.21	2.76	2.41	2.12	1.89	-	
	-1.0	10.00	8.46	6.75	5.59	4.77	4.11	3.52	3.03	2.65	2.34	2.07	-	-	
	-2.0	10.00	8.42	6.67	5.53	4.60	3.92	3.35	2.92	2.57	2.29	-	-	-	
	-3.0	10.00	8.34	6.53	5.32	4.46	3.78	3.27	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	62 of 108

RATED LIFT CAPACITY CHART

RIS 1530

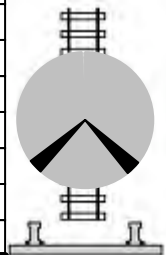
Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

Duty	Config	Sector	Osc Axle	Safety
2nU	RAIL	$\pm 130^\circ - \pm 140^\circ$ Over Fixed End		67%
				
	0mm - 50mm			

RADIUS

MINIMUM LOADS

HEIGHT	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	-
7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-
6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.03	-	-	-
5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	2.67	-	-
4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	2.97	2.61a	-	-
3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	2.89	2.59	2.33	-
2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	3.97	3.30a	3.12	2.80	2.52	2.28	-
1.0	4.29a	4.52a	4.87a	5.40a	5.13	4.39	3.83	3.39	3.03	2.72	2.47	2.25	-
0.0	4.11a	4.15a	4.39a	4.68a	5.05	4.31	3.76	3.33	2.97	2.68	2.44	2.23	-
-1.0	4.58a	4.55a	4.92a	6.14	5.06	4.30	3.74	3.30	2.95	2.67	2.43	-	-
-2.0	7.54a	7.95a	7.32b	6.01b	5.11	4.34	3.76	3.32	2.98	2.71	-	-	-
-3.0	10.00	9.57b	7.57b	6.23b	5.27	4.47	3.90	-	-	-	-	-	-
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-

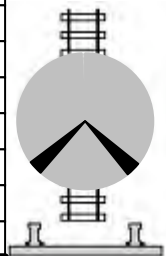


Duty	Config	Sector	Osc Axle	Safety
2nU	RAIL	$\pm 130^\circ - \pm 140^\circ$ Over Fixed End		67%
				
	0mm - 50mm			

RADIUS

MAXIMUM LOADS

HEIGHT	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	-
7.0	-	-	-	5.10a	5.14a	5.09a	4.69	4.00	-	-	-	-	-
6.0	-	-	4.80a	5.14a	5.30a	5.34a	4.77	4.09	3.52	3.03	-	-	-
5.0	-	6.17a	6.38a	6.38a	6.25r	5.47	4.72	4.13	3.56	3.08	2.68	-	-
4.0	-	-	9.14r	7.62	6.33	5.38	4.67	4.10	3.57	3.09	2.69	-	-
3.0	-	9.58b	9.28	7.46	6.21b	5.30	4.62	4.08	3.53a	3.06a	2.67	2.34	-
2.0	8.64a	10.00	9.20	7.39	6.15b	5.27	4.61	4.03	3.46a	3.01	2.63	2.31	-
1.0	8.33a	10.00	9.24	7.41	6.18b	5.27	4.54	3.92	3.38	2.93	2.57	2.27	-
0.0	9.86a	10.00	9.11	7.26	6.02	5.10	4.41	3.78	3.26	2.84	2.51	2.23	-
-1.0	10.00	10.00	8.88	7.07	5.87	4.97	4.22	3.61	3.14	2.77	2.45	-	-
-2.0	10.00	10.00	8.80	7.01	5.69	4.77	4.04	3.50	3.06	2.72	-	-	-
-3.0	10.00	10.00	8.64	6.78	5.55	4.63	3.96	-	-	-	-	-	-
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	63 of 108

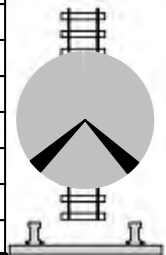
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

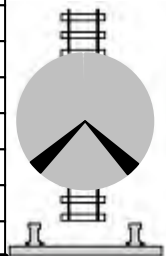
Duty	Config	Sector	Osc Axle	Safety
2nL	RAIL  0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	3.0	-	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	4.80	4.21a	3.69a	3.46a	3.23	2.97	-
	0.0	4.11a	4.15a	4.39a	4.68a	6.12	5.34	4.73	3.91a	3.83	3.49	3.20	2.95	-
	-1.0	4.58a	4.55a	4.92a	6.72a	6.13	5.32	4.71	4.22	3.81	3.48	3.20	-	-
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2nL	RAIL  0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	5.0	-	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.41	3.89	3.41a	-
	4.0	-	-	-	9.14r	7.90r	6.87r	6.16r	5.50	4.90	4.41	3.90	3.46	-
	3.0	-	-	9.58b	9.58b	8.27	7.06	6.15b	5.44b	4.86	4.39	3.87	3.44	3.06
	2.0	8.64a	10.00	9.87	8.21	7.01	6.10	5.41b	4.86	4.31	3.82	3.39	3.03	-
	1.0	8.33a	10.00	9.91	8.23	7.02	6.12b	5.45	4.82	4.22	3.74	3.34	2.99	-
	0.0	9.86a	10.00	9.94	8.25r	7.03	6.11	5.37	4.67	4.12	3.66	3.27	2.95	-
	-1.0	10.00	10.00	9.73	8.08	6.90	5.98	5.18	4.53	4.01	3.58	3.22	-	-
	-2.0	10.00	10.00	9.66	8.02	6.73	5.79	5.01	4.42	3.92	3.13b	-	-	-
	-3.0	10.00	10.00	9.51	7.81	6.60	5.65	4.71b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	64 of 108

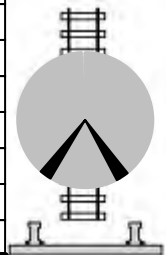
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

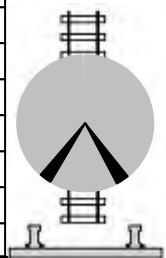
Duty	Config	Sector	Osc Axle	Safety
2oU	RAIL  0mm - 50mm	+/- 140° - +/- 150° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.34	2.98a
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.19	3.70	3.31	2.98
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.62	4.79	4.17	3.69	3.30	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2oU	RAIL  0mm - 50mm	+/- 140° - +/- 150° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17	3.41a	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.81	4.18	3.60	-
	HEIGHT	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.46	4.78	4.15	3.58	3.11
	HEIGHT	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.43	6.28	5.43	4.77	4.07	3.53	3.07
	HEIGHT	1.0	8.33a	10.00	10.00	10.00	8.93b	7.43	6.29	5.48	4.65	3.99	3.46	3.02
	HEIGHT	0.0	9.86a	10.00	10.00	10.00	9.00b	7.53	6.42	5.37a	4.52	3.90	3.39	2.98
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.17b	7.73	6.22	5.19	4.41	3.81	3.32	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.44b	7.45	6.03	5.05	4.31	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	65 of 108

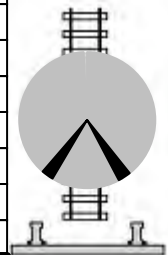
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

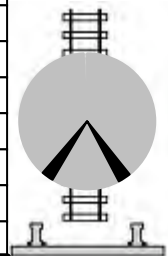
Duty	Config	Sector	Osc Axle	Safety
2oL	RAIL	$\pm 140^\circ - \pm 150^\circ$ Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.68a	2.98a
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.63b	4.01a	3.50b	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2oL	RAIL	$\pm 140^\circ - \pm 150^\circ$ Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.97r	-
	HEIGHT	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.61	3.99	3.47
	HEIGHT	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.88	5.18b	4.55	3.93	3.43
	HEIGHT	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.76	5.89	5.20	4.44	3.85	3.37
	HEIGHT	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.85	5.97	5.05	4.33	3.77	3.09a
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	6.94	5.79	4.92	4.23	3.67b	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.73	5.64	4.56b	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	66 of 108

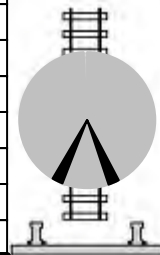
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

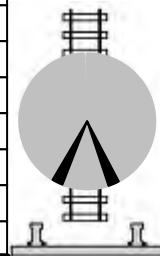
Duty	Config	Sector	Osc Axle	Safety
2pU	RAIL	+/- 150° - +/- 160° Over Fixed End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.33	2.98a
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.17	3.69	3.29	2.97
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.60	4.77	4.15	3.67	3.29	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2pU	RAIL	+/- 150° - +/- 160° Over Fixed End		67%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.15	3.41a	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.80b	4.16	3.59	-
	HEIGHT	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.44	4.77b	4.14	3.57	3.10
	HEIGHT	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.40	6.27b	5.41	4.75	4.06	3.52	3.06
	HEIGHT	1.0	8.33a	10.00	10.00	10.00	8.92b	7.41	6.29b	5.46	4.64	3.98	3.45	3.01
	HEIGHT	0.0	9.86a	10.00	10.00	10.00	9.00	7.51	6.40	5.36	4.51	3.89	3.38	2.97
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.17b	7.70	6.20	5.17	4.39	3.79	3.31	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.44b	7.43	6.01	5.03	4.29	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	67 of 108

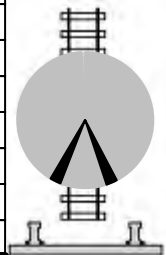
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

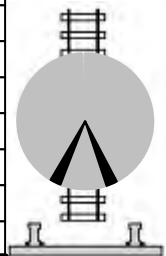
Duty	Config	Sector	Osc Axle	Safety
2pL	RAIL	+/- 150° - +/- 160° Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	3.0	-	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.68a	2.98a	-
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a	-
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.63b	4.01a	3.50b	-	-
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2pL	RAIL	+/- 150° - +/- 160° Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	5.0	-	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	4.0	-	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.97r	-
	3.0	-	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.60	3.98	3.46
	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.87	5.18	4.54	3.92	3.42	-
	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.76b	5.89	5.19	4.43	3.84	3.37	-
	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.84	5.96	5.04	4.32	3.76	3.09a	-
	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	6.94	5.78	4.91	4.22	3.67b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.72	5.63	4.56b	3.13b	-	-	-
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	68 of 108

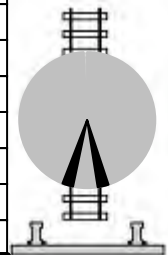
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

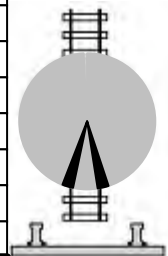
Duty	Config	Sector	Osc Axle	Safety
2qU	RAIL  0mm - 50mm	+/- 160° - +/- 170° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.33	2.98a
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.17	3.69	3.29	2.97
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.60	4.77	4.15	3.67	3.29	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2qU	RAIL  0mm - 50mm	+/- 160° - +/- 170° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.15	3.41a	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.80b	4.16	3.59	-
	HEIGHT	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.44	4.77b	4.14	3.57	3.10
	HEIGHT	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.40	6.27b	5.41	4.75	4.06	3.52	3.06
	HEIGHT	1.0	8.33a	10.00	10.00	10.00	8.92b	7.41	6.29b	5.46	4.64	3.98	3.45	3.01
	HEIGHT	0.0	9.86a	10.00	10.00	10.00	9.00	7.50	6.40	5.36	4.51	3.89	3.38	2.97
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.17b	7.70	6.20	5.17	4.39	3.79	3.31	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.44b	7.42	6.01	5.03	4.29	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	69 of 108

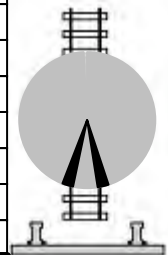
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

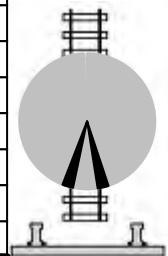
Duty	Config	Sector	Osc Axle	Safety
2qL	RAIL	+/- 160° - +/- 170° Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	3.0	-	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.68a	2.98a	-
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a	-
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.63b	4.01a	3.50b	-	-
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2qL	RAIL	+/- 160° - +/- 170° Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	5.0	-	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	4.0	-	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.97r	-
	3.0	-	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.60	3.98	3.46
	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.87	5.18	4.54	3.92	3.42	-
	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.76b	5.88	5.19	4.43	3.84	3.37	-
	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.84	5.96	5.04	4.32	3.76	3.09a	-
	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	6.93	5.78	4.91	4.22	3.67b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.72	5.63	4.56b	3.13b	-	-	-
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	70 of 108

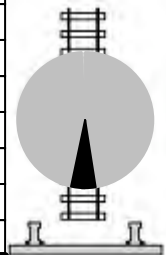
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

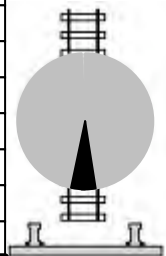
Duty	Config	Sector	Osc Axle	Safety
2rU	RAIL  0mm - 50mm	+/- 10° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.33	2.98a
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.17	3.69	3.29	2.97
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.60	4.77	4.15	3.67	3.29	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2rU	RAIL  0mm - 50mm	+/- 10° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.15	3.41a	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.80b	4.16	3.59	-
	HEIGHT	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.44	4.77b	4.13	3.57	3.09
	HEIGHT	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.40b	6.27	5.41	4.75	4.06	3.51	3.06
	HEIGHT	1.0	8.33a	10.00	10.00	10.00	8.92b	7.40b	6.29	5.45	4.64	3.98	3.45	3.01
	HEIGHT	0.0	9.86a	10.00	10.00	10.00	9.00b	7.50	6.40	5.35	4.50	3.88	3.38	2.97
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.17b	7.70	6.19	5.17	4.39	3.79	3.31	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.44b	7.42	6.00	5.03	4.29	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	71 of 108

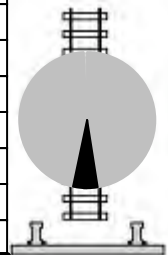
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

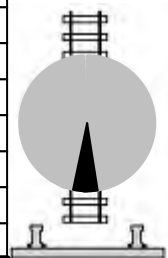
Duty	Config	Sector	Osc Axle	Safety
2rL	RAIL	+/- 10° Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	5.0	-	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	4.0	-	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	3.0	-	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.68a	2.98a	-
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a	-
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.63b	4.01a	3.50b	-	-
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
2rL	RAIL	+/- 10° Over Fixed End		75%
				
	0mm - 50mm			

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	5.0	-	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	4.0	-	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.97r	-
	3.0	-	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.60	3.98	3.46
	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.87	5.18	4.54	3.92	3.42	-
	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.76b	5.89	5.19	4.43	3.84	3.37	-
	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.84	5.96	5.04	4.32	3.76	3.09a	-
	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	6.93	5.78	4.91	4.22	3.67b	-	-
	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.72	5.63	4.56b	3.13b	-	-	-
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-

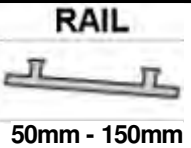


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	72 of 108

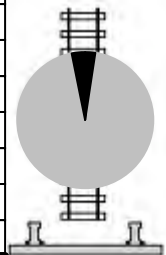
RATED LIFT CAPACITY CHART

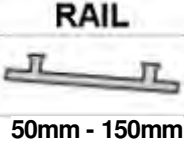
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

