

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1aU	ROAD	+/- 10° Over Front		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.12	5.49	-	-
	5.0	-	-	-	-	-	-	-	-	6.10	5.49	4.97	-
	4.0	-	-	-	-	-	-	-	-	6.04	5.45	4.95	4.52
	3.0	-	-	-	-	-	-	7.51	6.66	5.97	5.39	4.91	4.50
	2.0	-	-	-	-	-	8.40	7.37	6.55	5.88	5.33	4.86	4.47
	1.0	-	-	-	-	-	8.24	7.25	6.45	5.81	5.27	4.82	4.44
	0.0	-	-	-	-	9.41	8.14	7.16	6.39	5.76	5.23	4.80	4.43
	-1.0	-	-	12.56a	11.09	9.37	8.10	7.13	6.36	5.73	5.22	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1aU	ROAD	+/- 10° Over Front		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.55	-	-	-	-	-
	5.0	-	-	-	-	-	-	7.51	6.63	5.91	-	-	-
	4.0	-	-	-	-	-	8.50	7.43	6.57	5.88	5.30	-	-
	3.0	-	-	-	-	-	8.36	7.32	6.50	5.83	5.27	-	-
	2.0	-	-	-	-	-	8.23	7.22	6.42	5.77	5.23	-	-
	1.0	-	-	-	-	9.44	8.15	7.15	6.37	5.73	5.20	-	-
	0.0	-	-	-	11.17	9.40	8.11	7.12	6.34	5.71	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

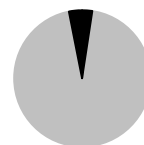
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1aU	ROAD	+/- 10° Over Front		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.22	4.67	-	-
	5.0	-	-	-	-	-	-	-	-	5.20	4.67	4.22	-
	4.0	-	-	-	-	-	-	-	-	5.14	4.63	4.20	3.82
	3.0	-	-	-	-	-	-	6.40	5.67	5.07	4.57	4.16	3.80
	2.0	-	-	-	-	-	7.14	6.26	5.56	4.98	4.51	4.11	3.77
	1.0	-	-	-	-	-	6.99	6.14	5.46	4.91	4.45	4.07	3.74
	0.0	-	-	-	-	7.97	6.89	6.05	5.39	4.86	4.41	4.04	3.73
	-1.0	-	-	11.51	9.39	7.92	6.84	6.02	5.36	4.83	4.40	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1aU	ROAD	+/- 10° Over Front		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.44	-	-	-	-	-
	5.0	-	-	-	-	-	-	6.40	5.64	5.02	-	-	-
	4.0	-	-	-	-	-	7.25	6.32	5.58	4.98	4.48	-	-
	3.0	-	-	-	-	-	7.11	6.21	5.50	4.93	4.45	-	-
	2.0	-	-	-	-	-	6.98	6.12	5.43	4.87	4.41	-	-
	1.0	-	-	-	-	7.99	6.89	6.04	5.37	4.83	4.38	-	-
	0.0	-	-	-	9.46	7.96	6.85	6.01	5.35	4.81	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1aL	ROAD	+/- 10° Over Front		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	7.81	7.04	-	-
	5.0	-	-	-	-	-	-	-	-	7.79	7.04	6.40	-
	4.0	-	-	-	-	-	-	-	-	7.74	7.00	6.38	5.84
	3.0	-	-	-	-	-	-	9.54a	8.53	7.66	6.94	6.34	5.82
	2.0	-	-	-	-	-	10.76	9.46	8.42	7.58	6.88	6.29	5.79
	1.0	-	-	-	-	-	10.60	9.33	8.32	7.50	6.82	6.25	5.76
	0.0	-	-	-	-	12.13	10.50	9.25	8.26	7.45	6.78	6.22	5.76
	-1.0	-	-	12.56a	14.30	12.09	10.46	9.21	8.23	7.43	6.77	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1aL	ROAD	+/- 10° Over Front		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	9.63	-	-	-	-	-
	5.0	-	-	-	-	-	-	9.60	8.50	7.61	-	-	-
	4.0	-	-	-	-	-	10.87	9.52	8.45	7.58	6.85	-	-
	3.0	-	-	-	-	-	10.73	9.41	8.37	7.52	6.82	-	-
	2.0	-	-	-	-	-	10.60	9.31	8.29	7.46	6.78	-	-
	1.0	-	-	-	-	12.16	10.51	9.24	8.24	7.42	6.75	-	-
	0.0	-	-	-	14.37	12.12	10.47	9.21	8.21	7.41	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1aL	ROAD	+/- 10° Over Front		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.82	6.13	-	-
	5.0	-	-	-	-	-	-	-	-	6.80	6.13	5.56	-
	4.0	-	-	-	-	-	-	-	-	6.75	6.09	5.54	5.07
	3.0	-	-	-	-	-	-	8.38	7.43	6.67	6.03	5.50	5.05
	2.0	-	-	-	-	-	9.38	8.23	7.32	6.58	5.97	5.45	5.01
	1.0	-	-	-	-	-	9.22	8.11	7.23	6.51	5.91	5.41	4.99
	0.0	-	-	-	-	10.54	9.12	8.03	7.16	6.46	5.87	5.39	4.98
	-1.0	-	-	12.56a	12.42	10.49	9.08	7.99	7.13	6.44	5.86	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1aL	ROAD	+/- 10° Over Front		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	8.41	-	-	-	-	-
	5.0	-	-	-	-	-	-	8.38	7.41	6.62	-	-	-
	4.0	-	-	-	-	-	9.48	8.29	7.35	6.58	5.94	-	-
	3.0	-	-	-	-	-	9.34	8.19	7.27	6.53	5.91	-	-
	2.0	-	-	-	-	-	9.21	8.09	7.20	6.47	5.87	-	-
	1.0	-	-	-	-	10.56	9.12	8.02	7.14	6.43	5.84	-	-
	0.0	-	-	-	12.49	10.53	9.09	7.98	7.11	6.41	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	10.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1bU	ROAD	+/- 10° - +/- 45° Over Front		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.82	3.39	-	-
	5.0	-	-	-	-	-	-	-	-	3.81	3.39	3.04	-
	4.0	-	-	-	-	-	-	-	-	3.75	3.35	3.02	2.73
	3.0	-	-	-	-	-	-	4.68	4.12	3.67	3.30	2.98	2.71
	2.0	-	-	-	-	-	5.20	4.54	4.01	3.59	3.23	2.93	2.68
	1.0	-	-	-	-	-	5.04	4.42	3.92	3.51	3.17	2.89	2.65
	0.0	-	-	-	-	5.72	4.94	4.33	3.85	3.46	3.14	2.87	2.65
	-1.0	-	-	8.29	6.75	5.68	4.90	4.30	3.82	3.44	3.13	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1bU	ROAD	+/- 10° - +/- 45° Over Front		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	4.72	-	-	-	-	-
	5.0	-	-	-	-	-	-	4.68	4.10	3.62	-	-	-
	4.0	-	-	-	-	-	5.30	4.60	4.04	3.59	3.21	-	-
	3.0	-	-	-	-	-	5.16	4.49	3.96	3.53	3.17	-	-
	2.0	-	-	-	-	-	5.03	4.39	3.89	3.47	3.13	-	-
	1.0	-	-	-	-	5.75	4.94	4.32	3.83	3.43	3.11	-	-
	0.0	-	-	-	6.82	5.72	4.91	4.29	3.81	3.42	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1bU	ROAD	+/- 10° - +/- 45° Over Front		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	2.95	2.59	-	-
	5.0	-	-	-	-	-	-	-	-	2.93	2.60	2.30	-
	4.0	-	-	-	-	-	-	-	-	2.88	2.56	2.28	2.05
	3.0	-	-	-	-	-	-	3.62	3.16	2.80	2.50	2.24	2.03
	2.0	-	-	-	-	-	4.00	3.47	3.05	2.71	2.43	2.19	1.99
	1.0	-	-	-	-	-	3.84	3.35	2.96	2.64	2.37	2.15	1.97
	0.0	-	-	-	-	4.35	3.74	3.26	2.89	2.59	2.33	2.13	1.96
	-1.0	-	-	6.36	5.14	4.30	3.69	3.23	2.86	2.56	2.32	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1bU	ROAD	+/- 10° - +/- 45° Over Front		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	3.65	-	-	-	-	-
	5.0	-	-	-	-	-	-	3.62	3.14	2.75	-	-	-
	4.0	-	-	-	-	-	4.10	3.53	3.08	2.71	2.41	-	-
	3.0	-	-	-	-	-	3.96	3.43	3.00	2.66	2.37	-	-
	2.0	-	-	-	-	-	3.83	3.33	2.93	2.60	2.33	-	-
	1.0	-	-	-	-	4.37	3.74	3.25	2.87	2.56	2.31	-	-
	0.0	-	-	-	5.21	4.34	3.70	3.22	2.84	2.54	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1bL	ROAD	+/- 10° - +/- 45° Over Front		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.42	5.76	-	-
	5.0	-	-	-	-	-	-	-	-	6.40	5.77	5.23	-
	4.0	-	-	-	-	-	-	-	-	6.34	5.73	5.21	4.76
	3.0	-	-	-	-	-	-	7.88	6.99	6.27	5.67	5.16	4.73
	2.0	-	-	-	-	-	8.82	7.74	6.88	6.18	5.60	5.12	4.70
	1.0	-	-	-	-	-	8.66	7.62	6.78	6.11	5.55	5.07	4.67
	0.0	-	-	-	-	9.89	8.56	7.53	6.72	6.06	5.51	5.05	4.67
	-1.0	-	-	12.56a	11.66	9.85	8.52	7.50	6.69	6.03	5.50	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1bL	ROAD	+/- 10° - +/- 45° Over Front		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.92	-	-	-	-	-
	5.0	-	-	-	-	-	-	7.88	6.97	6.21	-	-	-
	4.0	-	-	-	-	-	8.92	7.80	6.91	6.18	5.58	-	-
	3.0	-	-	-	-	-	8.78	7.69	6.83	6.13	5.54	-	-
	2.0	-	-	-	-	-	8.65	7.59	6.75	6.07	5.50	-	-
	1.0	-	-	-	-	9.92	8.57	7.52	6.70	6.03	5.48	-	-
	0.0	-	-	-	11.73	9.88	8.53	7.49	6.67	6.01	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1bL	ROAD	+/- 10° - +/- 45° Over Front		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.43	4.86	-	-
	5.0	-	-	-	-	-	-	-	-	5.41	4.86	4.39	-
	4.0	-	-	-	-	-	-	-	-	5.36	4.82	4.37	3.99
	3.0	-	-	-	-	-	-	6.66	5.90	5.28	4.76	4.33	3.96
	2.0	-	-	-	-	-	7.44	6.52	5.79	5.19	4.70	4.28	3.93
	1.0	-	-	-	-	-	7.28	6.40	5.69	5.12	4.64	4.24	3.90
	0.0	-	-	-	-	8.30	7.18	6.31	5.63	5.07	4.60	4.22	3.90
	-1.0	-	-	11.99	9.79	8.26	7.14	6.28	5.60	5.05	4.59	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1bL	ROAD	+/- 10° - +/- 45° Over Front		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.70	-	-	-	-	-
	5.0	-	-	-	-	-	-	6.66	5.87	5.23	-	-	-
	4.0	-	-	-	-	-	7.54	6.58	5.81	5.19	4.67	-	-
	3.0	-	-	-	-	-	7.40	6.47	5.74	5.14	4.64	-	-
	2.0	-	-	-	-	-	7.27	6.37	5.66	5.08	4.60	-	-
	1.0	-	-	-	-	8.33	7.19	6.30	5.61	5.04	4.57	-	-
	0.0	-	-	-	9.86	8.30	7.15	6.27	5.58	5.02	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