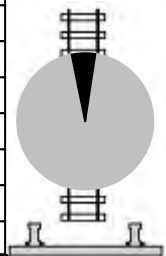
Duty	Config	Sector	Osc Axle	Safety
3aU		+/- 10° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	2.88	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	2.80	2.53
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.36	3.02	2.73	2.49
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.38	4.65	4.09	3.64	3.26	2.95	2.68	2.45
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	5.31	4.57	4.02	3.57	3.21	2.91	2.65	2.44
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.36	5.32	4.56	3.99	3.55	3.19	2.90	2.65	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	4.60	4.02	3.57	3.22	2.93	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3aU		+/- 10° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	4.96	4.30	3.73	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.65	4.91	4.32	3.77	3.29	2.88	-
	HEIGHT	4.0	-	-	9.14r	7.72	6.47	5.56	4.85b	4.29	3.77	3.30	2.90	-
	HEIGHT	3.0	-	9.58b	9.27	7.56	6.37	5.48	4.80	4.27	3.74	3.27	2.88	2.54
	HEIGHT	2.0	8.64a	10.00	9.20	7.50	6.32	5.45	4.78	4.24	3.68	3.23	2.84	2.52
	HEIGHT	1.0	8.33a	10.00	9.23	7.52	6.33	5.46	4.76	4.14	3.60	3.15	2.78	2.48
	HEIGHT	0.0	9.86a	10.00	9.12	7.40	6.22	5.32	4.63	3.98	3.48	3.06	2.72	2.44
	HEIGHT	-1.0	10.00	10.00	8.90	7.22	6.07	5.20	4.45	3.84	3.37	2.99	2.67	-
	HEIGHT	-2.0	10.00	10.00	8.83	7.17	5.91	5.01	4.28	3.74	3.29	2.94	-	-
	HEIGHT	-3.0	10.00	10.00	8.68	6.96	5.78	4.88	4.21	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

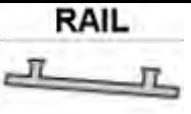


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	73 of 108

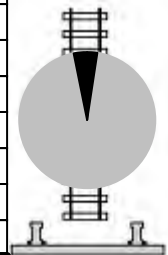
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

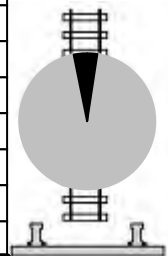
Duty	Config	Sector	Osc Axle	Safety
3aL	 50mm - 150mm	+/- 10° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.68a	2.98a
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.63b	4.01a	3.50b	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3aL	 50mm - 150mm	+/- 10° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.97r	-
	HEIGHT	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.62	4.00	3.48
	HEIGHT	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.89	5.19	4.56	3.94	3.44
	HEIGHT	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.78b	5.91	5.21	4.45	3.86	3.38
	HEIGHT	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.86b	5.99	5.07	4.34	3.78	3.09a
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	6.96	5.81	4.94	4.24	3.67b	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.75	5.66	4.56b	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

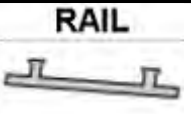


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	74 of 108

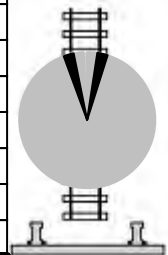
RATED LIFT CAPACITY CHART

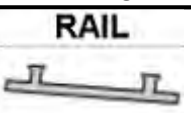
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

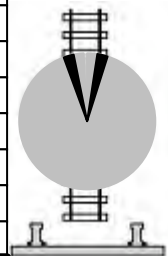
Duty	Config	Sector	Osc Axle	Safety
3bU	 RAIL 50mm - 150mm	+/- 10° - +/- 20° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	2.83	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.07	5.21	4.53	3.97b	2.61a	2.88a	2.66a	2.54	-
	HEIGHT	4.0	-	-	6.97	5.73	4.94	4.33	3.84	3.14a	3.08	2.78	2.51	-
	HEIGHT	3.0	-	8.42	6.72	5.52	4.65	4.11	3.67	3.04a	2.78a	2.71	2.46	2.25
	HEIGHT	2.0	6.41a	6.22a	6.36	5.26	4.45	3.92	3.52	3.18	2.89	2.63	2.41	2.21
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.03	4.28	3.80	3.41	3.09	2.81	2.57	2.36	2.18
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	4.22	3.74	3.35	3.04	2.76	2.53	2.33	2.16
	HEIGHT	-1.0	4.58a	4.55a	4.92a	4.88	4.23	3.73	3.33	3.01	2.74	2.52	2.33	-
	HEIGHT	-2.0	7.54a	7.17	5.86	4.94	4.26	3.76	3.35	3.03	2.77	2.56	-	-
	HEIGHT	-3.0	9.35	7.34	6.01	5.08	4.39	3.86	3.46	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3bU	 RAIL 50mm - 150mm	+/- 10° - +/- 20° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	4.74	4.12	3.59	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	4.76	4.19	3.67	3.22	2.83	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.20a	5.39	4.72	4.17	3.70	3.26	2.87	2.54	-
	HEIGHT	4.0	-	-	7.21	6.12	5.29b	4.65	4.13	3.71	3.26	2.88	2.56	-
	HEIGHT	3.0	-	8.52	7.07	6.01	5.21	4.59	4.10	3.68	3.24	2.86	2.54	2.26
	HEIGHT	2.0	8.64a	8.44	7.01	5.96	5.18	4.57	4.10	3.62	3.18	2.81	2.50	2.23
	HEIGHT	1.0	8.33a	8.26	6.90	5.88	5.11	4.50	3.97	3.52	3.10	2.75	2.45	2.20
	HEIGHT	0.0	9.86a	7.97	6.65	5.68	4.95	4.35	3.87	3.41	3.00	2.67	2.39	2.16
	HEIGHT	-1.0	9.82	7.82	6.50	5.54	4.83	4.25	3.72	3.27	2.91	2.61	2.35	-
	HEIGHT	-2.0	9.80	7.79	6.44	5.50	4.70	4.10	3.58	3.18	2.84	2.57	-	-
	HEIGHT	-3.0	9.83	7.73	6.33	5.34	4.60	3.99	3.52	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

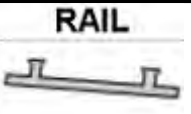


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	75 of 108

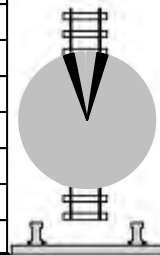
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

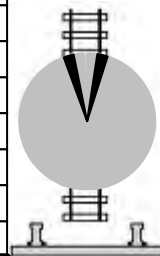
Duty	Config	Sector	Osc Axle	Safety
3bL	 50mm - 150mm	+/- 10° - +/- 20° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-	-	
	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-	-	
	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-	-	
	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a	-	
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-	
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.26	2.98	-	
	0.0	4.11a	4.15a	4.39a	4.68a	6.65	5.68	4.96	3.91a	3.92	3.54	3.23	2.96	-	
	-1.0	4.58a	4.55a	4.92a	6.72a	6.66	5.67	4.93	4.36	3.90	3.53	3.22	-	-	
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-	
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3bL	 50mm - 150mm	+/- 10° - +/- 20° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-	-	
	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.55	3.98	3.41a	-	-	
	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.09	4.53b	3.99	3.50	-	-	
	3.0	-	9.58b	9.58b	9.11b	7.61b	6.52	5.70	5.04	4.51b	3.95	3.48	3.07	-	
	2.0	8.64a	10.00	10.00	9.04b	7.54	6.47	5.67	5.03	4.45	3.90	3.43	3.04	-	
	1.0	8.33a	10.00	10.00	9.07b	7.56	6.49	5.70	5.01a	4.36	3.81	3.37	2.99	-	
	0.0	9.86a	10.00	10.00	9.20	7.65	6.52	5.65	4.87	4.23a	3.72	3.30	2.96	-	
	-1.0	10.00	10.00	10.00	9.11	7.57	6.42	5.47	4.70	4.12	3.64	3.24	-	-	
	-2.0	10.00	10.00	10.00	9.04	7.37	6.20	5.27	4.58	4.02	3.13b	-	-	-	
	-3.0	10.00	10.00	10.00	8.79	7.21	6.04	4.71b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	

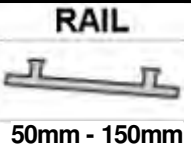


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	76 of 108

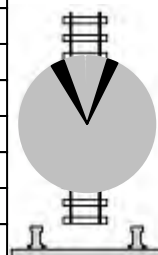
RATED LIFT CAPACITY CHART

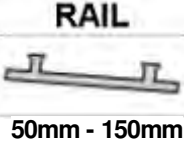
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

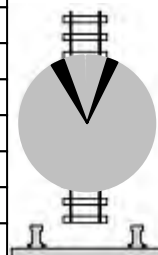
Duty	Config	Sector	Osc Axle	Safety
3cU		+/- 20° - +/- 30° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.72	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.55	3.76a	2.95a	2.78	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.48	3.78	3.23	2.79	2.42	2.10	-	-
	HEIGHT	5.0	-	6.01a	6.09a	5.14	4.29	3.64	3.13	2.61a	2.38	2.09	1.83	-
	HEIGHT	4.0	-	-	6.04	4.74	3.98	3.42	2.97	2.60	2.30	2.04	1.81	-
	HEIGHT	3.0	-	7.61	5.73	4.49	3.64	3.17	2.78	2.47	2.19	1.96	1.76	1.58
	HEIGHT	2.0	6.41a	6.22a	5.30	4.19	3.42	2.95	2.62	2.33	2.09	1.88	1.70	1.54
	HEIGHT	1.0	4.29a	4.52a	4.87a	3.93	3.23	2.82	2.50	2.23	2.01	1.81	1.65	1.50
	HEIGHT	0.0	4.11a	4.15a	4.39a	3.75	3.16	2.75	2.43	2.17	1.95	1.77	1.62	1.48
	HEIGHT	-1.0	4.58a	4.55a	4.61	3.75	3.17	2.74	2.41	2.15	1.93	1.76	1.61	-
	HEIGHT	-2.0	7.54a	6.05	4.70	3.82	3.21	2.77	2.43	2.17	1.96	1.80	-	-
	HEIGHT	-3.0	8.59	6.26	4.88	3.98	3.35	2.89	2.55	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3cU		+/- 20° - +/- 30° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.49	3.72	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.62	3.90	3.29	2.78	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.59	3.92	3.38	2.88	2.46	2.10	-	-
	HEIGHT	5.0	-	6.17a	6.36a	5.36	4.51	3.87	3.37	2.92	2.50	2.15	1.84	-
	HEIGHT	4.0	-	-	6.33	5.21	4.41	3.80	3.33	2.93	2.51	2.15	1.86	-
	HEIGHT	3.0	-	7.73	6.15	5.09	4.32	3.75	3.30	2.91	2.48	2.13	1.84	1.59
	HEIGHT	2.0	8.64a	7.64	6.08	5.03	4.28	3.72	3.26	2.83	2.41	2.08	1.80	1.56
	HEIGHT	1.0	8.33a	7.41	5.94	4.92	4.18	3.60	3.12	2.71	2.32	2.01	1.74	1.52
	HEIGHT	0.0	9.34	7.05	5.65	4.68	3.99	3.44	3.00	2.58	2.21	1.92	1.68	1.48
	HEIGHT	-1.0	9.20	6.86	5.46	4.52	3.86	3.32	2.84	2.43	2.11	1.85	1.63	-
	HEIGHT	-2.0	9.18	6.82	5.40	4.48	3.71	3.15	2.68	2.33	2.04	1.81	-	-
	HEIGHT	-3.0	9.23	6.75	5.27	4.28	3.59	3.03	2.61	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

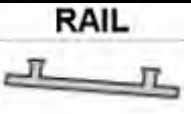


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	77 of 108

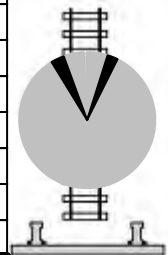
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

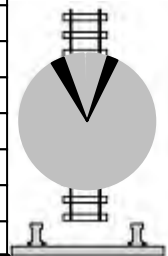
Duty	Config	Sector	Osc Axle	Safety
3cL	 50mm - 150mm	+/- 20° - +/- 30° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.01	3.76a	2.95a	3.07a	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	4.93	4.17	3.58	3.10	2.70	2.34	-	-	-	
	5.0	-	6.01a	6.09a	5.63	4.72	4.02	3.47	2.61a	2.65	2.34	2.05	-	-	
	4.0	-	-	6.57	5.20	4.39	3.78	3.29	2.89	2.56	2.28	2.03	-	-	
	3.0	-	8.21	6.25	4.93	4.02	3.51	3.09	2.75	2.45	2.19	1.97	1.77	-	
	2.0	6.41a	6.22a	5.78	4.61	3.78	3.27	2.91	2.60	2.34	2.10	1.90	1.72	-	
	1.0	4.29a	4.52a	4.87a	4.32	3.57	3.12	2.78	2.49	2.24	2.03	1.84	1.68	-	
	0.0	4.11a	4.15a	4.39a	4.12	3.49	3.05	2.71	2.42	2.18	1.98	1.81	1.67	-	
	-1.0	4.58a	4.55a	4.92a	4.13	3.50	3.04	2.68	2.40	2.16	1.97	1.81	-	-	
	-2.0	7.54a	6.55	5.14	4.20	3.54	3.07	2.70	2.42	2.19	2.01	-	-	-	
	-3.0	9.13	6.77	5.33	4.37	3.70	3.20	2.84	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3cL	 50mm - 150mm	+/- 20° - +/- 30° Over Osc End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.07	4.30	3.64	3.09	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.05	4.33	3.74	3.19	2.73	2.34	-	-	-	
	5.0	-	6.17a	6.38a	5.87	4.96	4.27	3.73	3.24	2.78	2.40	2.06	-	-	
	4.0	-	-	6.88	5.71	4.85	4.20	3.69	3.24	2.79	2.40	2.08	-	-	
	3.0	-	8.34	6.70	5.58	4.76	4.14	3.65	3.21	2.77	2.38	2.05	1.78	-	
	2.0	8.64a	8.24	6.61	5.51	4.72	4.11	3.61	3.15	2.69	2.32	2.01	1.75	-	
	1.0	8.33a	8.00	6.47	5.39	4.60	3.98	3.46	3.01	2.59	2.24	1.94	1.71	-	
	0.0	9.86a	7.61	6.16	5.13	4.40	3.80	3.33	2.87	2.47	2.15	1.88	1.67	-	
	-1.0	9.78	7.40	5.96	4.96	4.25	3.68	3.15	2.70	2.35	2.07	1.83	-	-	
	-2.0	9.75	7.36	5.88	4.91	4.09	3.49	2.98	2.60	2.27	2.02	-	-	-	
	-3.0	9.80	7.29	5.74	4.70	3.96	3.36	2.90	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	

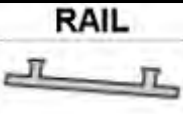


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	78 of 108

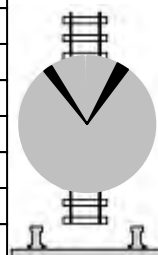
RATED LIFT CAPACITY CHART

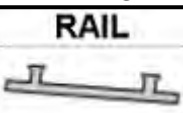
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

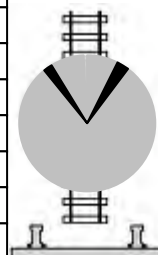
Duty	Config	Sector	Osc Axle	Safety
3dU	 50mm - 150mm	+/- 30° - +/- 40° Over Osc End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.90	3.75a	3.16	-	-	-	-	-	-	-
		7.0	-	-	-	4.96	3.98	3.28	2.73	2.28	-	-	-	-	-
		6.0	-	-	4.78a	4.84	3.91	3.23	2.71	2.29	1.95	1.65	-	-	-
		5.0	-	6.01a	5.77	4.53	3.70	3.07	2.60	2.22	1.91	1.65	1.41	-	-
		4.0	-	-	5.42	4.09	3.36	2.84	2.42	2.09	1.82	1.59	1.39	-	-
		3.0	-	7.09	5.07	3.82	2.99	2.57	2.22	1.95	1.71	1.51	1.33	1.17	-
		2.0	6.41a	6.22a	4.58	3.48	2.75	2.34	2.05	1.81	1.61	1.42	1.27	1.13	-
		1.0	4.29a	4.52a	4.14	3.19	2.54	2.19	1.92	1.70	1.51	1.35	1.21	1.09	-
		0.0	4.11a	4.15a	3.86	2.99	2.46	2.11	1.85	1.64	1.46	1.31	1.18	1.08	-
		-1.0	4.58a	4.55a	3.79	2.99	2.47	2.10	1.83	1.61	1.44	1.30	1.18	-	-
		-2.0	7.54a	5.25	3.90	3.07	2.52	2.13	1.85	1.63	1.46	1.33	-	-	-
		-3.0	8.09	5.50	4.10	3.24	2.67	2.26	1.98	-	-	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3dU	 50mm - 150mm	+/- 30° - +/- 40° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.92	3.92	3.16	-	-	-	-	-	-
	7.0	-	-	-	4.99	4.06	3.36	2.76	2.28	-	-	-	-	-
	6.0	-	-	4.80a	4.92	4.03	3.38	2.86	2.38	1.99	1.65	-	-	-
	5.0	-	6.17a	6.00	4.78	3.94	3.32	2.85	2.44	2.04	1.70	1.41	-	-
	4.0	-	-	5.74	4.61	3.83	3.25	2.81	2.44	2.04	1.71	1.43	-	-
	3.0	-	7.23	5.55	4.48	3.74	3.19	2.78	2.42	2.02	1.69	1.41	1.18	-
	2.0	8.64a	7.12	5.46	4.41	3.69	3.17	2.74	2.34	1.94	1.63	1.38	1.16	-
	1.0	8.33a	6.85	5.31	4.29	3.58	3.03	2.59	2.20	1.85	1.55	1.31	1.12	-
	0.0	9.03	6.43	4.98	4.03	3.37	2.86	2.46	2.07	1.73	1.47	1.25	1.08	-
	-1.0	8.86	6.20	4.77	3.85	3.23	2.74	2.28	1.91	1.62	1.39	1.20	-	-
	-2.0	8.82	6.16	4.69	3.80	3.06	2.55	2.12	1.80	1.54	1.35	-	-	-
	-3.0	8.89	6.07	4.54	3.58	2.93	2.42	2.04	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-

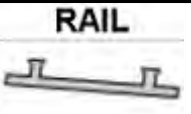


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	79 of 108

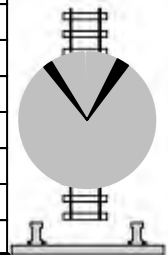
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

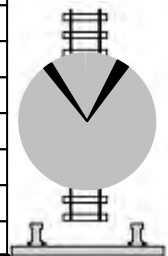
Duty	Config	Sector	Osc Axle	Safety
3dL	 50mm - 150mm	+/- 30° - +/- 40° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.54	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.46	3.67	2.95a	2.55	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.37	3.61	3.03	2.56	2.19	1.84	-	-
	HEIGHT	5.0	-	6.01a	6.09a	5.07	4.13	3.44	2.91	2.48	2.13	1.84	1.58	-
	HEIGHT	4.0	-	-	6.06	4.57	3.76	3.17	2.71	2.34	2.03	1.78	1.55	-
	HEIGHT	3.0	-	7.93	5.67	4.27	3.35	2.87	2.49	2.18	1.91	1.69	1.49	1.31
	HEIGHT	2.0	6.41a	6.22a	5.13	3.90	3.08	2.61	2.29	2.02	1.79	1.59	1.42	1.26
	HEIGHT	1.0	4.29a	4.52a	4.63	3.57	2.84	2.45	2.15	1.90	1.69	1.51	1.36	1.22
	HEIGHT	0.0	4.11a	4.15a	4.31	3.34	2.76	2.36	2.07	1.83	1.63	1.46	1.32	1.20
	HEIGHT	-1.0	4.58a	4.55a	4.24	3.35	2.76	2.35	2.04	1.80	1.61	1.45	1.32	-
	HEIGHT	-2.0	7.54a	5.87	4.36	3.43	2.81	2.39	2.07	1.83	1.64	1.49	-	-
	HEIGHT	-3.0	9.04	6.15	4.59	3.63	2.98	2.53	2.21	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3dL	 50mm - 150mm	+/- 30° - +/- 40° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.39	3.54	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.54	3.76	3.09	2.55	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.51	3.78	3.20	2.67	2.22	1.84	-	-
	HEIGHT	5.0	-	6.17a	6.38a	5.35	4.41	3.72	3.19	2.72	2.28	1.90	1.58	-
	HEIGHT	4.0	-	-	6.43	5.16	4.28	3.64	3.14	2.73	2.28	1.91	1.60	-
	HEIGHT	3.0	-	8.09	6.21	5.01	4.18	3.57	3.11	2.70	2.26	1.88	1.58	1.32
	HEIGHT	2.0	8.64a	7.97	6.11	4.94	4.13	3.54	3.06	2.62	2.17	1.82	1.54	1.29
	HEIGHT	1.0	8.33a	7.67	5.94	4.80	4.00	3.39	2.89	2.47	2.07	1.74	1.46	1.25
	HEIGHT	0.0	9.86a	7.19	5.57	4.50	3.77	3.20	2.75	2.32	1.94	1.64	1.40	1.20
	HEIGHT	-1.0	9.91	6.94	5.33	4.30	3.61	3.06	2.55	2.13	1.81	1.56	1.34	-
	HEIGHT	-2.0	9.87	6.88	5.24	4.25	3.42	2.85	2.37	2.02	1.73	1.50	-	-
	HEIGHT	-3.0	9.94	6.79	5.08	4.01	3.28	2.70	2.28	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

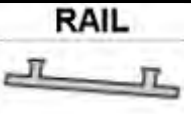


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	80 of 108

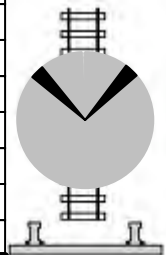
RATED LIFT CAPACITY CHART

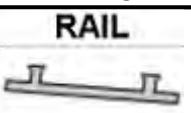
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

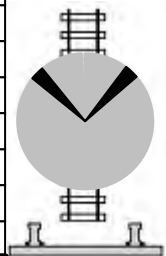
Duty	Config	Sector	Osc Axle	Safety
3eU	 50mm - 150mm	+/- 40° - +/- 50° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.85	3.75a	3.03	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.92	3.88	3.15	2.59	2.14	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	4.79	3.80	3.10	2.57	2.15	1.81	1.51	-	-
	HEIGHT	5.0	-	6.01a	5.79	4.45	3.58	2.94	2.45	2.07	1.77	1.51	1.28	-
	HEIGHT	4.0	-	-	5.41	3.98	3.22	2.69	2.27	1.94	1.67	1.45	1.25	-
	HEIGHT	3.0	-	7.30	5.03	3.68	2.83	2.40	2.06	1.79	1.56	1.36	1.19	1.04
	HEIGHT	2.0	6.41a	6.22a	4.49	3.32	2.57	2.15	1.87	1.64	1.45	1.28	1.12	1.00
	HEIGHT	1.0	4.29a	4.52a	4.01	3.00	2.34	2.00	1.74	1.53	1.35	1.20	1.07	0.96
	HEIGHT	0.0	4.11a	4.15a	3.69	2.78	2.26	1.92	1.67	1.46	1.29	1.16	1.04	0.94
	HEIGHT	-1.0	4.58a	4.55a	3.62	2.79	2.27	1.91	1.64	1.44	1.27	1.15	1.04	-
	HEIGHT	-2.0	7.54a	5.22	3.74	2.87	2.32	1.94	1.67	1.46	1.30	1.18	-	-
	HEIGHT	-3.0	8.61	5.50	3.97	3.06	2.48	2.08	1.80	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3eU	 50mm - 150mm	+/- 40° - +/- 50° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.88	3.82	3.03	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.95	3.97	3.23	2.63	2.14	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	4.88	3.93	3.26	2.73	2.25	1.85	1.51	-	-
	HEIGHT	5.0	-	6.17a	6.05	4.72	3.84	3.20	2.72	2.30	1.90	1.56	1.28	-
	HEIGHT	4.0	-	-	5.77	4.54	3.72	3.12	2.68	2.31	1.90	1.57	1.30	-
	HEIGHT	3.0	-	7.46	5.55	4.40	3.62	3.06	2.64	2.28	1.88	1.55	1.28	1.05
	HEIGHT	2.0	8.64a	7.34	5.46	4.33	3.57	3.04	2.60	2.20	1.80	1.49	1.24	1.02
	HEIGHT	1.0	8.33a	7.04	5.29	4.19	3.45	2.89	2.44	2.06	1.70	1.41	1.17	0.98
	HEIGHT	0.0	9.74	6.55	4.92	3.91	3.23	2.71	2.31	1.92	1.58	1.32	1.11	0.94
	HEIGHT	-1.0	9.53	6.30	4.69	3.72	3.08	2.58	2.12	1.75	1.47	1.24	1.06	-
	HEIGHT	-2.0	9.49	6.24	4.61	3.66	2.90	2.38	1.95	1.64	1.39	1.20	-	-
	HEIGHT	-3.0	9.56	6.15	4.45	3.43	2.76	2.24	1.87	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

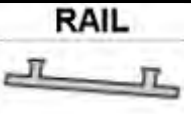


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	81 of 108

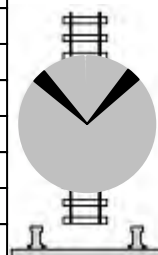
RATED LIFT CAPACITY CHART

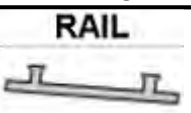
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

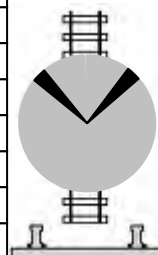
Duty	Config	Sector	Osc Axle	Safety
3eL	 RAIL 50mm - 150mm	+/- 40° - +/- 50° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.88	3.75a	3.23	-	-	-	-	-	-
	7.0	-	-	-	4.94	4.03	3.35	2.81	2.36	-	-	-	-	-
	6.0	-	-	4.78a	4.82	3.95	3.30	2.79	2.38	2.04	1.72	-	-	-
	5.0	-	6.01a	5.61	4.51	3.73	3.14	2.68	2.30	1.99	1.72	1.48	-	-
	4.0	-	-	5.27	4.06	3.39	2.90	2.49	2.17	1.89	1.66	1.45	-	-
	3.0	-	6.66	4.93	3.79	3.01	2.62	2.29	2.02	1.78	1.58	1.39	1.23	-
	2.0	6.41a	5.99	4.45	3.45	2.77	2.37	2.10	1.87	1.67	1.48	1.32	1.19	-
	1.0	4.29a	4.52a	4.01	3.16	2.55	2.22	1.97	1.76	1.57	1.41	1.27	1.15	-
	0.0	4.11a	4.15a	3.73	2.95	2.47	2.14	1.89	1.69	1.51	1.36	1.24	1.13	-
	-1.0	4.58a	4.55a	3.67	2.96	2.48	2.13	1.87	1.66	1.49	1.35	1.23	-	-
	-2.0	6.84	4.91	3.77	3.03	2.52	2.17	1.89	1.68	1.52	1.39	-	-	-
	-3.0	7.13	5.14	3.97	3.21	2.68	2.30	2.03	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3eL	 RAIL 50mm - 150mm	+/- 40° - +/- 50° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.90	3.96	3.23	-	-	-	-	-	-
	7.0	-	-	-	4.97	4.11	3.43	2.85	2.37	-	-	-	-	-
	6.0	-	-	4.80a	4.90	4.08	3.45	2.95	2.47	2.07	1.72	-	-	-
	5.0	-	6.17a	5.84	4.76	3.98	3.40	2.94	2.53	2.12	1.78	1.48	-	-
	4.0	-	-	5.59	4.59	3.87	3.32	2.90	2.54	2.13	1.79	1.50	-	-
	3.0	-	6.79	5.40	4.46	3.78	3.26	2.86	2.51	2.10	1.76	1.48	1.24	-
	2.0	8.64a	6.69	5.31	4.39	3.73	3.24	2.82	2.43	2.02	1.70	1.44	1.22	-
	1.0	8.33a	6.44	5.16	4.26	3.61	3.10	2.66	2.28	1.92	1.62	1.37	1.17	-
	0.0	7.97	6.03	4.83	4.00	3.40	2.92	2.53	2.15	1.80	1.53	1.31	1.13	-
	-1.0	7.82	5.81	4.63	3.82	3.26	2.79	2.35	1.97	1.68	1.45	1.25	-	-
	-2.0	7.79	5.77	4.55	3.77	3.08	2.60	2.17	1.86	1.60	1.40	-	-	-
	-3.0	7.84	5.69	4.41	3.55	2.95	2.46	2.09	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-

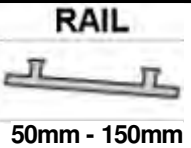


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	82 of 108

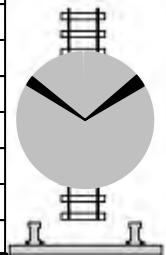
RATED LIFT CAPACITY CHART

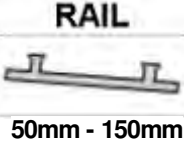
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