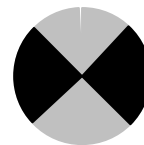
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

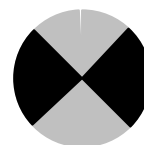
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1cU	ROAD	+/- 45° - +/- 135°		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.57	3.17	-	-
	5.0	-	-	-	-	-	-	-	-	3.55	3.17	2.85	-
	4.0	-	-	-	-	-	-	-	-	3.50	3.14	2.83	2.56
	3.0	-	-	-	-	-	-	4.33	3.83	3.42	3.08	2.79	2.54
	2.0	-	-	-	-	-	4.78	4.20	3.73	3.34	3.02	2.74	2.51
	1.0	-	-	-	-	-	4.63	4.08	3.63	3.27	2.96	2.70	2.48
	0.0	-	-	-	-	5.22	4.53	4.00	3.57	3.22	2.92	2.68	2.48
	-1.0	-	-	7.37	6.09	5.17	4.49	3.96	3.54	3.20	2.91	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1cU	ROAD	+/- 45° - +/- 135°		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	4.37	-	-	-	-	-
	5.0	-	-	-	-	-	-	4.33	3.81	3.37	-	-	-
	4.0	-	-	-	-	-	4.88	4.25	3.75	3.34	2.99	-	-
	3.0	-	-	-	-	-	4.74	4.15	3.68	3.29	2.96	-	-
	2.0	-	-	-	-	-	4.62	4.06	3.60	3.23	2.92	-	-
	1.0	-	-	-	-	5.24	4.54	3.99	3.55	3.19	2.90	-	-
	0.0	-	-	-	6.15	5.21	4.50	3.96	3.53	3.18	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

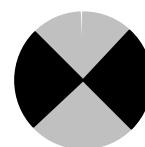
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1cU	ROAD	+/- 45° - +/- 135°		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	2.71	2.38	-	-
	5.0	-	-	-	-	-	-	-	-	2.69	2.39	2.12	-
	4.0	-	-	-	-	-	-	-	-	2.64	2.35	2.10	1.89
	3.0	-	-	-	-	-	-	3.28	2.89	2.56	2.29	2.06	1.87
	2.0	-	-	-	-	-	3.60	3.15	2.78	2.48	2.23	2.02	1.84
	1.0	-	-	-	-	-	3.45	3.03	2.69	2.41	2.18	1.98	1.81
	0.0	-	-	-	-	3.87	3.35	2.95	2.63	2.36	2.14	1.95	1.80
	-1.0	-	-	5.48	4.51	3.82	3.31	2.91	2.60	2.34	2.13	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1cU	ROAD	+/- 45° - +/- 135°		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	3.32	-	-	-	-	-
	5.0	-	-	-	-	-	-	3.28	2.86	2.51	-	-	-
	4.0	-	-	-	-	-	3.70	3.20	2.81	2.48	2.21	-	-
	3.0	-	-	-	-	-	3.56	3.10	2.73	2.43	2.17	-	-
	2.0	-	-	-	-	-	3.44	3.01	2.66	2.37	2.14	-	-
	1.0	-	-	-	-	3.89	3.36	2.94	2.61	2.33	2.11	-	-
	0.0	-	-	-	4.58	3.86	3.32	2.91	2.58	2.32	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

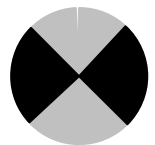
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

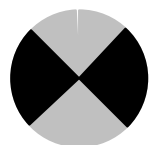
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1cL	ROAD	+/- 45° - +/- 135°		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.94	5.35	-	-
	5.0	-	-	-	-	-	-	-	-	5.93	5.35	4.86	-
	4.0	-	-	-	-	-	-	-	-	5.87	5.31	4.84	4.43
	3.0	-	-	-	-	-	-	7.24	6.44	5.80	5.26	4.80	4.41
	2.0	-	-	-	-	-	8.04	7.10	6.34	5.72	5.20	4.75	4.38
	1.0	-	-	-	-	-	7.89	6.98	6.25	5.64	5.14	4.71	4.35
	0.0	-	-	-	-	8.95	7.80	6.90	6.18	5.59	5.10	4.69	4.35
	-1.0	-	-	12.56a	10.44	8.91	7.76	6.87	6.15	5.57	5.09	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1cL	ROAD	+/- 45° - +/- 135°		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.27	-	-	-	-	-
	5.0	-	-	-	-	-	-	7.24	6.42	5.75	-	-	-
	4.0	-	-	-	-	-	8.15	7.16	6.36	5.72	5.17	-	-
	3.0	-	-	-	-	-	8.01	7.06	6.29	5.66	5.14	-	-
	2.0	-	-	-	-	-	7.89	6.96	6.22	5.61	5.10	-	-
	1.0	-	-	-	-	8.97	7.80	6.89	6.16	5.57	5.07	-	-
	0.0	-	-	-	10.51	8.94	7.77	6.86	6.14	5.55	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