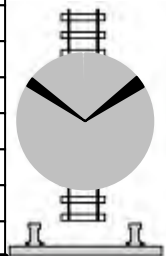
Duty	Config	Sector	Osc Axle	Safety
3fU		+/- 50° - +/- 60° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.56	3.63	2.92	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.62	3.70	3.03	2.51	2.08	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	4.50	3.62	2.98	2.49	2.10	1.78	1.49	-	-
	HEIGHT	5.0	-	6.01a	5.35	4.19	3.41	2.83	2.38	2.02	1.73	1.49	1.26	-
	HEIGHT	4.0	-	-	5.00	3.75	3.08	2.59	2.21	1.90	1.64	1.43	1.24	-
	HEIGHT	3.0	-	6.55	4.66	3.48	2.71	2.32	2.01	1.76	1.53	1.35	1.18	1.04
	HEIGHT	2.0	6.41a	5.85	4.17	3.15	2.46	2.09	1.83	1.61	1.43	1.26	1.12	0.99
	HEIGHT	1.0	4.29a	4.52a	3.73	2.85	2.25	1.94	1.70	1.51	1.34	1.19	1.07	0.96
	HEIGHT	0.0	4.11a	4.15a	3.44	2.65	2.18	1.87	1.63	1.44	1.28	1.15	1.04	0.94
	HEIGHT	-1.0	4.58a	4.55a	3.38	2.65	2.19	1.86	1.61	1.42	1.26	1.14	1.03	-
	HEIGHT	-2.0	7.01	4.72	3.49	2.73	2.23	1.89	1.63	1.44	1.29	1.17	-	-
	HEIGHT	-3.0	7.33	4.96	3.69	2.91	2.38	2.02	1.76	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3fU		+/- 50° - +/- 60° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.59	3.63	2.92	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.65	3.78	3.11	2.55	2.09	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	4.58	3.75	3.13	2.65	2.19	1.81	1.49	-	-
	HEIGHT	5.0	-	6.17a	5.58	4.44	3.65	3.08	2.63	2.24	1.86	1.54	1.27	-
	HEIGHT	4.0	-	-	5.33	4.28	3.54	3.01	2.59	2.25	1.86	1.55	1.29	-
	HEIGHT	3.0	-	6.69	5.13	4.14	3.45	2.95	2.56	2.22	1.84	1.52	1.27	1.05
	HEIGHT	2.0	8.64a	6.58	5.05	4.08	3.41	2.92	2.52	2.14	1.77	1.47	1.23	1.02
	HEIGHT	1.0	8.33a	6.32	4.89	3.95	3.29	2.79	2.37	2.01	1.67	1.39	1.16	0.98
	HEIGHT	0.0	8.27	5.89	4.56	3.69	3.09	2.61	2.25	1.88	1.56	1.31	1.10	0.94
	HEIGHT	-1.0	8.10	5.66	4.35	3.51	2.94	2.49	2.06	1.71	1.45	1.23	1.05	-
	HEIGHT	-2.0	8.06	5.62	4.27	3.46	2.77	2.30	1.90	1.61	1.37	1.19	-	-
	HEIGHT	-3.0	8.12	5.53	4.13	3.25	2.65	2.17	1.82	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	83 of 108

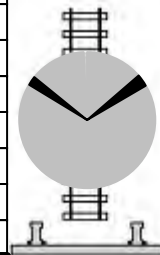
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

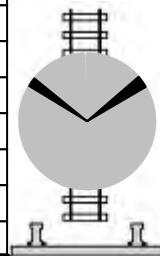
Duty	Config	Sector	Osc Axle	Safety
3fL	RAIL  50mm - 150mm	+/- 50° - +/- 60° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.40	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.36	3.54	2.90	2.40	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.26	3.47	2.88	2.41	2.03	1.69	-	-
	HEIGHT	5.0	-	6.01a	6.09a	5.00	4.01	3.29	2.75	2.33	1.98	1.69	1.43	-
	HEIGHT	4.0	-	-	6.07	4.46	3.61	3.01	2.55	2.18	1.88	1.63	1.40	-
	HEIGHT	3.0	-	8.19	5.64	4.13	3.17	2.69	2.31	2.01	1.75	1.53	1.34	1.17
	HEIGHT	2.0	6.41a	6.22a	5.04	3.73	2.88	2.42	2.10	1.85	1.63	1.43	1.26	1.12
	HEIGHT	1.0	4.29a	4.52a	4.50	3.37	2.63	2.24	1.95	1.72	1.52	1.35	1.20	1.08
	HEIGHT	0.0	4.11a	4.15a	4.15	3.13	2.54	2.16	1.87	1.65	1.45	1.30	1.17	1.06
	HEIGHT	-1.0	4.58a	4.55a	4.07	3.14	2.55	2.14	1.85	1.62	1.43	1.29	1.16	-
	HEIGHT	-2.0	7.54a	5.86	4.20	3.23	2.60	2.18	1.87	1.64	1.46	1.33	-	-
	HEIGHT	-3.0	9.66	6.17	4.45	3.44	2.78	2.34	2.02	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3fL	RAIL  50mm - 150mm	+/- 50° - +/- 60° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.28	3.40	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.45	3.63	2.95	2.40	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.41	3.65	3.07	2.52	2.07	1.69	-	-
	HEIGHT	5.0	-	6.17a	6.38a	5.30	4.30	3.59	3.05	2.58	2.13	1.76	1.44	-
	HEIGHT	4.0	-	-	6.47	5.10	4.17	3.50	3.00	2.59	2.13	1.76	1.46	-
	HEIGHT	3.0	-	8.37	6.23	4.93	4.06	3.43	2.96	2.56	2.11	1.74	1.43	1.18
	HEIGHT	2.0	8.64a	8.23	6.12	4.85	4.01	3.40	2.92	2.47	2.02	1.67	1.39	1.15
	HEIGHT	1.0	8.33a	7.89	5.94	4.70	3.87	3.25	2.74	2.31	1.91	1.58	1.31	1.10
	HEIGHT	0.0	9.86a	7.35	5.52	4.38	3.62	3.04	2.59	2.15	1.77	1.48	1.25	1.06
	HEIGHT	-1.0	10.00	7.06	5.27	4.17	3.45	2.89	2.38	1.96	1.65	1.40	1.19	-
	HEIGHT	-2.0	10.00	7.01	5.17	4.11	3.25	2.67	2.19	1.84	1.56	1.34	-	-
	HEIGHT	-3.0	10.00	6.90	4.99	3.85	3.10	2.51	2.10	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

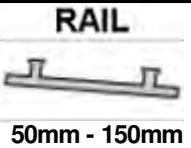


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	84 of 108

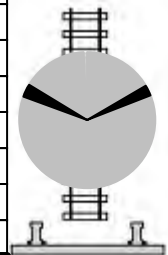
RATED LIFT CAPACITY CHART

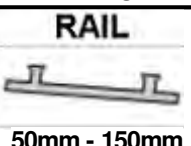
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

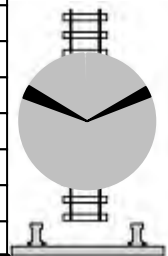
Duty	Config	Sector	Osc Axle	Safety
3gU	 50mm - 150mm	+/- 60° - +/- 70° Over Osc End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.67	3.66	2.90	-	-	-	-	-	-	
	7.0	-	-	-	4.74	3.74	3.03	2.48	2.04	-	-	-	-	-	
	6.0	-	-	4.78a	4.61	3.65	2.97	2.46	2.05	1.72	1.43	-	-	-	
	5.0	-	6.01a	5.57	4.28	3.43	2.81	2.34	1.97	1.68	1.43	1.20	-	-	
	4.0	-	-	5.19	3.80	3.07	2.56	2.16	1.84	1.58	1.37	1.18	-	-	
	3.0	-	7.01	4.81	3.50	2.68	2.27	1.95	1.69	1.47	1.28	1.12	0.97	-	
	2.0	6.41a	6.21	4.27	3.15	2.42	2.03	1.76	1.55	1.36	1.19	1.05	0.93	-	
	1.0	4.29a	4.52a	3.78	2.83	2.19	1.87	1.63	1.43	1.27	1.12	1.00	0.89	-	
	0.0	4.11a	4.15a	3.47	2.61	2.11	1.79	1.56	1.37	1.20	1.08	0.97	0.87	-	
	-1.0	4.58a	4.55a	3.40	2.61	2.12	1.78	1.53	1.34	1.18	1.07	0.96	-	-	
	-2.0	7.54a	4.93	3.52	2.70	2.17	1.82	1.56	1.36	1.21	1.10	-	-	-	
	-3.0	8.16	5.20	3.74	2.89	2.33	1.95	1.69	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3gU	 50mm - 150mm	+/- 60° - +/- 70° Over Osc End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.70	3.67	2.90	-	-	-	-	-	-	
	7.0	-	-	-	4.77	3.82	3.11	2.52	2.04	-	-	-	-	-	
	6.0	-	-	4.80a	4.70	3.79	3.13	2.62	2.15	1.76	1.43	-	-	-	
	5.0	-	6.17a	5.83	4.55	3.69	3.07	2.61	2.20	1.81	1.48	1.21	-	-	
	4.0	-	-	5.55	4.37	3.57	3.00	2.57	2.21	1.81	1.49	1.22	-	-	
	3.0	-	7.17	5.33	4.22	3.47	2.93	2.53	2.18	1.79	1.47	1.20	0.98	-	
	2.0	8.64a	7.04	5.24	4.15	3.43	2.91	2.49	2.10	1.71	1.41	1.16	0.96	-	
	1.0	8.33a	6.74	5.07	4.02	3.30	2.77	2.33	1.96	1.61	1.33	1.10	0.91	-	
	0.0	9.30	6.25	4.70	3.73	3.08	2.58	2.20	1.82	1.49	1.24	1.04	0.87	-	
	-1.0	9.09	6.00	4.47	3.54	2.93	2.45	2.01	1.65	1.38	1.16	0.98	-	-	
	-2.0	9.05	5.95	4.39	3.48	2.75	2.25	1.84	1.54	1.30	1.11	-	-	-	
	-3.0	9.12	5.85	4.23	3.25	2.61	2.11	1.76	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	85 of 108

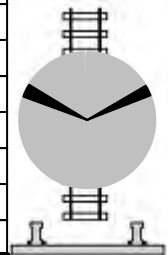
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

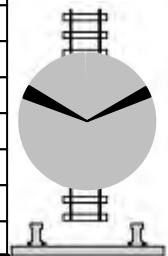
Duty	Config	Sector	Osc Axle	Safety
3gL	 50mm - 150mm	+/- 60° - +/- 70° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.25	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.18	3.39	2.77	2.28	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.09	3.33	2.75	2.30	1.93	1.60	-	-
	HEIGHT	5.0	-	6.01a	6.09a	4.79	3.84	3.14	2.62	2.21	1.88	1.60	1.34	-
	HEIGHT	4.0	-	-	5.80	4.25	3.44	2.86	2.42	2.06	1.77	1.53	1.32	-
	HEIGHT	3.0	-	7.84	5.38	3.92	3.00	2.54	2.18	1.90	1.64	1.44	1.25	1.09
	HEIGHT	2.0	6.41a	6.22a	4.78	3.52	2.71	2.27	1.97	1.73	1.52	1.34	1.18	1.04
	HEIGHT	1.0	4.29a	4.52a	4.24	3.16	2.45	2.09	1.82	1.61	1.42	1.25	1.12	1.00
	HEIGHT	0.0	4.11a	4.15a	3.89	2.92	2.37	2.01	1.74	1.53	1.35	1.21	1.08	0.98
	HEIGHT	-1.0	4.58a	4.55a	3.80	2.93	2.38	1.99	1.71	1.50	1.33	1.19	1.08	-
	HEIGHT	-2.0	7.54a	5.51	3.94	3.02	2.43	2.03	1.74	1.53	1.36	1.23	-	-
	HEIGHT	-3.0	9.13	5.82	4.19	3.23	2.61	2.19	1.89	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3gL	 50mm - 150mm	+/- 60° - +/- 70° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.24	4.10	3.25	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.27	3.48	2.82	2.29	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.24	3.50	2.93	2.40	1.97	1.60	-	-
	HEIGHT	5.0	-	6.17a	6.30a	5.09	4.13	3.44	2.92	2.46	2.02	1.66	1.35	-
	HEIGHT	4.0	-	-	6.21	4.89	4.00	3.35	2.87	2.47	2.03	1.67	1.37	-
	HEIGHT	3.0	-	8.02	5.97	4.72	3.89	3.28	2.83	2.44	2.00	1.64	1.35	1.10
	HEIGHT	2.0	8.64a	7.88	5.86	4.64	3.83	3.26	2.79	2.35	1.92	1.58	1.30	1.07
	HEIGHT	1.0	8.33a	7.54	5.67	4.49	3.69	3.10	2.61	2.19	1.80	1.49	1.23	1.02
	HEIGHT	0.0	9.86a	7.00	5.26	4.18	3.45	2.89	2.46	2.04	1.67	1.39	1.16	0.98
	HEIGHT	-1.0	10.00	6.71	5.00	3.96	3.28	2.74	2.25	1.85	1.54	1.30	1.10	-
	HEIGHT	-2.0	10.00	6.66	4.91	3.90	3.08	2.52	2.05	1.73	1.45	1.25	-	-
	HEIGHT	-3.0	10.00	6.55	4.73	3.64	2.92	2.37	1.97	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

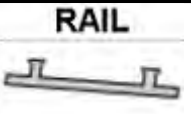


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	86 of 108

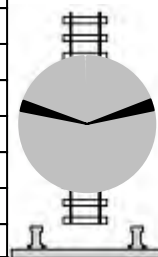
RATED LIFT CAPACITY CHART

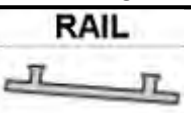
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

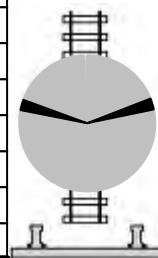
Duty	Config	Sector	Osc Axle	Safety
3hU	 RAIL 50mm - 150mm	+/- 70° - +/- 80° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.50	3.52	2.78	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.57	3.59	2.90	2.37	1.94	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	4.44	3.51	2.85	2.35	1.96	1.64	1.35	-	-
	HEIGHT	5.0	-	6.01a	5.36	4.11	3.29	2.69	2.24	1.88	1.59	1.35	1.13	-
	HEIGHT	4.0	-	-	4.97	3.63	2.93	2.44	2.05	1.75	1.50	1.29	1.10	-
	HEIGHT	3.0	-	6.72	4.60	3.33	2.54	2.15	1.84	1.60	1.38	1.21	1.04	0.91
	HEIGHT	2.0	6.41a	5.92	4.06	2.97	2.28	1.91	1.66	1.45	1.28	1.12	0.98	0.86
	HEIGHT	1.0	4.29a	4.52a	3.57	2.66	2.05	1.75	1.52	1.34	1.18	1.04	0.93	0.83
	HEIGHT	0.0	4.11a	4.15a	3.26	2.44	1.97	1.67	1.45	1.27	1.12	1.00	0.90	0.81
	HEIGHT	-1.0	4.58a	4.52	3.19	2.44	1.98	1.66	1.43	1.25	1.10	0.99	0.89	-
	HEIGHT	-2.0	7.35	4.64	3.31	2.53	2.03	1.69	1.45	1.27	1.13	1.03	-	-
	HEIGHT	-3.0	7.74	4.92	3.53	2.72	2.19	1.83	1.59	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3hU	 RAIL 50mm - 150mm	+/- 70° - +/- 80° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.53	3.53	2.78	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.60	3.68	2.99	2.41	1.95	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	4.53	3.64	3.01	2.52	2.05	1.67	1.35	-	-
	HEIGHT	5.0	-	6.17a	5.62	4.38	3.55	2.95	2.50	2.11	1.72	1.41	1.13	-
	HEIGHT	4.0	-	-	5.33	4.20	3.43	2.88	2.46	2.11	1.73	1.41	1.15	-
	HEIGHT	3.0	-	6.88	5.12	4.05	3.33	2.81	2.42	2.09	1.70	1.39	1.13	0.92
	HEIGHT	2.0	8.64a	6.76	5.02	3.98	3.28	2.79	2.38	2.00	1.63	1.33	1.09	0.89
	HEIGHT	1.0	8.33a	6.46	4.86	3.84	3.16	2.64	2.22	1.86	1.53	1.25	1.02	0.85
	HEIGHT	0.0	8.87	5.97	4.49	3.56	2.94	2.46	2.09	1.73	1.41	1.16	0.96	0.81
	HEIGHT	-1.0	8.66	5.72	4.26	3.37	2.79	2.33	1.90	1.55	1.29	1.09	0.91	-
	HEIGHT	-2.0	8.62	5.66	4.17	3.31	2.61	2.13	1.73	1.45	1.21	1.04	-	-
	HEIGHT	-3.0	8.69	5.57	4.01	3.08	2.47	1.99	1.65	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	87 of 108

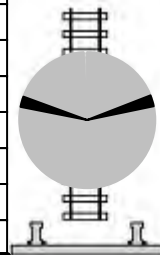
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

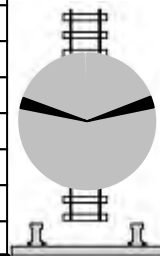
Duty	Config	Sector	Osc Axle	Safety
3hL	 50mm - 150mm	+/- 70° - +/- 80° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.93	3.75a	3.14	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.00	3.99	3.27	2.70	2.23	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	4.87	3.91	3.21	2.68	2.25	1.90	1.58	-	-
	HEIGHT	5.0	-	6.01a	5.78	4.52	3.67	3.04	2.56	2.17	1.85	1.58	1.34	-
	HEIGHT	4.0	-	-	5.38	4.03	3.30	2.77	2.36	2.03	1.75	1.52	1.31	-
	HEIGHT	3.0	-	7.06	5.00	3.72	2.88	2.47	2.14	1.87	1.63	1.43	1.25	1.09
	HEIGHT	2.0	6.41a	6.22a	4.45	3.35	2.61	2.21	1.94	1.71	1.51	1.33	1.18	1.04
	HEIGHT	1.0	4.29a	4.52a	3.96	3.02	2.37	2.05	1.79	1.59	1.41	1.25	1.12	1.00
	HEIGHT	0.0	4.11a	4.15a	3.64	2.79	2.29	1.96	1.72	1.51	1.34	1.20	1.08	0.98
	HEIGHT	-1.0	4.58a	4.55a	3.57	2.80	2.30	1.95	1.69	1.49	1.32	1.19	1.08	-
	HEIGHT	-2.0	7.45	5.00	3.69	2.88	2.35	1.99	1.71	1.51	1.35	1.23	-	-
	HEIGHT	-3.0	7.81	5.28	3.92	3.08	2.52	2.13	1.86	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3hL	 50mm - 150mm	+/- 70° - +/- 80° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.96	3.92	3.14	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.03	4.08	3.36	2.74	2.24	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	4.96	4.05	3.38	2.85	2.35	1.94	1.58	-	-
	HEIGHT	5.0	-	6.17a	6.04	4.80	3.94	3.32	2.84	2.41	1.99	1.64	1.34	-
	HEIGHT	4.0	-	-	5.75	4.61	3.82	3.24	2.79	2.42	2.00	1.65	1.36	-
	HEIGHT	3.0	-	7.22	5.53	4.46	3.72	3.17	2.75	2.39	1.97	1.62	1.34	1.10
	HEIGHT	2.0	8.64a	7.09	5.44	4.39	3.67	3.14	2.71	2.30	1.89	1.56	1.30	1.07
	HEIGHT	1.0	8.33a	6.80	5.27	4.25	3.54	2.99	2.54	2.15	1.78	1.48	1.23	1.03
	HEIGHT	0.0	8.87	6.32	4.89	3.95	3.31	2.80	2.40	2.00	1.65	1.38	1.16	0.98
	HEIGHT	-1.0	8.67	6.07	4.66	3.76	3.15	2.66	2.20	1.82	1.53	1.30	1.10	-
	HEIGHT	-2.0	8.63	6.01	4.57	3.70	2.96	2.45	2.01	1.70	1.44	1.25	-	-
	HEIGHT	-3.0	8.70	5.92	4.41	3.46	2.81	2.30	1.93	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

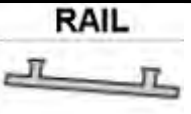


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	88 of 108

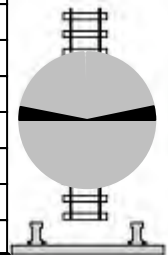
RATED LIFT CAPACITY CHART

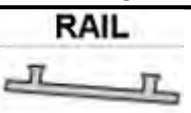
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

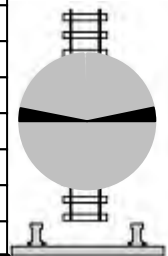
Duty	Config	Sector	Osc Axle	Safety
3iU	 50mm - 150mm	+/- 80° - +/- 90° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.48	3.50	2.76	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.54	3.57	2.89	2.35	1.93	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	4.42	3.49	2.83	2.34	1.94	1.63	1.34	-	-
	HEIGHT	5.0	-	6.01a	5.33	4.08	3.26	2.67	2.22	1.86	1.58	1.34	1.12	-
	HEIGHT	4.0	-	-	4.94	3.60	2.91	2.42	2.04	1.73	1.48	1.28	1.09	-
	HEIGHT	3.0	-	6.68	4.56	3.31	2.51	2.13	1.83	1.58	1.37	1.19	1.03	0.90
	HEIGHT	2.0	6.41a	5.88	4.03	2.95	2.26	1.89	1.64	1.44	1.26	1.11	0.97	0.85
	HEIGHT	1.0	4.29a	4.52a	3.54	2.63	2.03	1.73	1.51	1.33	1.17	1.03	0.92	0.82
	HEIGHT	0.0	4.11a	4.15a	3.23	2.41	1.95	1.65	1.43	1.26	1.11	0.99	0.88	0.80
	HEIGHT	-1.0	4.58a	4.48	3.15	2.42	1.96	1.64	1.41	1.23	1.09	0.98	0.88	-
	HEIGHT	-2.0	7.29	4.60	3.27	2.50	2.01	1.68	1.43	1.26	1.12	1.01	-	-
	HEIGHT	-3.0	7.67	4.88	3.50	2.69	2.17	1.81	1.57	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3iU	 50mm - 150mm	+/- 80° - +/- 90° Over Osc End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.51	3.50	2.76	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.58	3.66	2.97	2.39	1.93	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	4.50	3.62	2.99	2.50	2.04	1.66	1.34	-	-
	HEIGHT	5.0	-	6.17a	5.58	4.35	3.53	2.93	2.49	2.09	1.71	1.40	1.12	-
	HEIGHT	4.0	-	-	5.30	4.17	3.41	2.86	2.44	2.10	1.72	1.40	1.14	-
	HEIGHT	3.0	-	6.84	5.09	4.03	3.31	2.79	2.41	2.07	1.69	1.38	1.12	0.91
	HEIGHT	2.0	8.64a	6.72	4.99	3.95	3.26	2.77	2.37	1.99	1.61	1.32	1.08	0.88
	HEIGHT	1.0	8.33a	6.41	4.82	3.82	3.14	2.63	2.21	1.85	1.51	1.24	1.01	0.84
	HEIGHT	0.0	8.81	5.93	4.46	3.53	2.92	2.44	2.08	1.71	1.39	1.15	0.95	0.80
	HEIGHT	-1.0	8.60	5.67	4.23	3.34	2.77	2.31	1.89	1.54	1.28	1.07	0.90	-
	HEIGHT	-2.0	8.56	5.62	4.14	3.29	2.59	2.11	1.71	1.43	1.20	1.03	-	-
	HEIGHT	-3.0	8.63	5.53	3.98	3.06	2.45	1.97	1.64	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

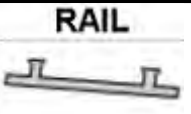


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	89 of 108

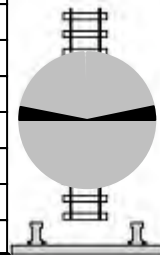
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

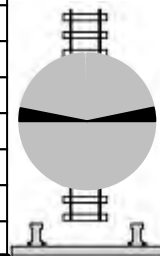
Duty	Config	Sector	Osc Axle	Safety
3iL	 50mm - 150mm	+/- 80° - +/- 90° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.01	3.75a	3.09	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.00	3.23	2.63	2.16	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	4.94	3.91	3.17	2.62	2.18	1.82	1.50	-	-
	HEIGHT	5.0	-	6.01a	5.96	4.57	3.65	2.99	2.49	2.09	1.77	1.50	1.25	-
	HEIGHT	4.0	-	-	5.53	4.03	3.26	2.71	2.28	1.94	1.66	1.43	1.22	-
	HEIGHT	3.0	-	7.48	5.11	3.70	2.81	2.39	2.05	1.77	1.53	1.34	1.16	1.00
	HEIGHT	2.0	6.41a	6.22a	4.50	3.30	2.52	2.11	1.84	1.61	1.41	1.24	1.08	0.95
	HEIGHT	1.0	4.29a	4.52a	3.96	2.94	2.27	1.94	1.69	1.48	1.31	1.15	1.02	0.91
	HEIGHT	0.0	4.11a	4.15a	3.61	2.70	2.18	1.85	1.60	1.41	1.24	1.11	0.99	0.89
	HEIGHT	-1.0	4.58a	4.55a	3.53	2.71	2.19	1.84	1.58	1.38	1.22	1.09	0.99	-
	HEIGHT	-2.0	7.54a	5.15	3.66	2.80	2.24	1.88	1.60	1.40	1.25	1.13	-	-
	HEIGHT	-3.0	8.59	5.46	3.92	3.01	2.43	2.03	1.76	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3iL	 50mm - 150mm	+/- 80° - +/- 90° Over Osc End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.04	3.92	3.09	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.09	3.32	2.68	2.16	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.04	4.05	3.35	2.80	2.28	1.86	1.50	-	-
	HEIGHT	5.0	-	6.17a	6.17	4.87	3.95	3.28	2.78	2.34	1.91	1.56	1.26	-
	HEIGHT	4.0	-	-	5.93	4.67	3.81	3.20	2.73	2.35	1.92	1.57	1.28	-
	HEIGHT	3.0	-	7.65	5.69	4.50	3.70	3.13	2.69	2.32	1.89	1.54	1.26	1.02
	HEIGHT	2.0	8.64a	7.52	5.59	4.43	3.65	3.10	2.65	2.23	1.81	1.48	1.21	0.99
	HEIGHT	1.0	8.33a	7.18	5.40	4.27	3.51	2.94	2.47	2.07	1.69	1.39	1.13	0.94
	HEIGHT	0.0	9.86	6.63	4.99	3.96	3.27	2.73	2.33	1.92	1.56	1.29	1.07	0.89
	HEIGHT	-1.0	9.62	6.35	4.73	3.74	3.10	2.59	2.11	1.72	1.43	1.20	1.01	-
	HEIGHT	-2.0	9.57	6.29	4.64	3.68	2.90	2.37	1.92	1.60	1.34	1.15	-	-
	HEIGHT	-3.0	9.66	6.18	4.46	3.42	2.74	2.21	1.83	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

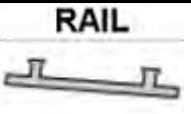


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	90 of 108

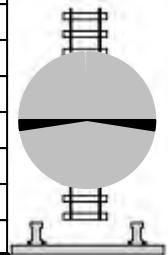
RATED LIFT CAPACITY CHART

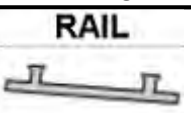
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

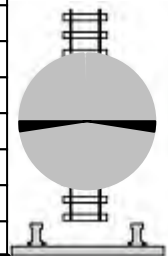
Duty	Config	Sector	Osc Axle	Safety
3jU	 50mm - 150mm	+/- 90° - +/- 100° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.03	3.25	2.64	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.08	3.32	2.75	2.29	1.91	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	3.98	3.25	2.70	2.27	1.93	1.64	1.38	-	-
	HEIGHT	5.0	-	6.01a	4.62	3.70	3.05	2.56	2.17	1.86	1.60	1.37	1.17	-
	HEIGHT	4.0	-	-	4.31	3.30	2.75	2.34	2.01	1.74	1.51	1.32	1.15	-
	HEIGHT	3.0	-	5.45	4.01	3.05	2.41	2.09	1.82	1.60	1.41	1.24	1.09	0.96
	HEIGHT	2.0	6.41a	4.85	3.58	2.75	2.19	1.87	1.66	1.47	1.31	1.16	1.03	0.92
	HEIGHT	1.0	4.29a	4.24	3.19	2.49	1.99	1.74	1.54	1.37	1.22	1.09	0.98	0.88
	HEIGHT	0.0	4.11a	3.89	2.94	2.31	1.93	1.67	1.47	1.31	1.17	1.05	0.95	0.87
	HEIGHT	-1.0	4.58a	3.80	2.88	2.31	1.93	1.66	1.45	1.29	1.15	1.04	0.95	-
	HEIGHT	-2.0	5.45	3.89	2.98	2.38	1.97	1.69	1.47	1.31	1.18	1.08	-	-
	HEIGHT	-3.0	5.71	4.10	3.15	2.54	2.11	1.81	1.59	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3jU	 50mm - 150mm	+/- 90° - +/- 100° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.05	3.26	2.64	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.11	3.39	2.82	2.33	1.92	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	4.05	3.36	2.84	2.42	2.01	1.67	1.38	-	-
	HEIGHT	5.0	-	6.10	4.82	3.92	3.28	2.79	2.41	2.06	1.72	1.43	1.17	-
	HEIGHT	4.0	-	-	4.60	3.77	3.17	2.72	2.37	2.07	1.72	1.43	1.19	-
	HEIGHT	3.0	-	5.57	4.43	3.65	3.09	2.67	2.34	2.04	1.70	1.41	1.17	0.97
	HEIGHT	2.0	7.37	5.48	4.35	3.59	3.05	2.64	2.30	1.97	1.63	1.36	1.14	0.94
	HEIGHT	1.0	6.86	5.25	4.22	3.48	2.94	2.52	2.16	1.84	1.54	1.29	1.07	0.91
	HEIGHT	0.0	6.46	4.89	3.92	3.24	2.76	2.36	2.04	1.72	1.43	1.20	1.02	0.87
	HEIGHT	-1.0	6.32	4.70	3.74	3.08	2.63	2.24	1.88	1.56	1.33	1.13	0.97	-
	HEIGHT	-2.0	6.30	4.66	3.67	3.04	2.47	2.07	1.72	1.47	1.25	1.09	-	-
	HEIGHT	-3.0	6.35	4.59	3.54	2.84	2.35	1.95	1.65	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	91 of 108

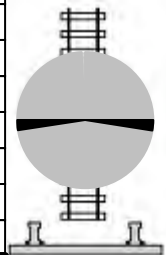
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