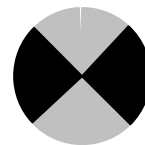
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1cL	ROAD	+/- 45° - +/- 135°		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.01	4.49	-	-
	5.0	-	-	-	-	-	-	-	-	4.99	4.49	4.07	-
	4.0	-	-	-	-	-	-	-	-	4.93	4.45	4.05	3.69
	3.0	-	-	-	-	-	-	6.09	5.41	4.86	4.40	4.01	3.67
	2.0	-	-	-	-	-	6.75	5.95	5.31	4.78	4.33	3.96	3.64
	1.0	-	-	-	-	-	6.60	5.83	5.21	4.70	4.28	3.92	3.61
	0.0	-	-	-	-	7.47	6.51	5.75	5.15	4.65	4.24	3.89	3.61
	-1.0	-	-	10.53	8.72	7.43	6.47	5.72	5.12	4.63	4.23	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1cL	ROAD	+/- 45° - +/- 135°		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.12	-	-	-	-	-
	5.0	-	-	-	-	-	-	6.09	5.39	4.81	-	-	-
	4.0	-	-	-	-	-	6.85	6.01	5.33	4.78	4.31	-	-
	3.0	-	-	-	-	-	6.72	5.91	5.26	4.72	4.28	-	-
	2.0	-	-	-	-	-	6.59	5.81	5.18	4.67	4.24	-	-
	1.0	-	-	-	-	7.50	6.51	5.74	5.13	4.63	4.21	-	-
	0.0	-	-	-	8.79	7.46	6.48	5.71	5.11	4.61	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1dU	ROAD	+/- 135° - +/- 160° Over Rear		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.42	4.85	-	-
	5.0	-	-	-	-	-	-	-	-	5.40	4.85	4.39	-
	4.0	-	-	-	-	-	-	-	-	5.35	4.82	4.37	3.98
	3.0	-	-	-	-	-	-	6.65	5.89	5.27	4.76	4.33	3.96
	2.0	-	-	-	-	-	7.43	6.51	5.78	5.19	4.69	4.28	3.92
	1.0	-	-	-	-	-	7.27	6.39	5.68	5.11	4.64	4.24	3.90
	0.0	-	-	-	-	8.29	7.17	6.30	5.62	5.06	4.60	4.21	3.89
	-1.0	-	-	11.97	9.77	8.25	7.13	6.27	5.59	5.04	4.59	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1dU	ROAD	+/- 135° - +/- 160° Over Rear		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.69	-	-	-	-	-
	5.0	-	-	-	-	-	-	6.65	5.86	5.22	-	-	-
	4.0	-	-	-	-	-	7.53	6.57	5.81	5.19	4.67	-	-
	3.0	-	-	-	-	-	7.39	6.46	5.73	5.13	4.63	-	-
	2.0	-	-	-	-	-	7.26	6.37	5.65	5.07	4.59	-	-
	1.0	-	-	-	-	8.32	7.17	6.29	5.60	5.03	4.57	-	-
	0.0	-	-	-	9.85	8.28	7.14	6.26	5.57	5.02	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1dU	ROAD	+/- 135° - +/- 160° Over Rear		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	4.92	4.39	-	-
	5.0	-	-	-	-	-	-	-	-	4.90	4.40	3.97	-
	4.0	-	-	-	-	-	-	-	-	4.85	4.36	3.95	3.59
	3.0	-	-	-	-	-	-	6.03	5.34	4.77	4.30	3.90	3.57
	2.0	-	-	-	-	-	6.73	5.89	5.23	4.68	4.23	3.86	3.53
	1.0	-	-	-	-	-	6.57	5.77	5.13	4.61	4.18	3.81	3.51
	0.0	-	-	-	-	7.49	6.47	5.69	5.06	4.56	4.14	3.79	3.50
	-1.0	-	-	10.82	8.83	7.44	6.43	5.65	5.03	4.54	4.13	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1dU	ROAD	+/- 135° - +/- 160° Over Rear		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.07	-	-	-	-	-
	5.0	-	-	-	-	-	-	6.04	5.31	4.72	-	-	-
	4.0	-	-	-	-	-	6.83	5.95	5.25	4.68	4.21	-	-
	3.0	-	-	-	-	-	6.69	5.85	5.17	4.63	4.18	-	-
	2.0	-	-	-	-	-	6.56	5.75	5.10	4.57	4.14	-	-
	1.0	-	-	-	-	7.51	6.48	5.68	5.04	4.53	4.11	-	-
	0.0	-	-	-	8.90	7.48	6.44	5.64	5.02	4.51	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1dL	ROAD	+/- 135° - +/- 160° Over Rear		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.42	4.85	-	-
	5.0	-	-	-	-	-	-	-	-	5.40	4.85	4.39	-
	4.0	-	-	-	-	-	-	-	-	5.35	4.82	4.37	3.98
	3.0	-	-	-	-	-	-	6.65	5.89	5.27	4.76	4.33	3.96
	2.0	-	-	-	-	-	7.43	6.51	5.78	5.19	4.69	4.28	3.92
	1.0	-	-	-	-	-	7.27	6.39	5.68	5.11	4.64	4.24	3.90
	0.0	-	-	-	-	8.29	7.17	6.30	5.62	5.06	4.60	4.21	3.89
	-1.0	-	-	11.97	9.77	8.25	7.13	6.27	5.59	5.04	4.59	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1dL	ROAD	+/- 135° - +/- 160° Over Rear		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.69	-	-	-	-	-
	5.0	-	-	-	-	-	-	6.65	5.86	5.22	-	-	-
	4.0	-	-	-	-	-	7.53	6.57	5.81	5.19	4.67	-	-
	3.0	-	-	-	-	-	7.39	6.46	5.73	5.13	4.63	-	-
	2.0	-	-	-	-	-	7.26	6.37	5.65	5.07	4.59	-	-
	1.0	-	-	-	-	8.32	7.17	6.29	5.60	5.03	4.57	-	-
	0.0	-	-	-	9.85	8.28	7.14	6.26	5.57	5.02	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1dL	ROAD	+/- 135° - +/- 160° Over Rear		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	4.92	4.39	-	-
	5.0	-	-	-	-	-	-	-	-	4.90	4.40	3.97	-
	4.0	-	-	-	-	-	-	-	-	4.85	4.36	3.95	3.59
	3.0	-	-	-	-	-	-	6.03	5.34	4.77	4.30	3.90	3.57
	2.0	-	-	-	-	-	6.73	5.89	5.23	4.68	4.23	3.86	3.53
	1.0	-	-	-	-	-	6.57	5.77	5.13	4.61	4.18	3.81	3.51
	0.0	-	-	-	-	7.49	6.47	5.69	5.06	4.56	4.14	3.79	3.50
	-1.0	-	-	10.82	8.83	7.44	6.43	5.65	5.03	4.54	4.13	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1dL	ROAD	+/- 135° - +/- 160° Over Rear		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.07	-	-	-	-	-
	5.0	-	-	-	-	-	-	6.04	5.31	4.72	-	-	-
	4.0	-	-	-	-	-	6.83	5.95	5.25	4.68	4.21	-	-
	3.0	-	-	-	-	-	6.69	5.85	5.17	4.63	4.18	-	-
	2.0	-	-	-	-	-	6.56	5.75	5.10	4.57	4.14	-	-
	1.0	-	-	-	-	7.51	6.48	5.68	5.04	4.53	4.11	-	-
	0.0	-	-	-	8.90	7.48	6.44	5.64	5.02	4.51	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1eU	ROAD	+/- 20° Over Rear		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	7.44	6.70	-	-
	5.0	-	-	-	-	-	-	-	-	7.42	6.70	6.09	-
	4.0	-	-	-	-	-	-	-	-	7.37	6.66	6.07	5.55
	3.0	-	-	-	-	-	-	9.14	8.12	7.29	6.60	6.03	5.53
	2.0	-	-	-	-	-	10.25	9.00	8.01	7.21	6.54	5.98	5.50
	1.0	-	-	-	-	-	10.09	8.88	7.92	7.13	6.48	5.94	5.47
	0.0	-	-	-	-	11.54	9.99	8.79	7.85	7.08	6.44	5.91	5.47
	-1.0	-	-	12.56a	13.60	11.49	9.94	8.76	7.82	7.06	6.43	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1eU	ROAD	+/- 20° Over Rear		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	9.18	-	-	-	-	-
	5.0	-	-	-	-	-	-	9.14	8.10	7.24	-	-	-
	4.0	-	-	-	-	-	10.35	9.06	8.04	7.21	6.51	-	-
	3.0	-	-	-	-	-	10.21	8.95	7.96	7.15	6.48	-	-
	2.0	-	-	-	-	-	10.08	8.86	7.88	7.09	6.44	-	-
	1.0	-	-	-	-	11.56	9.99	8.79	7.83	7.05	6.41	-	-
	0.0	-	-	-	13.67	11.53	9.96	8.75	7.80	7.04	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	17 of 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1eU	ROAD	+/- 20° Over Rear		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.13	5.50	-	-
	5.0	-	-	-	-	-	-	-	-	6.12	5.50	4.99	-
	4.0	-	-	-	-	-	-	-	-	6.06	5.47	4.97	4.53
	3.0	-	-	-	-	-	-	7.53	6.67	5.98	5.41	4.92	4.51
	2.0	-	-	-	-	-	8.42	7.39	6.57	5.90	5.34	4.88	4.48
	1.0	-	-	-	-	-	8.26	7.26	6.47	5.82	5.29	4.83	4.45
	0.0	-	-	-	-	9.43	8.16	7.18	6.40	5.77	5.25	4.81	4.45
	-1.0	-	-	12.56a	11.12	9.39	8.12	7.14	6.37	5.75	5.24	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1eU	ROAD	+/- 20° Over Rear		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.57	-	-	-	-	-
	5.0	-	-	-	-	-	-	7.53	6.65	5.93	-	-	-
	4.0	-	-	-	-	-	8.53	7.45	6.59	5.90	5.32	-	-
	3.0	-	-	-	-	-	8.38	7.34	6.51	5.84	5.28	-	-
	2.0	-	-	-	-	-	8.25	7.24	6.44	5.78	5.24	-	-
	1.0	-	-	-	-	9.46	8.17	7.17	6.38	5.74	5.22	-	-
	0.0	-	-	-	11.19	9.43	8.13	7.14	6.36	5.73	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	18 of 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1eL	ROAD	+/- 20° Over Rear		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	7.44	6.70	-	-
	5.0	-	-	-	-	-	-	-	-	7.42	6.70	6.09	-
	4.0	-	-	-	-	-	-	-	-	7.37	6.66	6.07	5.55
	3.0	-	-	-	-	-	-	9.14	8.12	7.29	6.60	6.03	5.53
	2.0	-	-	-	-	-	10.25	9.00	8.01	7.21	6.54	5.98	5.50
	1.0	-	-	-	-	-	10.09	8.88	7.92	7.13	6.48	5.94	5.47
	0.0	-	-	-	-	11.54	9.99	8.79	7.85	7.08	6.44	5.91	5.47
	-1.0	-	-	12.56a	13.60	11.49	9.94	8.76	7.82	7.06	6.43	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1eL	ROAD	+/- 20° Over Rear		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	9.18	-	-	-	-	-
	5.0	-	-	-	-	-	-	9.14	8.10	7.24	-	-	-
	4.0	-	-	-	-	-	10.35	9.06	8.04	7.21	6.51	-	-
	3.0	-	-	-	-	-	10.21	8.95	7.96	7.15	6.48	-	-
	2.0	-	-	-	-	-	10.08	8.86	7.88	7.09	6.44	-	-
	1.0	-	-	-	-	11.56	9.99	8.79	7.83	7.05	6.41	-	-
	0.0	-	-	-	13.67	11.53	9.96	8.75	7.80	7.04	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	19 of 60

RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1eL	ROAD	+/- 20° Over Rear		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.13	5.50	-	-
	5.0	-	-	-	-	-	-	-	-	6.12	5.50	4.99	-
	4.0	-	-	-	-	-	-	-	-	6.06	5.47	4.97	4.53
	3.0	-	-	-	-	-	-	7.53	6.67	5.98	5.41	4.92	4.51
	2.0	-	-	-	-	-	8.42	7.39	6.57	5.90	5.34	4.88	4.48
	1.0	-	-	-	-	-	8.26	7.26	6.47	5.82	5.29	4.83	4.45
	0.0	-	-	-	-	9.43	8.16	7.18	6.40	5.77	5.25	4.81	4.45
	-1.0	-	-	12.56a	11.12	9.39	8.12	7.14	6.37	5.75	5.24	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
1eL	ROAD	+/- 20° Over Rear		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.57	-	-	-	-	-
	5.0	-	-	-	-	-	-	7.53	6.65	5.93	-	-	-
	4.0	-	-	-	-	-	8.53	7.45	6.59	5.90	5.32	-	-
	3.0	-	-	-	-	-	8.38	7.34	6.51	5.84	5.28	-	-
	2.0	-	-	-	-	-	8.25	7.24	6.44	5.78	5.24	-	-
	1.0	-	-	-	-	9.46	8.17	7.17	6.38	5.74	5.22	-	-
	0.0	-	-	-	11.19	9.43	8.13	7.14	6.36	5.73	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	20 of 60