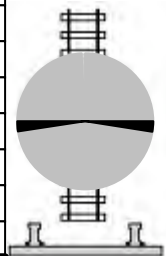
Duty	Config	Sector	Osc Axle	Safety
3jL	 50mm - 150mm	+/- 90° - +/- 100° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.76	3.75a	3.06	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.82	3.88	3.18	2.63	2.19	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	4.70	3.79	3.13	2.62	2.20	1.87	1.56	-	-
	HEIGHT	5.0	-	6.01a	5.53	4.36	3.56	2.96	2.50	2.12	1.82	1.56	1.32	-
	HEIGHT	4.0	-	-	5.15	3.88	3.20	2.70	2.30	1.99	1.72	1.49	1.29	-
	HEIGHT	3.0	-	6.67	4.79	3.59	2.80	2.41	2.09	1.83	1.60	1.40	1.23	1.07
	HEIGHT	2.0	6.41a	5.92	4.26	3.23	2.54	2.15	1.89	1.67	1.48	1.31	1.16	1.03
	HEIGHT	1.0	4.29a	4.52a	3.79	2.91	2.30	1.99	1.75	1.56	1.38	1.23	1.10	0.99
	HEIGHT	0.0	4.11a	4.15a	3.49	2.69	2.23	1.91	1.68	1.48	1.32	1.18	1.07	0.97
	HEIGHT	-1.0	4.58a	4.55a	3.41	2.70	2.23	1.90	1.65	1.46	1.30	1.17	1.06	-
	HEIGHT	-2.0	6.88	4.73	3.53	2.78	2.28	1.94	1.68	1.48	1.33	1.21	-	-
	HEIGHT	-3.0	7.21	4.99	3.75	2.97	2.45	2.08	1.82	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3jL	 50mm - 150mm	+/- 90° - +/- 100° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.79	3.81	3.06	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	4.86	3.96	3.27	2.68	2.19	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	4.78	3.93	3.29	2.79	2.30	1.90	1.56	-	-
	HEIGHT	5.0	-	6.17a	5.78	4.63	3.83	3.23	2.77	2.36	1.96	1.62	1.32	-
	HEIGHT	4.0	-	-	5.51	4.45	3.71	3.15	2.73	2.37	1.96	1.62	1.34	-
	HEIGHT	3.0	-	6.82	5.30	4.31	3.61	3.09	2.69	2.34	1.94	1.60	1.32	1.09
	HEIGHT	2.0	8.64a	6.70	5.20	4.23	3.56	3.06	2.65	2.25	1.85	1.54	1.28	1.06
	HEIGHT	1.0	8.33a	6.42	5.04	4.10	3.43	2.92	2.48	2.11	1.75	1.45	1.21	1.01
	HEIGHT	0.0	8.19	5.97	4.68	3.82	3.21	2.73	2.35	1.96	1.62	1.36	1.14	0.97
	HEIGHT	-1.0	8.01	5.73	4.46	3.62	3.06	2.59	2.15	1.78	1.50	1.28	1.08	-
	HEIGHT	-2.0	7.97	5.68	4.38	3.57	2.87	2.39	1.97	1.67	1.41	1.22	-	-
	HEIGHT	-3.0	8.04	5.59	4.22	3.34	2.73	2.24	1.89	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	92 of 108

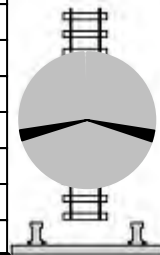
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

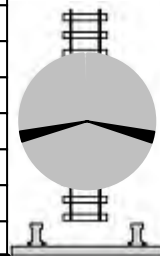
Duty	Config	Sector	Osc Axle	Safety
3kU	 RAIL 50mm - 150mm	+/- 100° - +/- 110° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	4.54	3.61	2.90	-	-	-	-	-	-	
	7.0	-	-	-	4.60	3.69	3.02	2.50	2.08	-	-	-	-	-	
	6.0	-	-	4.78a	4.49	3.61	2.97	2.48	2.09	1.77	1.48	-	-	-	
	5.0	-	6.01a	5.33	4.18	3.40	2.82	2.37	2.01	1.72	1.48	1.26	-	-	
	4.0	-	-	4.98	3.74	3.06	2.58	2.20	1.89	1.63	1.42	1.23	-	-	
	3.0	-	6.53	4.64	3.46	2.69	2.31	2.00	1.75	1.52	1.34	1.17	1.03	-	
	2.0	6.41a	5.82	4.15	3.13	2.45	2.08	1.82	1.60	1.42	1.26	1.11	0.99	-	
	1.0	4.29a	4.52a	3.71	2.83	2.24	1.93	1.69	1.50	1.33	1.18	1.06	0.95	-	
	0.0	4.11a	4.15a	3.42	2.63	2.17	1.85	1.62	1.43	1.27	1.14	1.03	0.93	-	
	-1.0	4.58a	4.55a	3.36	2.64	2.17	1.84	1.60	1.41	1.25	1.13	1.03	-	-	
	-2.0	6.97	4.69	3.47	2.71	2.22	1.88	1.62	1.43	1.28	1.17	-	-	-	
	-3.0	7.29	4.94	3.67	2.89	2.37	2.01	1.75	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3kU	 RAIL 50mm - 150mm	+/- 100° - +/- 110° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	4.57	3.62	2.90	-	-	-	-	-	-	
	7.0	-	-	-	4.64	3.76	3.10	2.54	2.08	-	-	-	-	-	
	6.0	-	-	4.80a	4.57	3.73	3.12	2.64	2.18	1.80	1.48	-	-	-	
	5.0	-	6.17a	5.56	4.43	3.64	3.07	2.62	2.23	1.85	1.53	1.26	-	-	
	4.0	-	-	5.31	4.26	3.53	2.99	2.58	2.24	1.86	1.54	1.28	-	-	
	3.0	-	6.67	5.11	4.13	3.44	2.93	2.55	2.21	1.83	1.52	1.26	1.04	-	
	2.0	8.64a	6.56	5.03	4.06	3.39	2.91	2.51	2.14	1.76	1.46	1.22	1.01	-	
	1.0	8.33a	6.29	4.88	3.93	3.28	2.78	2.36	2.00	1.66	1.39	1.15	0.97	-	
	0.0	8.24	5.86	4.54	3.67	3.07	2.60	2.23	1.87	1.55	1.30	1.10	0.93	-	
	-1.0	8.06	5.64	4.33	3.49	2.93	2.48	2.05	1.70	1.44	1.23	1.04	-	-	
	-2.0	8.03	5.59	4.25	3.44	2.76	2.29	1.89	1.60	1.36	1.18	-	-	-	
	-3.0	8.09	5.51	4.11	3.23	2.63	2.16	1.81	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	93 of 108

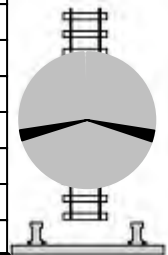
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

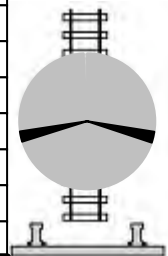
Duty	Config	Sector	Osc Axle	Safety
3kL	 RAIL 50mm - 150mm	+/- 100° - +/- 110° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.38	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.33	3.52	2.88	2.38	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.24	3.45	2.86	2.40	2.02	1.68	-	-
	HEIGHT	5.0	-	6.01a	6.09a	4.97	3.99	3.27	2.74	2.31	1.97	1.68	1.42	-
	HEIGHT	4.0	-	-	6.03	4.43	3.59	2.99	2.53	2.16	1.86	1.61	1.39	-
	HEIGHT	3.0	-	8.14	5.61	4.10	3.15	2.67	2.29	1.99	1.73	1.52	1.32	1.16
	HEIGHT	2.0	6.41a	6.22a	5.00	3.70	2.86	2.40	2.09	1.83	1.61	1.42	1.25	1.11
	HEIGHT	1.0	4.29a	4.52a	4.46	3.34	2.60	2.22	1.94	1.70	1.51	1.34	1.19	1.07
	HEIGHT	0.0	4.11a	4.15a	4.11	3.10	2.52	2.13	1.85	1.63	1.44	1.29	1.16	1.05
	HEIGHT	-1.0	4.58a	4.55a	4.03	3.10	2.52	2.12	1.83	1.60	1.42	1.27	1.15	-
	HEIGHT	-2.0	7.54a	5.81	4.16	3.20	2.58	2.16	1.85	1.63	1.45	1.32	-	-
	HEIGHT	-3.0	9.58	6.12	4.41	3.41	2.76	2.31	2.01	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3kL	 RAIL 50mm - 150mm	+/- 100° - +/- 110° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.25	3.38	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.42	3.61	2.93	2.38	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.39	3.63	3.05	2.50	2.06	1.68	-	-
	HEIGHT	5.0	-	6.17a	6.38a	5.27	4.28	3.57	3.03	2.56	2.11	1.74	1.42	-
	HEIGHT	4.0	-	-	6.43	5.07	4.15	3.48	2.98	2.57	2.12	1.75	1.45	-
	HEIGHT	3.0	-	8.32	6.19	4.90	4.04	3.41	2.94	2.54	2.09	1.72	1.42	1.17
	HEIGHT	2.0	8.64a	8.18	6.08	4.82	3.98	3.38	2.90	2.45	2.01	1.66	1.38	1.14
	HEIGHT	1.0	8.33a	7.84	5.90	4.67	3.84	3.22	2.72	2.29	1.89	1.57	1.30	1.09
	HEIGHT	0.0	9.86a	7.30	5.49	4.35	3.60	3.02	2.57	2.14	1.76	1.47	1.23	1.05
	HEIGHT	-1.0	10.00	7.01	5.23	4.14	3.43	2.87	2.36	1.94	1.63	1.38	1.17	-
	HEIGHT	-2.0	10.00	6.95	5.13	4.08	3.23	2.65	2.17	1.83	1.54	1.33	-	-
	HEIGHT	-3.0	10.00	6.85	4.95	3.82	3.07	2.49	2.08	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	94 of 108

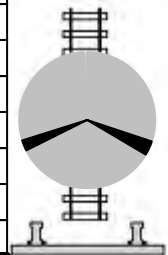
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

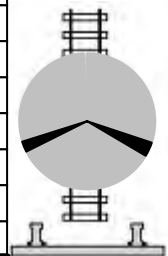
Duty	Config	Sector	Osc Axle	Safety
3IU	 50mm - 150mm	+/- 110° - +/- 120° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.27	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.16	3.39	2.80	2.32	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.08	3.34	2.78	2.34	1.98	1.66	-	-
	HEIGHT	5.0	-	6.01a	6.09a	4.79	3.86	3.17	2.66	2.26	1.93	1.66	1.41	-
	HEIGHT	4.0	-	-	5.83	4.31	3.50	2.93	2.48	2.13	1.84	1.60	1.39	-
	HEIGHT	3.0	-	7.86	5.45	4.02	3.11	2.64	2.27	1.98	1.72	1.52	1.33	1.17
	HEIGHT	2.0	6.41a	6.22a	4.91	3.66	2.85	2.39	2.08	1.83	1.62	1.43	1.26	1.13
	HEIGHT	1.0	4.29a	4.52a	4.42	3.34	2.62	2.24	1.95	1.72	1.52	1.35	1.21	1.09
	HEIGHT	0.0	4.11a	4.15a	4.11	3.12	2.54	2.16	1.88	1.65	1.46	1.31	1.18	1.07
	HEIGHT	-1.0	4.58a	4.55a	4.04	3.13	2.55	2.15	1.85	1.63	1.44	1.30	1.18	-
	HEIGHT	-2.0	7.54a	5.78	4.16	3.21	2.60	2.18	1.88	1.65	1.47	1.34	-	-
	HEIGHT	-3.0	9.44	6.06	4.38	3.40	2.76	2.32	2.01	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3IU	 50mm - 150mm	+/- 110° - +/- 120° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.20	4.09	3.27	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.25	3.47	2.84	2.33	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.21	3.50	2.94	2.43	2.01	1.66	-	-
	HEIGHT	5.0	-	6.17a	6.28	5.06	4.12	3.44	2.93	2.49	2.06	1.72	1.42	-
	HEIGHT	4.0	-	-	6.19	4.88	4.00	3.36	2.89	2.49	2.07	1.72	1.44	-
	HEIGHT	3.0	-	8.02	5.97	4.73	3.90	3.30	2.85	2.47	2.05	1.70	1.42	1.18
	HEIGHT	2.0	8.64a	7.90	5.88	4.66	3.85	3.27	2.81	2.38	1.97	1.64	1.38	1.15
	HEIGHT	1.0	8.33a	7.59	5.71	4.53	3.73	3.13	2.65	2.24	1.87	1.56	1.31	1.11
	HEIGHT	0.0	9.86a	7.11	5.34	4.24	3.51	2.95	2.52	2.11	1.75	1.47	1.25	1.07
	HEIGHT	-1.0	10.00	6.85	5.11	4.05	3.36	2.82	2.33	1.93	1.63	1.40	1.19	-
	HEIGHT	-2.0	10.00	6.80	5.03	4.00	3.18	2.62	2.16	1.83	1.55	1.35	-	-
	HEIGHT	-3.0	10.00	6.71	4.87	3.77	3.04	2.48	2.08	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	95 of 108

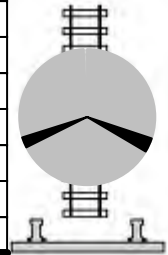
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

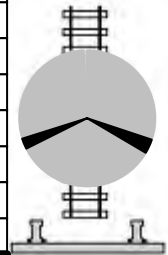
Duty	Config	Sector	Osc Axle	Safety
3IL	RAIL  50mm - 150mm	+/- 110° - +/- 120° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.66	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	4.66	3.76a	2.95a	2.60	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	4.56	3.73	3.11	2.61	2.21	1.86	-	-
	HEIGHT	5.0	-	6.01a	6.09a	5.36	4.31	3.55	2.98	2.53	2.16	1.85	1.58	-
	HEIGHT	4.0	-	-	6.52	4.82	3.91	3.27	2.77	2.38	2.06	1.79	1.55	-
	HEIGHT	3.0	-	8.79	6.10	4.49	3.47	2.95	2.54	2.21	1.93	1.70	1.49	1.31
	HEIGHT	2.0	6.41a	6.22a	5.49	4.09	3.18	2.68	2.33	2.05	1.81	1.60	1.41	1.26
	HEIGHT	1.0	4.29a	4.52a	4.87a	3.73	2.93	2.50	2.18	1.92	1.70	1.51	1.35	1.22
	HEIGHT	0.0	4.11a	4.15a	4.39a	3.49	2.84	2.41	2.10	1.85	1.63	1.46	1.32	1.20
	HEIGHT	-1.0	4.58a	4.55a	4.52	3.50	2.85	2.40	2.07	1.82	1.61	1.45	1.31	-
	HEIGHT	-2.0	7.54a	6.46	4.65	3.59	2.90	2.44	2.10	1.84	1.64	1.49	-	-
	HEIGHT	-3.0	10.00	6.77	4.90	3.80	3.09	2.59	2.25	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3IL	RAIL  50mm - 150mm	+/- 110° - +/- 120° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.58	3.66	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	4.75	3.89	3.17	2.60	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	4.71	3.91	3.29	2.72	2.25	1.86	-	-
	HEIGHT	5.0	-	6.17a	6.38a	5.66	4.60	3.85	3.28	2.78	2.31	1.92	1.59	-
	HEIGHT	4.0	-	-	6.92	5.46	4.47	3.76	3.23	2.79	2.31	1.93	1.61	-
	HEIGHT	3.0	-	8.93	6.68	5.29	4.36	3.69	3.19	2.76	2.29	1.90	1.59	1.32
	HEIGHT	2.0	8.64a	8.79	6.57	5.22	4.31	3.66	3.14	2.67	2.20	1.84	1.54	1.29
	HEIGHT	1.0	8.33a	8.49	6.39	5.06	4.17	3.50	2.97	2.51	2.09	1.75	1.46	1.24
	HEIGHT	0.0	9.86a	7.95	5.98	4.75	3.92	3.30	2.82	2.35	1.96	1.65	1.40	1.20
	HEIGHT	-1.0	10.00	7.67	5.72	4.53	3.75	3.15	2.61	2.16	1.83	1.56	1.34	-
	HEIGHT	-2.0	10.00	7.61	5.62	4.47	3.55	2.93	2.41	2.04	1.74	1.51	-	-
	HEIGHT	-3.0	10.00	7.50	5.44	4.21	3.40	2.77	2.32	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	96 of 108