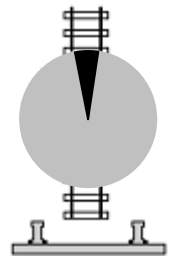
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

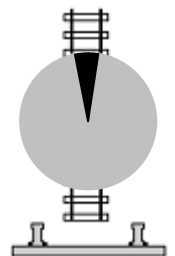
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2aU	RAIL	+/- 10° Over Front		67%	EXTENDED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	5.25	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.30	4.76	-	-
	5.0	-	-	-	-	-	-	-	-	5.27	4.75	4.31	-
	4.0	-	-	-	-	-	-	-	5.82	5.22	4.72	4.29	3.92
	3.0	-	-	-	-	-	7.35	6.45	5.73	5.15	4.66	4.25	3.90
	2.0	-	-	-	-	-	7.19	6.33	5.64	5.07	4.61	4.21	3.87
	1.0	-	-	-	-	-	7.06	6.22	5.56	5.01	4.56	4.18	3.85
	0.0	-	-	-	9.46	8.04	6.98	6.16	5.50	4.97	4.53	4.16	3.85
	-1.0	-	-	11.47	9.44	8.01	6.95	6.13	5.48	4.96	4.52	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2aU	RAIL	+/- 10° Over Front		67%	RETRACTED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.50	5.73	-	-	-	-
	5.0	-	-	-	-	-	-	6.46	5.72	5.11	-	-	-
	4.0	-	-	-	-	-	7.28	6.38	5.66	5.08	4.59	-	-
	3.0	-	-	-	-	-	7.16	6.29	5.60	5.03	4.56	-	-
	2.0	-	-	-	-	-	7.05	6.21	5.53	4.98	4.52	-	-
	1.0	-	-	-	-	8.06	6.98	6.15	5.49	4.95	4.50	-	-
	0.0	-	-	-	9.50	8.04	6.96	6.13	5.47	4.94	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	21 of 60

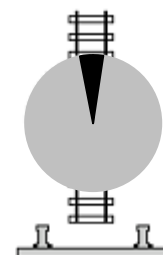
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

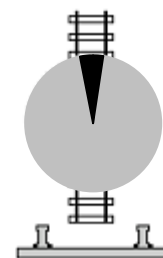
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2aU	RAIL	+/- 10° Over Front		67%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	4.82	-	-	-
	6.0	-	-	-	-	-	-	-	-	4.86	4.36	-	-
	5.0	-	-	-	-	-	-	-	-	4.84	4.36	3.95	-
	4.0	-	-	-	-	-	-	-	5.34	4.78	4.32	3.92	3.58
	3.0	-	-	-	-	-	6.75	5.92	5.25	4.71	4.26	3.89	3.56
	2.0	-	-	-	-	-	6.58	5.79	5.16	4.64	4.21	3.84	3.53
	1.0	-	-	-	-	-	6.45	5.69	5.08	4.58	4.16	3.81	3.51
	0.0	-	-	-	8.65	7.35	6.38	5.63	5.03	4.54	4.13	3.79	3.51
	-1.0	-	-	10.49	8.63	7.32	6.35	5.60	5.01	4.52	4.13	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2aU	RAIL	+/- 10° Over Front		67%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	5.97	5.25	-	-	-	-
	5.0	-	-	-	-	-	-	5.93	5.24	4.68	-	-	-
	4.0	-	-	-	-	-	6.68	5.85	5.19	4.64	4.19	-	-
	3.0	-	-	-	-	-	6.56	5.76	5.12	4.59	4.16	-	-
	2.0	-	-	-	-	-	6.45	5.67	5.05	4.55	4.13	-	-
	1.0	-	-	-	-	7.37	6.38	5.62	5.01	4.51	4.11	-	-
	0.0	-	-	-	8.69	7.35	6.36	5.59	4.99	4.50	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	22 of 60

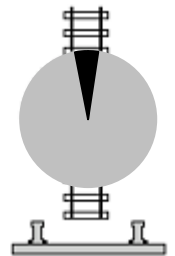
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

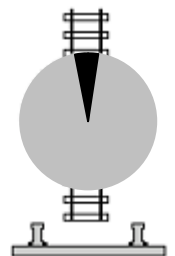
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2aL	RAIL	+/- 10° Over Front		90%	EXTENDED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.40b	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.25b	8.17b	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.48b	8.23b	7.67
	3.0	-	-	-	-	-	9.75a	10.05a	9.99b	9.39b	8.89b	8.36	7.64
	2.0	-	-	-	-	-	13.00	11.91b	10.85b	10.01b	9.14	8.30	7.60
	1.0	-	-	-	-	-	13.00	12.81b	11.28	10.06	9.07	8.25	7.56
	0.0	-	-	-	13.00	13.00	13.00	12.72	11.20	10.00	9.02	8.22	7.22b
	-1.0	-	-	13.00	13.00	13.00	13.00	12.64b	11.17	9.96b	8.75b	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2aL	RAIL	+/- 10° Over Front		90%	RETRACTED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	10.33b	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.99b	9.74b	-	-	-
	4.0	-	-	-	-	-	11.99b	11.07b	10.37b	9.82b	9.12	-	-
	3.0	-	-	-	-	-	13.00	12.00b	10.98b	10.09	9.07	-	-
	2.0	-	-	-	-	-	13.00	12.80	11.25	10.02	9.02	-	-
	1.0	-	-	-	-	13.00	13.00	12.71	11.18	9.97	8.99	-	-
	0.0	-	-	-	13.00	13.00	13.00	12.63b	11.15b	9.76b	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	23 of 60

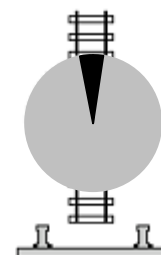
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

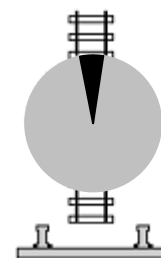
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2aL	RAIL	+/- 10° Over Front		90%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	7.67	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	7.66	6.90	-
	4.0	-	-	-	-	-	-	-	8.76a	8.49	7.60	6.86	6.24
	3.0	-	-	-	-	-	9.75a	10.05a	9.45	8.39	7.52	6.81	6.20
	2.0	-	-	-	-	-	12.29	10.61	9.31	8.28	7.44	6.74	6.16
	1.0	-	-	-	-	-	12.09	10.45	9.19	8.18	7.37	6.69	6.13
	0.0	-	-	-	13.00	13.00	11.96	10.35	9.10	8.12	7.32	6.67	6.13
	-1.0	-	-	13.00	13.00	13.00	11.92	10.31	9.07	8.10	7.32	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2aL	RAIL	+/- 10° Over Front		90%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	9.46	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.44	8.34	-	-	-
	4.0	-	-	-	-	-	11.99b	10.70	9.35	8.28	7.41	-	-
	3.0	-	-	-	-	-	12.25	10.55	9.24	8.21	7.37	-	-
	2.0	-	-	-	-	-	12.08	10.42	9.15	8.13	7.32	-	-
	1.0	-	-	-	-	13.00	11.97	10.34	9.08	8.09	7.29	-	-
	0.0	-	-	-	13.00	13.00	11.93	10.30	9.05	8.07	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	24 of 60

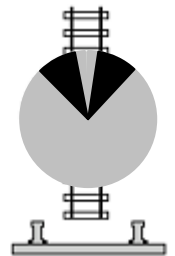
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

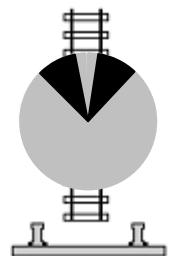
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2bU	RAIL	+/- 10° - +/- 45° Over Front		67%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	2.22	-	-	-
	6.0	-	-	-	-	-	-	-	-	2.26	1.97	-	-
	5.0	-	-	-	-	-	-	-	-	2.24	1.96	1.72	-
	4.0	-	-	-	-	-	-	-	2.50	2.18	1.92	1.70	1.51
	3.0	-	-	-	-	-	3.25	2.77	2.40	2.10	1.86	1.66	1.48
	2.0	-	-	-	-	-	3.07	2.64	2.30	2.02	1.80	1.61	1.45
	1.0	-	-	-	-	-	2.93	2.53	2.21	1.96	1.75	1.57	1.43
	0.0	-	-	-	4.06	3.35	2.84	2.45	2.15	1.91	1.72	1.55	1.43
	-1.0	-	-	5.12	4.04	3.32	2.81	2.43	2.13	1.90	1.71	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2bU	RAIL	+/- 10° - +/- 45° Over Front		67%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	2.83	2.40	-	-	-	-
	5.0	-	-	-	-	-	-	2.79	2.39	2.07	-	-	-
	4.0	-	-	-	-	-	3.18	2.70	2.33	2.03	1.78	-	-
	3.0	-	-	-	-	-	3.04	2.60	2.25	1.98	1.75	-	-
	2.0	-	-	-	-	-	2.92	2.51	2.18	1.92	1.71	-	-
	1.0	-	-	-	-	3.38	2.85	2.45	2.14	1.89	1.69	-	-
	0.0	-	-	-	4.11	3.35	2.82	2.42	2.12	1.88	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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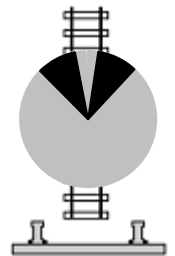
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