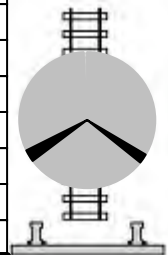
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

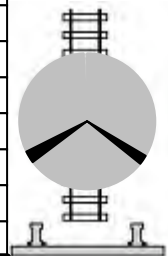
Duty	Config	Sector	Osc Axle	Safety
3mU	 50mm - 150mm	+/- 120° - +/- 130° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.52	-	-	-	-	-	-
	7.0	-	-	-	-	5.06a	4.46	3.65	2.95a	2.52	-	-	-	-
	6.0	-	-	-	4.78a	5.04a	4.38	3.59	3.00	2.54	2.16	1.82	-	-
	5.0	-	-	6.01a	6.09a	5.15	4.15	3.43	2.89	2.46	2.11	1.82	1.56	-
	4.0	-	-	-	6.27	4.67	3.80	3.18	2.70	2.33	2.02	1.76	1.54	-
	3.0	-	-	8.46	5.90	4.37	3.40	2.90	2.49	2.18	1.90	1.68	1.48	1.31
	2.0	6.41a	6.22a	5.36	4.02	3.14	2.65	2.31	2.03	1.80	1.59	1.41	1.26	-
	1.0	4.29a	4.52a	4.87a	3.70	2.92	2.49	2.17	1.92	1.70	1.52	1.36	1.23	-
	0.0	4.11a	4.15a	4.39a	3.48	2.84	2.41	2.10	1.85	1.64	1.47	1.33	1.21	-
	-1.0	4.58a	4.55a	4.49	3.49	2.85	2.40	2.08	1.83	1.62	1.46	1.33	-	-
	-2.0	7.54a	6.38	4.61	3.57	2.89	2.44	2.10	1.85	1.65	1.50	-	-	-
	-3.0	10.00	6.65	4.83	3.76	3.06	2.57	2.24	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3mU	 50mm - 150mm	+/- 120° - +/- 130° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.39	3.52	-	-	-	-	-	-
	7.0	-	-	-	-	5.10a	4.54	3.73	3.06	2.53	-	-	-	-
	6.0	-	-	-	4.80a	5.14a	4.51	3.75	3.17	2.63	2.19	1.82	-	-
	5.0	-	-	6.17a	6.38a	5.42	4.41	3.70	3.15	2.68	2.24	1.88	1.57	-
	4.0	-	-	-	6.64	5.24	4.30	3.62	3.11	2.69	2.25	1.88	1.59	-
	3.0	-	-	8.62	6.42	5.09	4.20	3.56	3.07	2.66	2.22	1.86	1.57	1.32
	2.0	8.64a	8.49	6.32	5.02	4.15	3.53	3.03	2.58	2.15	1.80	1.53	1.29	-
	1.0	8.33a	8.19	6.16	4.89	4.03	3.39	2.88	2.44	2.05	1.73	1.46	1.25	-
	0.0	9.86a	7.71	5.79	4.60	3.81	3.20	2.74	2.30	1.93	1.63	1.40	1.21	-
	-1.0	10.00	7.45	5.56	4.41	3.66	3.07	2.56	2.13	1.81	1.56	1.34	-	-
	-2.0	10.00	7.40	5.48	4.35	3.48	2.88	2.38	2.03	1.73	1.51	-	-	-
	-3.0	10.00	7.30	5.31	4.12	3.34	2.74	2.30	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	97 of 108

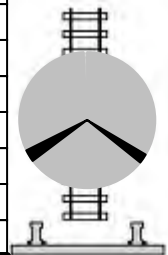
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

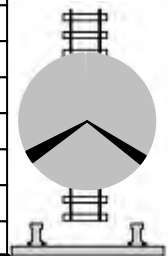
Duty	Config	Sector	Osc Axle	Safety
3mL	 RAIL 50mm - 150mm	+/- 120° - +/- 130° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.00	3.76a	2.95a	2.82	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	4.91	4.02	3.36	2.84	2.42	2.04	-	-	-	
	5.0	-	6.01a	6.09a	5.77	4.65	3.84	3.24	2.61a	2.37	2.04	1.75	-	-	
	4.0	-	-	7.03	5.23	4.26	3.56	3.03	2.61	2.26	1.98	1.72	-	-	
	3.0	-	8.86b	6.61	4.90	3.81	3.24	2.79	2.44	2.13	1.88	1.66	1.46	-	
	2.0	6.41a	6.22a	6.00	4.50	3.52	2.97	2.59	2.27	2.01	1.78	1.58	1.42	-	
	1.0	4.29a	4.52a	4.87a	4.14	3.27	2.79	2.44	2.15	1.91	1.70	1.52	1.37	-	
	0.0	4.11a	4.15a	4.39a	3.90	3.18	2.71	2.35	2.07	1.84	1.65	1.49	1.35	-	
	-1.0	4.58a	4.55a	4.92a	3.91	3.19	2.69	2.33	2.05	1.82	1.64	1.49	-	-	
	-2.0	7.54a	7.14	5.16	4.00	3.24	2.73	2.35	2.07	1.85	1.68	-	-	-	
	-3.0	10.00	7.45	5.41	4.21	3.43	2.89	2.51	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3mL	 RAIL 50mm - 150mm	+/- 120° - +/- 130° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.08	4.17	3.43	2.83	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.05	4.20	3.55	2.95	2.46	2.04	-	-	-	
	5.0	-	6.17a	6.38a	6.07	4.94	4.14	3.53	3.00	2.51	2.11	1.76	-	-	
	4.0	-	-	7.40	5.87	4.81	4.05	3.48	3.02	2.52	2.11	1.78	-	-	
	3.0	-	9.47	7.16	5.70	4.70	3.98	3.44	2.98	2.49	2.09	1.76	1.48	-	
	2.0	8.64a	9.35	7.05	5.62	4.65	3.95	3.40	2.89	2.41	2.02	1.71	1.45	-	
	1.0	8.33a	9.18	6.90	5.47	4.51	3.80	3.22	2.74	2.29	1.93	1.63	1.40	-	
	0.0	9.86a	8.63	6.49	5.15	4.26	3.59	3.07	2.58	2.16	1.83	1.57	1.35	-	
	-1.0	10.00	8.35	6.23	4.94	4.10	3.44	2.86	2.39	2.03	1.75	1.51	-	-	
	-2.0	10.00	8.29	6.13	4.88	3.89	3.22	2.67	2.27	1.94	1.69	-	-	-	
	-3.0	10.00	8.18	5.95	4.62	3.74	3.06	2.58	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	

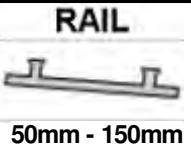


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	98 of 108

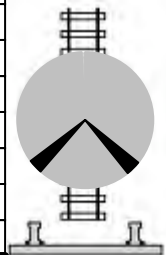
RATED LIFT CAPACITY CHART

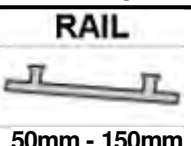
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

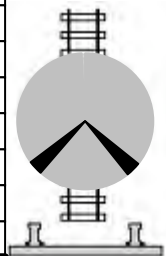
Duty	Config	Sector	Osc Axle	Safety
3nU	 50mm - 150mm	+/- 130° - +/- 140° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	5.23a	4.47	3.64a	3.15a	2.77	2.38	-	-	-	
	5.0	-	6.01a	6.09a	6.12a	5.18	4.31	3.66	2.61a	2.73	2.38	2.08	-	-	
	4.0	-	-	7.37b	5.90	4.82	4.06	3.47	3.01	2.63	2.32	2.05	-	-	
	3.0	-	8.86b	7.13b	5.60	4.43	3.77	3.26	2.86	2.52	2.24	1.99	1.78	-	
	2.0	6.41a	6.22a	6.49a	5.25	4.17	3.53	3.08	2.71	2.41	2.15	1.93	1.74	-	
	1.0	4.29a	4.52a	4.87a	4.93	3.94	3.37	2.94	2.60	2.31	2.08	1.87	1.70	-	
	0.0	4.11a	4.15a	4.39a	4.68a	3.86	3.29	2.87	2.53	2.25	2.03	1.84	1.68	-	
	-1.0	4.58a	4.55a	4.92a	4.71	3.87	3.28	2.84	2.51	2.23	2.02	1.84	-	-	
	-2.0	7.54a	7.95a	6.14	4.80	3.92	3.32	2.87	2.53	2.26	2.06	-	-	-	
	-3.0	10.00	8.70	6.37	4.99	4.08	3.45	3.00	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3nU	 50mm - 150mm	+/- 130° - +/- 140° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	4.59	3.83	3.21	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	4.63	3.93	3.31	2.81	2.38	-	-	-	
	5.0	-	6.17a	6.38a	6.38	5.42	4.57b	3.92	3.36	2.86	2.44	2.08	-	-	
	4.0	-	-	8.04	6.40	5.29b	4.48	3.88	3.37	2.86	2.44	2.10	-	-	
	3.0	-	9.58b	7.82	6.26	5.19	4.42	3.84	3.33	2.83	2.42	2.08	1.79	-	
	2.0	8.64a	10.00	7.72	6.19	5.14	4.39	3.80	3.27	2.76	2.36	2.04	1.76	-	
	1.0	8.33a	10.00	7.67	6.12	5.05	4.27	3.64	3.13	2.66	2.29	1.97	1.72	-	
	0.0	9.86a	9.75	7.33	5.83	4.83	4.08	3.51	2.99	2.54	2.19	1.91	1.68	-	
	-1.0	10.00	9.50	7.10	5.64	4.68	3.95	3.32	2.82	2.43	2.12	1.86	-	-	
	-2.0	10.00	9.45	7.01	5.58	4.50	3.75	3.15	2.71	2.35	2.07	-	-	-	
	-3.0	10.00	9.35	6.85	5.35	4.36	3.61	3.07	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	99 of 108

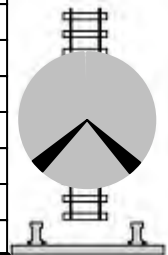
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

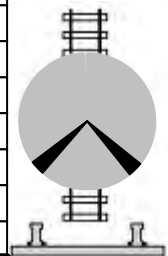
Duty	Config	Sector	Osc Axle	Safety
3nL	 RAIL 50mm - 150mm	+/- 130° - +/- 140° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.10	2.69	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97	2.61a	2.88a	2.66a	2.38	-
	HEIGHT	4.0	-	-	7.37b	6.00	5.06	4.35	3.79	3.14a	2.95	2.63	2.35	-
	HEIGHT	3.0	-	8.86b	7.13b	5.73	4.68	4.07	3.58	3.04a	2.78a	2.55	2.29	2.06
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.39	4.43	3.83	3.39	3.03	2.73	2.45	2.22	2.02
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.10	4.21	3.68	3.26	2.92	2.63	2.38	2.17	1.98
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	4.14	3.60	3.19	2.85	2.57	2.33	2.13	1.96
	HEIGHT	-1.0	4.58a	4.55a	4.92a	4.90	4.14	3.59	3.16	2.83	2.55	2.32	2.13	-
	HEIGHT	-2.0	7.54a	7.82	6.10	4.97	4.19	3.62	3.19	2.85	2.58	2.36	-	-
	HEIGHT	-3.0	10.00	8.06	6.30	5.15	4.34	3.76	3.32	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3nL	 RAIL 50mm - 150mm	+/- 130° - +/- 140° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	4.85	4.14	3.53	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	4.88	4.23	3.63	3.13	2.69	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	5.61	4.82	4.21	3.68	3.18	2.75	2.38	-
	HEIGHT	4.0	-	-	7.82	6.47	5.49	4.74	4.16	3.68	3.18	2.76	2.40	-
	HEIGHT	3.0	-	9.57	7.62	6.31	5.39	4.67	4.12	3.65a	3.15	2.73	2.38	2.08
	HEIGHT	2.0	8.64a	9.47b	7.54	6.25	5.33b	4.65	4.12	3.57	3.08	2.67	2.34	2.05
	HEIGHT	1.0	8.33a	9.35	7.49	6.20	5.27	4.55	3.96	3.45	2.98	2.59	2.27	2.00
	HEIGHT	0.0	9.86a	8.94	7.16	5.94	5.06	4.37	3.83	3.31	2.86	2.50	2.20	1.96
	HEIGHT	-1.0	10.00	8.72	6.95	5.76	4.92	4.24	3.64	3.14	2.74	2.42	2.15	-
	HEIGHT	-2.0	10.00	8.68	6.88	5.71	4.75	4.05	3.47	3.03	2.66	2.37	-	-
	HEIGHT	-3.0	10.00	8.60	6.73	5.49	4.61	3.91	3.39	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	100 of 108

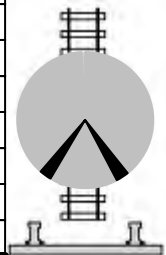
RATED LIFT CAPACITY CHART

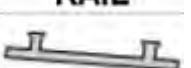
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

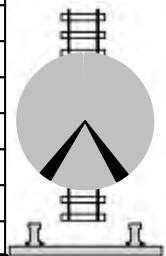
Duty	Config	Sector	Osc Axle	Safety
3oU	 50mm - 150mm	+/- 140° - +/- 150° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	2.74
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.28	2.92a	2.69
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.15	4.50	3.99	3.56	3.21	2.91	2.66
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	5.94	5.07	4.43	3.91a	3.50	3.16	2.88	2.64
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	5.95	5.06	4.40	3.89	3.48	3.15	2.88	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.42	3.91	3.51	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3oU	 50mm - 150mm	+/- 140° - +/- 150° Over Fixed End		67%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.66	4.04	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.66	4.08	3.56	3.11	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.03	5.23	4.61	4.08	3.57	3.13	-
	HEIGHT	3.0	-	9.58b	9.58b	8.32	6.96	5.94	5.18	4.58	4.05	3.54	3.11	2.75
	HEIGHT	2.0	8.64a	10.00	10.00	8.25	6.89b	5.90	5.16	4.59	3.99	3.48	3.06	2.72
	HEIGHT	1.0	8.33a	10.00	10.00	8.28	6.91b	5.93	5.18	4.49	3.89	3.42	3.01	2.68
	HEIGHT	0.0	9.86a	10.00	10.00	8.30	6.91	5.86	5.07	4.34	3.79	3.33	2.95	2.64
	HEIGHT	-1.0	10.00	10.00	10.00	8.13	6.76	5.73	4.88	4.20	3.67	3.25	2.89	-
	HEIGHT	-2.0	10.00	10.00	10.00	8.07	6.58	5.53	4.71	4.09	3.59	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	9.97	7.85	6.44	5.39	4.63	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	101 of 108