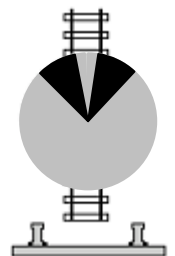
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2bL	RAIL	+/- 10° - +/- 45° Over Front		90%	EXTENDED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	5.89	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.95	5.29	-	-
	5.0	-	-	-	-	-	-	-	-	5.92	5.28	4.74	-
	4.0	-	-	-	-	-	-	-	6.59	5.84	5.22	4.71	4.27
	3.0	-	-	-	-	-	8.53	7.36	6.46	5.74	5.14	4.65	4.23
	2.0	-	-	-	-	-	8.28	7.18	6.32	5.63	5.06	4.59	4.19
	1.0	-	-	-	-	-	8.09	7.03	6.21	5.54	4.99	4.54	4.16
	0.0	-	-	-	11.28	9.35	7.97	6.94	6.13	5.48	4.95	4.51	4.16
	-1.0	-	-	13.00	11.24	9.31	7.93	6.90	6.10	5.46	4.95	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2bL	RAIL	+/- 10° - +/- 45° Over Front		90%	RETRACTED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.44	6.46	-	-	-	-
	5.0	-	-	-	-	-	-	7.38	6.44	5.69	-	-	-
	4.0	-	-	-	-	-	8.43	7.27	6.36	5.64	5.04	-	-
	3.0	-	-	-	-	-	8.24	7.13	6.26	5.56	4.99	-	-
	2.0	-	-	-	-	-	8.08	7.01	6.17	5.49	4.95	-	-
	1.0	-	-	-	-	9.39	7.98	6.93	6.10	5.45	4.92	-	-
	0.0	-	-	-	11.34	9.35	7.94	6.89	6.08	5.43	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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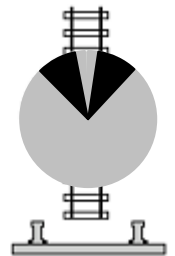
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

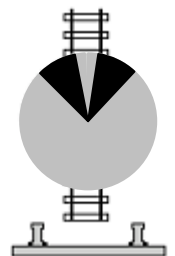
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2bL	RAIL	+/- 10° - +/- 45° Over Front		90%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	4.92	-	-	-
	6.0	-	-	-	-	-	-	-	-	4.98	4.40	-	-
	5.0	-	-	-	-	-	-	-	-	4.95	4.39	3.93	-
	4.0	-	-	-	-	-	-	-	5.52	4.87	4.34	3.90	3.52
	3.0	-	-	-	-	-	7.14	6.15	5.38	4.77	4.26	3.84	3.49
	2.0	-	-	-	-	-	6.90	5.97	5.24	4.66	4.18	3.78	3.45
	1.0	-	-	-	-	-	6.70	5.82	5.13	4.57	4.11	3.73	3.41
	0.0	-	-	-	9.34	7.73	6.59	5.72	5.05	4.51	4.07	3.71	3.42
	-1.0	-	-	11.73	9.30	7.69	6.54	5.69	5.02	4.49	4.06	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2bL	RAIL	+/- 10° - +/- 45° Over Front		90%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.23	5.38	-	-	-	-
	5.0	-	-	-	-	-	-	6.17	5.37	4.72	-	-	-
	4.0	-	-	-	-	-	7.04	6.05	5.28	4.67	4.16	-	-
	3.0	-	-	-	-	-	6.86	5.92	5.18	4.59	4.11	-	-
	2.0	-	-	-	-	-	6.70	5.79	5.09	4.52	4.06	-	-
	1.0	-	-	-	-	7.77	6.60	5.71	5.02	4.48	4.03	-	-
	0.0	-	-	-	9.40	7.74	6.56	5.68	5.00	4.46	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	27 of 60

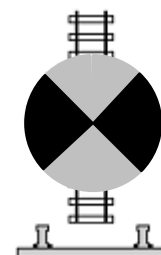
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

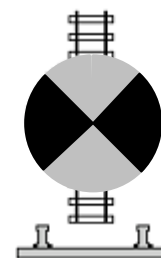
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2cU	RAIL	+/- 45° - +/- 135°		67%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	1.92	-	-	-
	6.0	-	-	-	-	-	-	-	-	1.97	1.71	-	-
	5.0	-	-	-	-	-	-	-	-	1.94	1.70	1.50	-
	4.0	-	-	-	-	-	-	-	2.16	1.89	1.66	1.47	1.31
	3.0	-	-	-	-	-	2.76	2.37	2.07	1.82	1.61	1.44	1.29
	2.0	-	-	-	-	-	2.59	2.25	1.97	1.74	1.55	1.39	1.26
	1.0	-	-	-	-	-	2.46	2.14	1.89	1.68	1.50	1.36	1.24
	0.0	-	-	-	3.31	2.77	2.38	2.08	1.83	1.64	1.47	1.34	1.24
	-1.0	-	-	4.07	3.29	2.75	2.35	2.05	1.81	1.62	1.47	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2cU	RAIL	+/- 45° - +/- 135°		67%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	2.43	2.07	-	-	-	-
	5.0	-	-	-	-	-	-	2.39	2.05	1.78	-	-	-
	4.0	-	-	-	-	-	2.69	2.31	2.00	1.75	1.54	-	-
	3.0	-	-	-	-	-	2.57	2.21	1.93	1.69	1.50	-	-
	2.0	-	-	-	-	-	2.46	2.13	1.86	1.65	1.47	-	-
	1.0	-	-	-	-	2.80	2.39	2.07	1.82	1.61	1.45	-	-
	0.0	-	-	-	3.35	2.78	2.36	2.05	1.80	1.60	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	28 of 60

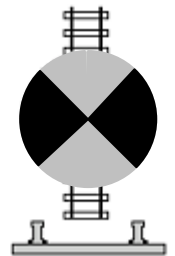
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

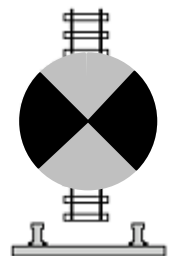
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2cL	RAIL	+/- 45° - +/- 135°		75%	EXTENDED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	4.61	-	-	-
	6.0	-	-	-	-	-	-	-	-	4.66	4.16	-	-
	5.0	-	-	-	-	-	-	-	-	4.64	4.15	3.75	-
	4.0	-	-	-	-	-	-	-	5.13	4.57	4.11	3.72	3.38
	3.0	-	-	-	-	-	6.52	5.69	5.03	4.49	4.05	3.68	3.36
	2.0	-	-	-	-	-	6.34	5.55	4.92	4.41	3.99	3.63	3.33
	1.0	-	-	-	-	-	6.19	5.43	4.83	4.34	3.93	3.59	3.30
	0.0	-	-	-	8.36	7.06	6.10	5.36	4.77	4.29	3.90	3.57	3.30
	-1.0	-	-	10.22	8.33	7.03	6.06	5.33	4.75	4.28	3.89	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2cL	RAIL	+/- 45° - +/- 135°		75%	RETRACTED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	5.75	5.03	-	-	-	-
	5.0	-	-	-	-	-	-	5.70	5.02	4.46	-	-	-
	4.0	-	-	-	-	-	6.45	5.61	4.95	4.42	3.97	-	-
	3.0	-	-	-	-	-	6.31	5.51	4.87	4.36	3.93	-	-
	2.0	-	-	-	-	-	6.18	5.41	4.80	4.30	3.89	-	-
	1.0	-	-	-	-	7.09	6.10	5.35	4.75	4.27	3.87	-	-
	0.0	-	-	-	8.41	7.06	6.07	5.32	4.73	4.26	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	29 of 60

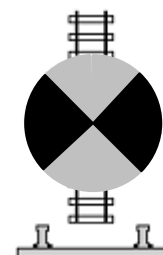
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

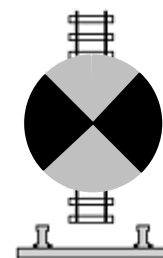
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2cL	RAIL	+/- 45° - +/- 135°		75%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	3.82	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.87	3.44	-	-
	5.0	-	-	-	-	-	-	-	-	3.84	3.43	3.08	-
	4.0	-	-	-	-	-	-	-	4.26	3.78	3.39	3.05	2.77
	3.0	-	-	-	-	-	5.42	4.71	4.15	3.70	3.33	3.01	2.74
	2.0	-	-	-	-	-	5.23	4.57	4.05	3.62	3.26	2.96	2.71
	1.0	-	-	-	-	-	5.08	4.45	3.95	3.55	3.21	2.92	2.68
	0.0	-	-	-	6.86	5.78	4.99	4.38	3.89	3.50	3.17	2.90	2.69
	-1.0	-	-	8.40	6.83	5.75	4.96	4.35	3.87	3.48	3.17	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2cL	RAIL	+/- 45° - +/- 135°		75%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	4.77	4.16	-	-	-	-
	5.0	-	-	-	-	-	-	4.73	4.14	3.66	-	-	-
	4.0	-	-	-	-	-	5.34	4.64	4.08	3.62	3.24	-	-
	3.0	-	-	-	-	-	5.20	4.53	4.00	3.57	3.21	-	-
	2.0	-	-	-	-	-	5.08	4.44	3.93	3.51	3.17	-	-
	1.0	-	-	-	-	5.81	5.00	4.37	3.87	3.47	3.15	-	-
	0.0	-	-	-	6.91	5.79	4.97	4.35	3.86	3.46	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	30 of 60

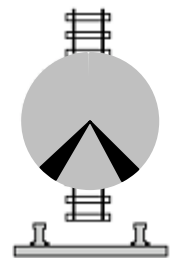
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

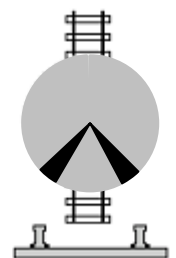
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2dU	RAIL	+/- 135° - +/- 150° Over Rear		67%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	3.01	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.06	2.71	-	-
	5.0	-	-	-	-	-	-	-	-	3.03	2.70	2.42	-
	4.0	-	-	-	-	-	-	-	3.36	2.98	2.66	2.39	2.16
	3.0	-	-	-	-	-	4.28	3.72	3.27	2.91	2.61	2.35	2.14
	2.0	-	-	-	-	-	4.11	3.59	3.17	2.83	2.55	2.31	2.11
	1.0	-	-	-	-	-	3.98	3.49	3.09	2.77	2.50	2.28	2.09
	0.0	-	-	-	5.37	4.53	3.90	3.42	3.04	2.73	2.47	2.26	2.09
	-1.0	-	-	6.58	5.35	4.50	3.87	3.39	3.02	2.71	2.47	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2dU	RAIL	+/- 135° - +/- 150° Over Rear		67%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	3.77	3.27	-	-	-	-
	5.0	-	-	-	-	-	-	3.73	3.26	2.87	-	-	-
	4.0	-	-	-	-	-	4.22	3.65	3.20	2.84	2.53	-	-
	3.0	-	-	-	-	-	4.09	3.55	3.13	2.79	2.50	-	-
	2.0	-	-	-	-	-	3.98	3.47	3.07	2.74	2.47	-	-
	1.0	-	-	-	-	4.55	3.91	3.41	3.02	2.70	2.44	-	-
	0.0	-	-	-	5.41	4.53	3.88	3.39	3.00	2.69	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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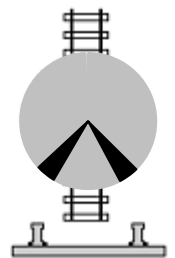
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

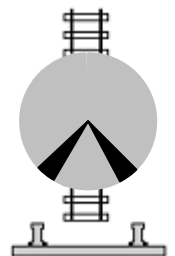
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2dL	RAIL	+/- 135° - +/- 150° Over Rear		75%	EXTENDED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	6.05	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.10	5.50	-	-
	5.0	-	-	-	-	-	-	-	-	6.07	5.49	4.99	-
	4.0	-	-	-	-	-	-	-	6.70	6.02	5.45	4.97	4.55
	3.0	-	-	-	-	-	8.41	7.40	6.60	5.94	5.39	4.92	4.53
	2.0	-	-	-	-	-	8.23	7.27	6.49	5.86	5.33	4.88	4.49
	1.0	-	-	-	-	-	8.09	7.15	6.40	5.79	5.27	4.84	4.47
	0.0	-	-	-	10.75	9.18	8.00	7.08	6.35	5.74	5.24	4.82	4.47
	-1.0	-	-	12.94	10.73	9.15	7.97	7.06	6.33	5.73	5.24	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2dL	RAIL	+/- 135° - +/- 150° Over Rear		75%	RETRACTED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.46	6.60	-	-	-	-
	5.0	-	-	-	-	-	-	7.42	6.58	5.90	-	-	-
	4.0	-	-	-	-	-	8.34	7.33	6.52	5.86	5.31	-	-
	3.0	-	-	-	-	-	8.20	7.23	6.45	5.81	5.27	-	-
	2.0	-	-	-	-	-	8.08	7.14	6.38	5.75	5.24	-	-
	1.0	-	-	-	-	9.21	8.01	7.08	6.33	5.72	5.21	-	-
	0.0	-	-	-	10.80	9.18	7.98	7.05	6.31	5.71	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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RATED LIFT CAPACITY CHART

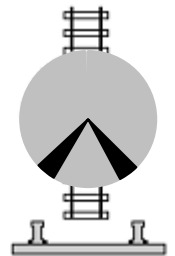
RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2dL	RAIL	+/- 135° - +/- 150° Over Rear		75%	EXTENDED
					Counterweight
	0 - 50mm				IN

RADIUS

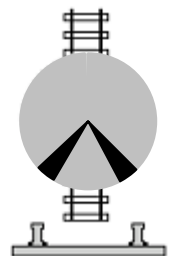
	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	5.38	-	-	-
	6.0	-	-	-	-	-	-	-	5.43	4.86	-	-
	5.0	-	-	-	-	-	-	-	5.40	4.85	4.39	-
	4.0	-	-	-	-	-	-	5.98	5.34	4.81	4.36	3.98
	3.0	-	-	-	-	7.59	6.63	5.87	5.26	4.75	4.32	3.96
	2.0	-	-	-	-	7.40	6.49	5.77	5.18	4.69	4.27	3.92
	1.0	-	-	-	-	7.25	6.37	5.67	5.10	4.63	4.23	3.90
	0.0	-	-	-	9.81	8.29	7.16	6.30	5.61	5.06	4.60	4.21
	-1.0	-	-	11.99	9.78	8.25	7.13	6.27	5.59	5.04	4.59	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2dL	RAIL	+/- 135° - +/- 150° Over Rear		75%	RETRACTED
					Counterweight
	0 - 50mm				IN

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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	6.69	5.88	-	-	-	-
	5.0	-	-	-	-	-	6.65	5.86	5.22	-	-	-
	4.0	-	-	-	-	7.52	6.56	5.80	5.18	4.67	-	-
	3.0	-	-	-	-	7.37	6.45	5.72	5.12	4.63	-	-
	2.0	-	-	-	-	7.25	6.36	5.65	5.07	4.59	-	-
	1.0	-	-	-	8.32	7.17	6.29	5.60	5.03	4.57	-	-
	0.0	-	-	9.86	8.29	7.14	6.27	5.58	5.02	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-
	-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	33 of 60

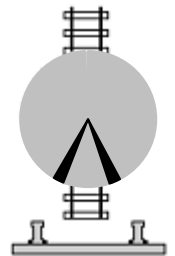
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

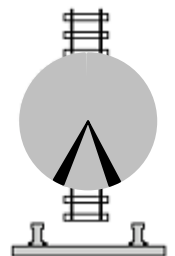
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2eU	RAIL	+/- 150° - +/- 160° Over Rear		67%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	5.01	-	-	-
	6.0	-	-	-	-	-	-	-	-	5.06	4.53	-	-
	5.0	-	-	-	-	-	-	-	-	5.03	4.52	4.10	-
	4.0	-	-	-	-	-	-	-	5.57	4.98	4.49	4.07	3.72
	3.0	-	-	-	-	-	7.07	6.18	5.48	4.90	4.43	4.03	3.69
	2.0	-	-	-	-	-	6.90	6.05	5.38	4.83	4.37	3.99	3.67
	1.0	-	-	-	-	-	6.77	5.95	5.30	4.77	4.33	3.96	3.64
	0.0	-	-	-	9.15	7.73	6.69	5.88	5.24	4.72	4.29	3.94	3.65
	-1.0	-	-	11.18	9.13	7.70	6.66	5.86	5.22	4.71	4.29	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2eU	RAIL	+/- 150° - +/- 160° Over Rear		67%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	6.23	5.48	-	-	-	-
	5.0	-	-	-	-	-	-	6.19	5.46	4.87	-	-	-
	4.0	-	-	-	-	-	7.00	6.11	5.41	4.83	4.36	-	-
	3.0	-	-	-	-	-	6.87	6.02	5.34	4.78	4.32	-	-
	2.0	-	-	-	-	-	6.76	5.93	5.27	4.73	4.29	-	-
	1.0	-	-	-	-	7.76	6.69	5.87	5.23	4.70	4.27	-	-
	0.0	-	-	-	9.20	7.74	6.67	5.85	5.21	4.69	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	34 of 60

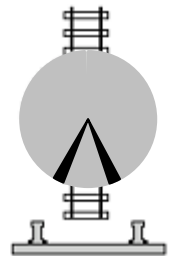
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

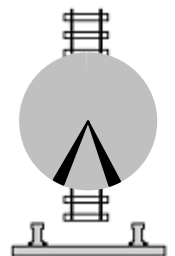
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2eL	RAIL	+/- 150° - +/- 160° Over Rear		90%	EXTENDED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	7.81	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	7.80	7.08	-
	4.0	-	-	-	-	-	-	-	8.76a	8.56	7.74	7.05	6.46
	3.0	-	-	-	-	-	9.75a	10.05a	9.43	8.47	7.67	7.00	6.43
	2.0	-	-	-	-	-	11.89	10.45	9.30	8.37	7.59	6.94	6.39
	1.0	-	-	-	-	-	11.71	10.31	9.19	8.28	7.53	6.90	6.36
	0.0	-	-	-	13.00	13.00	11.61	10.22	9.12	8.23	7.49	6.87	6.36
	-1.0	-	-	13.00	13.00	13.00	11.57	10.18	9.09	8.21	7.48	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2eL	RAIL	+/- 150° - +/- 160° Over Rear		90%	RETRACTED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	9.43	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.42	8.42	-	-	-
	4.0	-	-	-	-	-	11.99b	10.53	9.34	8.37	7.57	-	-
	3.0	-	-	-	-	-	11.86	10.40	9.24	8.31	7.53	-	-
	2.0	-	-	-	-	-	11.71	10.29	9.16	8.24	7.48	-	-
	1.0	-	-	-	-	13.00	11.61	10.21	9.10	8.19	7.45	-	-
	0.0	-	-	-	13.00	13.00	11.58	10.18	9.07	8.18	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	35 of 60

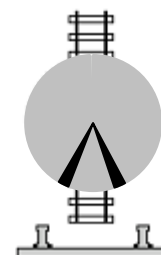
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