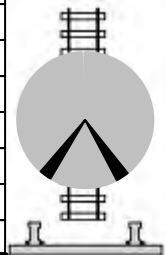
RATED LIFT CAPACITY CHART

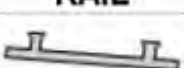
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

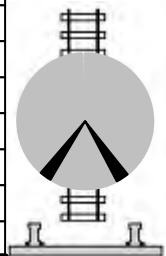
Duty	Config	Sector	Osc Axle	Safety
3oL	 50mm - 150mm	+/- 140° - +/- 150° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.67	2.98a
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	4.01a	3.58a	3.09a
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.19b	4.57	4.01a	3.50b	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3oL	 50mm - 150mm	+/- 140° - +/- 150° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.54r	3.95	-
	HEIGHT	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.10r	4.53	3.92	3.41
	HEIGHT	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.67b	5.81	5.12	4.48	3.86	3.37
	HEIGHT	1.0	8.33a	10.00	10.00	10.00	8.93b	7.80b	6.70b	5.84	5.11	4.38	3.78	3.31
	HEIGHT	0.0	9.86a	10.00	10.00	10.00	9.00b	7.86b	6.79b	5.87	4.97	4.26	3.70	3.09a
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.17b	8.02b	6.83	5.70	4.84	4.15	3.64	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.44b	8.05b	6.62	5.54	4.56b	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-

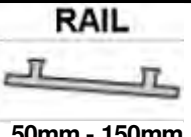


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	102 of 108

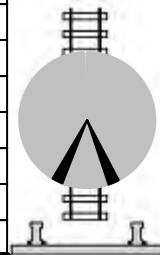
RATED LIFT CAPACITY CHART

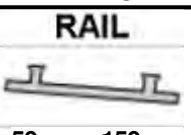
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

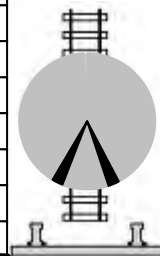
Duty	Config	Sector	Osc Axle	Safety
3pU	 50mm - 150mm	+/- 150° - +/- 160° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-	-	
	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-	-	
	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-	-	
	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	2.96	-	
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.91	-	
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.19	2.87	-	
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.40	3.91a	4.00	3.53	3.16	2.85	-	
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.37	4.58	3.98	3.52	3.15	-	-	
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-	
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3pU	 50mm - 150mm	+/- 150° - +/- 160° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-	-	
	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.01	3.41a	-	-	
	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.66	4.01	3.45	-	-	
	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.28	4.63	3.98	3.43	2.98	-	
	2.0	8.64a	10.00	10.00	9.68b	8.76b	7.22b	6.10	5.26	4.60	3.92	3.38	2.93	-	
	1.0	8.33a	10.00	10.00	10.00	8.77b	7.23b	6.12	5.32	4.49	3.82	3.31	2.90	-	
	0.0	9.86a	10.00	10.00	10.00	8.88	7.33b	6.20	5.16	4.33	3.73	3.24	2.85	-	
	-1.0	10.00	10.00	10.00	10.00	9.08	7.42	5.97	4.97	4.22	3.64	3.17	-	-	
	-2.0	10.00	10.00	10.00	10.00	9.12	7.15	5.77	4.83	4.12	3.13b	-	-	-	
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	103 of 108

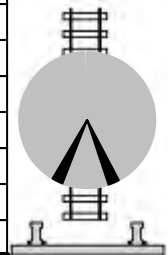
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

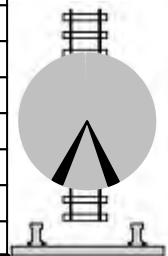
Duty	Config	Sector	Osc Axle	Safety
3pL	 50mm - 150mm	+/- 150° - +/- 160° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-	-	
	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-	-	
	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-	-	
	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a	-	
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-	
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.57	2.98a	-	
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	3.96	3.53	3.09a	-	
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.12	4.45	3.94	3.50b	-	-	
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-	
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3pL	 50mm - 150mm	+/- 150° - +/- 160° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-	-	
	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-	-	
	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.48	3.85	-	-	
	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.05	4.44	3.83	3.32	-	
	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.60b	5.72	5.04	4.37	3.77	3.29	-	
	1.0	8.33a	10.00	10.00	10.00	8.93b	7.74	6.61b	5.74	5.00	4.28	3.69	3.23	-	
	0.0	9.86a	10.00	10.00	10.00	9.00b	7.82b	6.70b	5.74	4.85	4.15	3.61	3.09a	-	
	-1.0	10.00	10.00	10.00	10.00	9.17b	8.01b	6.68	5.57	4.72	4.05	3.55	-	-	
	-2.0	10.00	10.00	10.00	10.00	9.44b	8.00	6.46	5.41	4.56b	3.13b	-	-	-	
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	

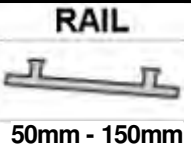


NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	104 of 108

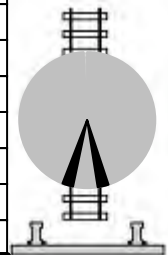
RATED LIFT CAPACITY CHART

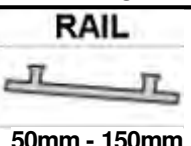
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

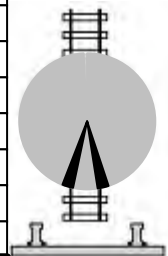
Duty	Config	Sector	Osc Axle	Safety
3qU	 RAIL 50mm - 150mm	+/- 160° - +/- 170° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	-
		7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-
		6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-	-
		5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-	-
		4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-	-
		3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	2.97	-
		2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92	-
		1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.20	2.87	-
		0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.41	3.91a	4.01	3.54	3.16	2.85	-
		-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.38	4.58	3.98	3.53	3.16	-	-
		-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
		-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3qU	 RAIL 50mm - 150mm	+/- 160° - +/- 170° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-	-	
	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.01	3.41a	-	-	
	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.66	4.01	3.45	-	-	
	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.29	4.63	3.99	3.43	2.98	-	
	2.0	8.64a	10.00	10.00	9.68b	8.77	7.22b	6.10	5.27	4.60	3.93	3.38	2.94	-	
	1.0	8.33a	10.00	10.00	10.00	8.78	7.23b	6.13	5.33	4.49	3.83	3.32	2.90	-	
	0.0	9.86a	10.00	10.00	10.00	8.88b	7.33	6.21	5.16	4.34	3.74	3.24	2.85	-	
	-1.0	10.00	10.00	10.00	10.00	9.09	7.43	5.97	4.98	4.22	3.65	3.18	-	-	
	-2.0	10.00	10.00	10.00	10.00	9.13	7.16	5.78	4.84	4.12	3.13b	-	-	-	
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	105 of 108

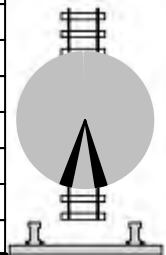
RATED LIFT CAPACITY CHART

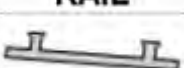
RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

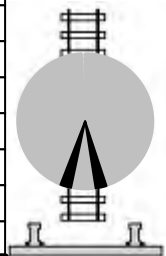
Duty	Config	Sector	Osc Axle	Safety
3qL	 50mm - 150mm	+/- 160° - +/- 170° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-
	HEIGHT	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-
	HEIGHT	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-
	HEIGHT	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-
	HEIGHT	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a
	HEIGHT	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a
	HEIGHT	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.57	2.98a
	HEIGHT	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	3.95	3.52	3.09a
	HEIGHT	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.11	4.44	3.93	3.50b	-
	HEIGHT	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-
	HEIGHT	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3qL	 50mm - 150mm	+/- 160° - +/- 170° Over Fixed End		75%

		RADIUS												
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-
	HEIGHT	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-
	HEIGHT	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-
	HEIGHT	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-
	HEIGHT	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.47	3.85	-
	HEIGHT	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.04	4.44	3.82	3.32
	HEIGHT	2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.60	5.71b	5.03b	4.36	3.76	3.28
	HEIGHT	1.0	8.33a	10.00	10.00	10.00	8.93b	7.73b	6.60	5.74b	4.99	4.27	3.68	3.22
	HEIGHT	0.0	9.86a	10.00	10.00	10.00	9.00b	7.80	6.70b	5.73	4.84	4.14	3.60	3.09a
	HEIGHT	-1.0	10.00	10.00	10.00	10.00	9.17b	8.00	6.67	5.55	4.71	4.04	3.54	-
	HEIGHT	-2.0	10.00	10.00	10.00	10.00	9.44b	7.99	6.45	5.40	4.56b	3.13b	-	-
	HEIGHT	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-
	HEIGHT	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	106 of 108

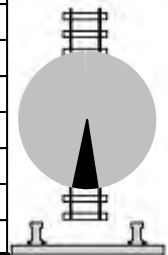
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

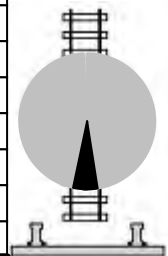
Duty	Config	Sector	Osc Axle	Safety
3rU	RAIL  50mm - 150mm	+/- 10° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-	
	6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-	-	
	5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-	-	
	4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-	-	
	3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	2.97	-	
	2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.91	-	
	1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.20	2.87	-	
	0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.41	3.91a	4.01	3.54	3.16	2.85	-	
	-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.38	4.58	3.98	3.52	3.16	-	-	
	-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-	
	-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety
3rU	RAIL  50mm - 150mm	+/- 10° Over Fixed End		67%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	
	7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-	-	
	6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-	-	
	5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.01	3.41a	-	-	
	4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.66	4.01	3.45	-	-	
	3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.29	4.63	3.99	3.43	2.98	-	
	2.0	8.64a	10.00	10.00	9.68b	8.76	7.22b	6.10	5.27	4.60	3.93	3.38	2.94	-	
	1.0	8.33a	10.00	10.00	10.00	8.78	7.23b	6.13	5.33	4.49	3.83	3.31	2.90	-	
	0.0	9.86a	10.00	10.00	10.00	8.88	7.33	6.20	5.16	4.34	3.74	3.24	2.85	-	
	-1.0	10.00	10.00	10.00	10.00	9.09	7.43	5.97	4.98	4.22	3.64	3.18	-	-	
	-2.0	10.00	10.00	10.00	10.00	9.12	7.16	5.78	4.84	4.12	3.13b	-	-	-	
	-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-	
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	107 of 108

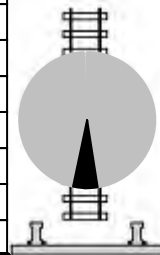
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Leibherr A900ZW	Equipment	2.07m + 2.25m + 3.50m
Issue Date	01/10/2014	Serial No.	18459
FIRST of CLASS	Not Found	Additional Info.	Bucket Pin, Triple

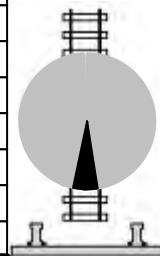
Duty	Config	Sector	Osc Axle	Safety
3rL	RAIL  50mm - 150mm	+/- 10° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MINIMUM LOADS	HEIGHT	8.0	-	-	-	5.02a	3.75a	3.86a	-	-	-	-	-	-	-
		7.0	-	-	-	5.06a	5.07a	3.76a	2.95a	3.07a	-	-	-	-	-
		6.0	-	-	4.78a	5.04a	5.23a	4.64b	3.64a	3.15a	3.18a	3.10a	-	-	-
		5.0	-	6.01a	6.09a	6.12a	5.33b	4.57b	3.97b	2.61a	2.88a	2.66a	3.05a	-	-
		4.0	-	-	7.37b	6.11b	5.18b	4.48b	3.92b	3.14a	3.11a	3.16a	2.61a	-	-
		3.0	-	8.86b	7.13b	5.93b	5.06b	4.39b	3.87b	3.04a	2.78a	3.06a	3.02a	3.06a	-
		2.0	6.41a	6.22a	6.49a	5.85b	5.00b	4.36b	4.13b	3.30a	3.46a	3.33a	2.92a	2.92a	-
		1.0	4.29a	4.52a	4.87a	5.40a	5.74r	5.19r	5.01r	4.21a	3.69a	3.46a	3.58	2.98a	-
		0.0	4.11a	4.15a	4.39a	4.68a	6.93r	6.28r	5.60a	3.91a	4.23a	3.96	3.54	3.09a	-
		-1.0	4.58a	4.55a	4.92a	6.72a	6.77b	6.23b	5.70b	5.13	4.46	3.95	3.50b	-	-
		-2.0	7.54a	7.95a	7.32b	6.01b	5.27b	5.03b	4.57b	4.22b	3.72b	3.01b	-	-	-
		-3.0	10.00	9.57b	7.57b	6.23b	5.28b	4.59b	4.07b	-	-	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
3rL	RAIL  50mm - 150mm	+/- 10° Over Fixed End		75%

		RADIUS													
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	
MAXIMUM LOADS	HEIGHT	8.0	-	-	-	5.30a	4.91a	3.86a	-	-	-	-	-	-	-
		7.0	-	-	-	5.10a	5.14a	5.09a	4.79r	4.06a	-	-	-	-	-
		6.0	-	-	4.80a	5.14a	5.30a	5.34a	5.15r	4.77a	4.26r	3.10a	-	-	-
		5.0	-	6.17a	6.38a	6.38a	6.25r	5.73r	5.30r	4.95r	4.67r	4.17r	3.41a	-	-
		4.0	-	-	9.14r	7.90r	6.87r	6.16r	5.60r	5.17r	4.85r	4.48	3.86	-	-
		3.0	-	9.58b	9.58b	9.27b	7.95r	6.81r	6.06r	5.52r	5.06	4.45	3.83	3.33	-
		2.0	8.64a	10.00	10.00	9.68b	8.87b	7.70r	6.60b	5.72	5.05	4.38	3.77	3.29	-
		1.0	8.33a	10.00	10.00	10.00	8.93b	7.75	6.61b	5.75	5.01	4.29	3.70	3.23	-
		0.0	9.86a	10.00	10.00	10.00	9.00b	7.82b	6.71	5.75	4.86	4.16	3.61	3.09a	-
		-1.0	10.00	10.00	10.00	10.00	9.17b	8.01b	6.69	5.57	4.73	4.06	3.56	-	-
		-2.0	10.00	10.00	10.00	10.00	9.44b	8.01	6.47	5.42	4.56b	3.13b	-	-	-
		-3.0	10.00	10.00	10.00	9.62b	7.86b	6.21b	4.71b	-	-	-	-	-	-
		-4.0	-	-	-	-	-	-	-	-	-	-	-	-	-



NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the bucket pin with no other equipment attached. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	108 of 108