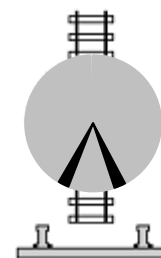
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2eL	RAIL	+/- 150° - +/- 160° Over Rear		75%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	7.51	-	-	-
	6.0	-	-	-	-	-	-	-	-	7.56	6.81	-	-
	5.0	-	-	-	-	-	-	-	-	7.53	6.80	6.18	-
	4.0	-	-	-	-	-	-	-	8.33	7.47	6.75	6.15	5.64
	3.0	-	-	-	-	-	9.75a	9.25	8.22	7.39	6.69	6.11	5.61
	2.0	-	-	-	-	-	10.37	9.11	8.12	7.30	6.63	6.06	5.58
	1.0	-	-	-	-	-	10.22	9.00	8.02	7.23	6.58	6.02	5.56
	0.0	-	-	-	13.00	11.70	10.13	8.92	7.96	7.18	6.54	6.00	5.56
	-1.0	-	-	13.00	13.00	11.67	10.10	8.89	7.94	7.17	6.54	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2eL	RAIL	+/- 150° - +/- 160° Over Rear		75%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	9.32	8.23	-	-	-	-
	5.0	-	-	-	-	-	-	9.27	8.21	7.35	-	-	-
	4.0	-	-	-	-	-	10.48	9.18	8.15	7.31	6.61	-	-
	3.0	-	-	-	-	-	10.34	9.07	8.07	7.25	6.57	-	-
	2.0	-	-	-	-	-	10.22	8.98	7.99	7.20	6.54	-	-
	1.0	-	-	-	-	11.73	10.14	8.91	7.94	7.16	6.51	-	-
	0.0	-	-	-	13.00	11.71	10.11	8.89	7.92	7.15	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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	36 of 60

RATED LIFT CAPACITY CHART

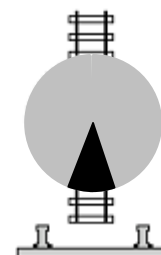
RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2fU	RAIL	+/- 20° Over Rear		67%	EXTENDED
					Counterweight
	0 - 50mm				OUT

RADIUS

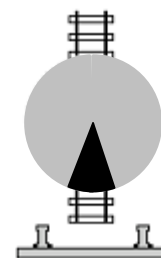
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.40b	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.25b	8.17b	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.48b	8.23b	7.84a
	3.0	-	-	-	-	-	9.75a	10.05a	9.99b	9.39b	8.89b	8.48b	8.10b
	2.0	-	-	-	-	-	13.00	11.91b	10.85b	10.01b	9.33b	8.74b	8.19b
	1.0	-	-	-	-	-	13.00	12.81b	11.51b	10.47b	9.61b	8.85	8.09b
	0.0	-	-	-	13.00	13.00	13.00	13.00	11.67	10.54	9.55b	8.58b	7.22b
	-1.0	-	-	13.00	13.00	13.00	13.00	12.64b	11.21b	9.96b	8.75b	-	-
-2.0	-	-	-	-	-	-	-	-	-	-	-	-	
-3.0	-	-	-	-	-	-	-	-	-	-	-	-	
-4.0	-	-	-	-	-	-	-	-	-	-	-	-	



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2fU	RAIL	+/- 20° Over Rear		67%	RETRACTED
					Counterweight
	0 - 50mm				OUT

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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	10.33b	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.99b	9.74b	-	-
	4.0	-	-	-	-	11.99b	11.07b	10.37b	9.82b	9.43b	-	-
	3.0	-	-	-	-	13.00	12.00b	10.98b	10.18b	9.53b	-	-
	2.0	-	-	-	-	13.00	12.81b	11.52b	10.50b	9.61	-	-
	1.0	-	-	-	-	13.00	13.00	13.00	11.65	10.49b	9.35b	-
	0.0	-	-	-	13.00	13.00	13.00	12.63b	11.15b	9.76b	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-
	-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 60

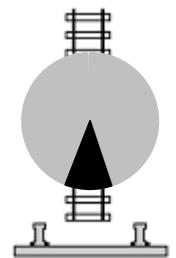
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

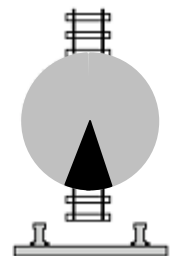
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2fU	RAIL	+/- 20° Over Rear		67%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.40b	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.25b	8.17b	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.48b	8.23b	7.84a
	3.0	-	-	-	-	-	9.75a	10.05a	9.99b	9.39b	8.89b	8.48b	8.10b
	2.0	-	-	-	-	-	13.00	11.91b	10.85b	10.01b	9.33b	8.74b	8.19b
	1.0	-	-	-	-	-	13.00	12.81b	11.51b	10.47b	9.61b	8.85	8.09b
	0.0	-	-	-	13.00	13.00	13.00	13.00	11.67	10.54	9.55b	8.58b	7.22b
	-1.0	-	-	13.00	13.00	13.00	13.00	12.64b	11.21b	9.96b	8.75b	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2fU	RAIL	+/- 20° Over Rear		67%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	10.33b	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.99b	9.74b	-	-	-
	4.0	-	-	-	-	-	11.99b	11.07b	10.37b	9.82b	9.43b	-	-
	3.0	-	-	-	-	-	13.00	12.00b	10.98b	10.18b	9.53b	-	-
	2.0	-	-	-	-	-	13.00	12.81b	11.52b	10.50b	9.61	-	-
	1.0	-	-	-	-	13.00	13.00	13.00	11.65	10.49b	9.35b	-	-
	0.0	-	-	-	13.00	13.00	13.00	12.63b	11.15b	9.76b	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

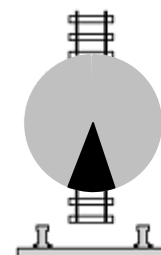
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

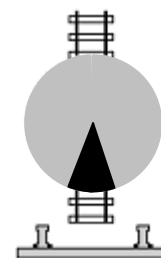
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2fL	RAIL	+/- 20° Over Rear		90%	EXTENDED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.40b	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.25b	8.17b	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.48b	8.23b	7.84a
	3.0	-	-	-	-	-	9.75a	10.05a	9.99b	9.39b	8.89b	8.48b	7.87
	2.0	-	-	-	-	-	13.00	11.91b	10.85b	10.01b	9.28	8.50	7.83
	1.0	-	-	-	-	-	13.00	12.59	11.23	10.13	9.22	8.45	7.80
	0.0	-	-	-	13.00	13.00	13.00	12.50	11.16	10.07	9.18	8.42	7.22b
	-1.0	-	-	13.00	13.00	13.00	13.00	12.46	11.13	9.96b	8.75b	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2fL	RAIL	+/- 20° Over Rear		90%	RETRACTED
					Counterweight
	0 - 50mm				OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	10.33b	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.99b	9.74b	-	-	-
	4.0	-	-	-	-	-	11.99b	11.07b	10.37b	9.82b	9.26	-	-
	3.0	-	-	-	-	-	13.00	12.00b	10.98b	10.15	9.22	-	-
	2.0	-	-	-	-	-	13.00	12.56	11.20	10.09	9.17	-	-
	1.0	-	-	-	-	13.00	13.00	12.49	11.14	10.04	9.14	-	-
	0.0	-	-	-	13.00	13.00	13.00	12.45	11.11	9.76b	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

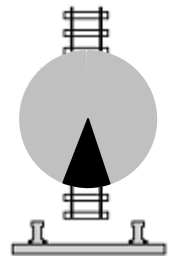
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

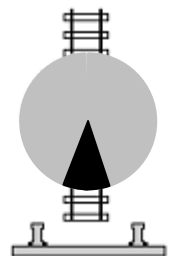
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2fL	RAIL	+/- 20° Over Rear		90%	EXTENDED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.40b	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.25b	7.95	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.48b	7.92	7.26
	3.0	-	-	-	-	-	9.75a	10.05a	9.99b	9.39b	8.61	7.87	7.23
	2.0	-	-	-	-	-	13.00	11.72	10.44	9.40	8.53	7.81	7.19
	1.0	-	-	-	-	-	13.00	11.58	10.33	9.31	8.47	7.76	7.16
	0.0	-	-	-	13.00	13.00	13.00	11.49	10.26	9.25	8.43	7.74	7.16
	-1.0	-	-	13.00	13.00	13.00	13.00	11.45	10.23	9.24	8.42	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
2fL	RAIL	+/- 20° Over Rear		90%	RETRACTED
					Counterweight
	0 - 50mm				IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	10.33b	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.99b	9.45	-	-	-
	4.0	-	-	-	-	-	11.99b	11.07b	10.37b	9.40	8.51	-	-
	3.0	-	-	-	-	-	13.00	11.67	10.38	9.33	8.47	-	-
	2.0	-	-	-	-	-	13.00	11.55	10.29	9.27	8.42	-	-
	1.0	-	-	-	-	13.00	13.00	11.48	10.23	9.22	8.39	-	-
	0.0	-	-	-	13.00	13.00	13.00	11.45	10.21	9.21	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

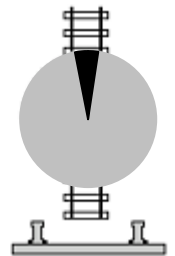
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

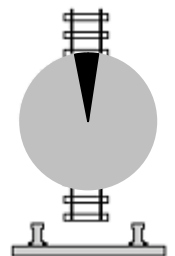
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3aU	RAIL  50 - 150mm	+/- 10° Over Front		67%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	3.85	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.89	3.47	-	-
	5.0	-	-	-	-	-	-	-	-	3.87	3.46	3.12	-
	4.0	-	-	-	-	-	-	-	4.29	3.81	3.42	3.10	2.81
	3.0	-	-	-	-	-	5.45	4.75	4.19	3.74	3.37	3.06	2.79
	2.0	-	-	-	-	-	5.28	4.62	4.10	3.67	3.31	3.01	2.76
	1.0	-	-	-	-	-	5.15	4.52	4.01	3.60	3.26	2.98	2.74
	0.0	-	-	-	6.95	5.87	5.07	4.45	3.96	3.56	3.23	2.96	2.74
	-1.0	-	-	8.51	6.93	5.84	5.04	4.42	3.94	3.55	3.23	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3aU	RAIL  50 - 150mm	+/- 10° Over Front		67%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	4.80	4.19	-	-	-	-
	5.0	-	-	-	-	-	-	4.76	4.18	3.71	-	-	-
	4.0	-	-	-	-	-	5.38	4.68	4.12	3.67	3.30	-	-
	3.0	-	-	-	-	-	5.25	4.59	4.05	3.62	3.26	-	-
	2.0	-	-	-	-	-	5.14	4.50	3.99	3.57	3.23	-	-
	1.0	-	-	-	-	5.89	5.07	4.44	3.94	3.54	3.21	-	-
	0.0	-	-	-	7.00	5.87	5.05	4.42	3.93	3.53	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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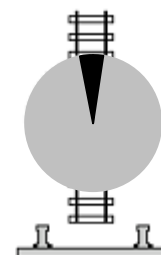
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

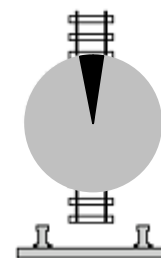
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3aU	RAIL  50 - 150mm	+/- 10° Over Front		67%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	3.13	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.18	2.82	-	-
	5.0	-	-	-	-	-	-	-	-	3.15	2.81	2.52	-
	4.0	-	-	-	-	-	-	-	3.50	3.10	2.77	2.49	2.25
	3.0	-	-	-	-	-	4.45	3.87	3.40	3.03	2.72	2.45	2.23
	2.0	-	-	-	-	-	4.28	3.74	3.31	2.95	2.66	2.41	2.20
	1.0	-	-	-	-	-	4.15	3.64	3.22	2.89	2.61	2.38	2.18
	0.0	-	-	-	5.60	4.72	4.07	3.57	3.17	2.85	2.58	2.36	2.18
	-1.0	-	-	6.86	5.58	4.69	4.04	3.54	3.15	2.83	2.58	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3aU	RAIL  50 - 150mm	+/- 10° Over Front		67%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	3.92	3.40	-	-	-	-
	5.0	-	-	-	-	-	-	3.88	3.39	2.99	-	-	-
	4.0	-	-	-	-	-	4.38	3.80	3.33	2.96	2.64	-	-
	3.0	-	-	-	-	-	4.26	3.70	3.26	2.91	2.61	-	-
	2.0	-	-	-	-	-	4.15	3.62	3.20	2.86	2.58	-	-
	1.0	-	-	-	-	4.75	4.08	3.56	3.15	2.82	2.56	-	-
	0.0	-	-	-	5.64	4.72	4.05	3.54	3.14	2.82	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

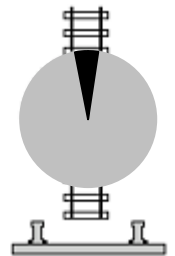
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

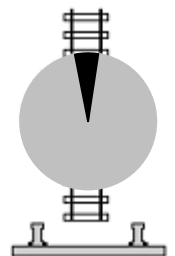
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3aL	RAIL  50 - 150mm	+/- 10° Over Front		90%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	6.96	-	-	-
	6.0	-	-	-	-	-	-	-	-	7.03	6.23	-	-
	5.0	-	-	-	-	-	-	-	-	6.99	6.22	5.58	-
	4.0	-	-	-	-	-	-	-	7.82	6.91	6.17	5.55	5.03
	3.0	-	-	-	-	-	9.75a	8.79	7.68	6.80	6.09	5.49	5.00
	2.0	-	-	-	-	-	9.99	8.60	7.54	6.69	6.00	5.43	4.95
	1.0	-	-	-	-	-	9.78	8.44	7.41	6.60	5.93	5.38	4.92
	0.0	-	-	-	13.00	11.43	9.66	8.34	7.33	6.53	5.89	5.35	4.92
	-1.0	-	-	13.00	13.00	11.39	9.61	8.30	7.30	6.51	5.88	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3aL	RAIL  50 - 150mm	+/- 10° Over Front		90%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	8.88	7.68	-	-	-	-
	5.0	-	-	-	-	-	-	8.81	7.67	6.75	-	-	-
	4.0	-	-	-	-	-	10.14	8.69	7.58	6.70	5.98	-	-
	3.0	-	-	-	-	-	9.94	8.55	7.47	6.62	5.93	-	-
	2.0	-	-	-	-	-	9.77	8.42	7.38	6.55	5.88	-	-
	1.0	-	-	-	-	11.47	9.67	8.33	7.31	6.50	5.85	-	-
	0.0	-	-	-	13.00	11.44	9.63	8.30	7.28	6.49	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

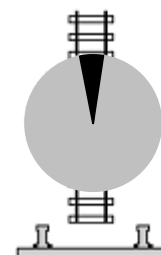
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

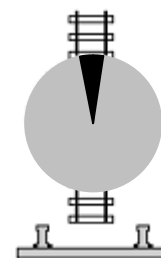
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3aL	RAIL  50 - 150mm	+/- 10° Over Front		90%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	5.96	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.03	5.33	-	-
	5.0	-	-	-	-	-	-	-	-	5.99	5.32	4.76	-
	4.0	-	-	-	-	-	-	-	6.71	5.91	5.26	4.73	4.27
	3.0	-	-	-	-	-	8.79	7.54	6.57	5.80	5.18	4.67	4.24
	2.0	-	-	-	-	-	8.54	7.34	6.42	5.69	5.10	4.61	4.19
	1.0	-	-	-	-	-	8.33	7.19	6.30	5.60	5.03	4.56	4.16
	0.0	-	-	-	11.90	9.73	8.21	7.08	6.22	5.54	4.98	4.53	4.17
	-1.0	-	-	13.00	11.86	9.68	8.16	7.05	6.19	5.52	4.98	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3aL	RAIL  50 - 150mm	+/- 10° Over Front		90%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.62	6.57	-	-	-	-
	5.0	-	-	-	-	-	-	7.56	6.55	5.75	-	-	-
	4.0	-	-	-	-	-	8.69	7.43	6.47	5.70	5.08	-	-
	3.0	-	-	-	-	-	8.49	7.29	6.36	5.62	5.03	-	-
	2.0	-	-	-	-	-	8.32	7.16	6.26	5.55	4.98	-	-
	1.0	-	-	-	-	9.77	8.22	7.07	6.20	5.50	4.95	-	-
	0.0	-	-	-	11.97	9.73	8.18	7.04	6.17	5.49	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

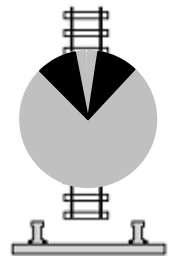
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

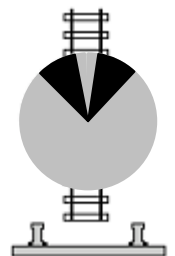
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3bU	RAIL  50 - 150mm	+/- 10° - +/- 45° Over Front		67%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	1.72	-	-	-
	6.0	-	-	-	-	-	-	-	-	1.77	1.52	-	-
	5.0	-	-	-	-	-	-	-	-	1.74	1.51	1.31	-
	4.0	-	-	-	-	-	-	-	1.95	1.69	1.47	1.29	1.13
	3.0	-	-	-	-	-	2.55	2.16	1.85	1.61	1.41	1.25	1.10
	2.0	-	-	-	-	-	2.37	2.02	1.75	1.53	1.35	1.20	1.07
	1.0	-	-	-	-	-	2.22	1.91	1.66	1.46	1.30	1.16	1.05
	0.0	-	-	-	3.08	2.53	2.13	1.84	1.61	1.42	1.27	1.14	1.05
	-1.0	-	-	3.89	3.05	2.50	2.10	1.81	1.58	1.41	1.26	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3bU	RAIL  50 - 150mm	+/- 10° - +/- 45° Over Front		67%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	2.22	1.86	-	-	-	-
	5.0	-	-	-	-	-	-	2.17	1.84	1.57	-	-	-
	4.0	-	-	-	-	-	2.48	2.08	1.78	1.54	1.33	-	-
	3.0	-	-	-	-	-	2.34	1.98	1.71	1.48	1.30	-	-
	2.0	-	-	-	-	-	2.22	1.89	1.64	1.43	1.26	-	-
	1.0	-	-	-	-	2.56	2.14	1.83	1.59	1.39	1.24	-	-
	0.0	-	-	-	3.12	2.53	2.11	1.80	1.57	1.39	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

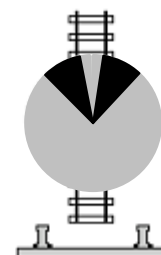
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

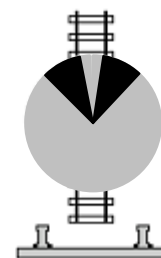
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3bL	RAIL  50 - 150mm	+/- 10° - +/- 45° Over Front		90%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	4.68	-	-	-
	6.0	-	-	-	-	-	-	-	-	4.75	4.19	-	-
	5.0	-	-	-	-	-	-	-	-	4.71	4.18	3.73	-
	4.0	-	-	-	-	-	-	-	5.25	4.63	4.12	3.70	3.34
	3.0	-	-	-	-	-	6.80	5.86	5.12	4.53	4.05	3.65	3.30
	2.0	-	-	-	-	-	6.56	5.67	4.98	4.42	3.97	3.59	3.26
	1.0	-	-	-	-	-	6.37	5.52	4.86	4.33	3.90	3.54	3.23
	0.0	-	-	-	8.87	7.34	6.25	5.43	4.79	4.27	3.85	3.51	3.24
	-1.0	-	-	11.14	8.83	7.30	6.21	5.39	4.76	4.25	3.85	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3bL	RAIL  50 - 150mm	+/- 10° - +/- 45° Over Front		90%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	5.94	5.12	-	-	-	-
	5.0	-	-	-	-	-	-	5.88	5.10	4.48	-	-	-
	4.0	-	-	-	-	-	6.71	5.76	5.02	4.43	3.94	-	-
	3.0	-	-	-	-	-	6.52	5.62	4.92	4.36	3.90	-	-
	2.0	-	-	-	-	-	6.36	5.50	4.83	4.29	3.85	-	-
	1.0	-	-	-	-	7.38	6.26	5.42	4.76	4.24	3.82	-	-
	0.0	-	-	-	8.93	7.34	6.22	5.38	4.74	4.23	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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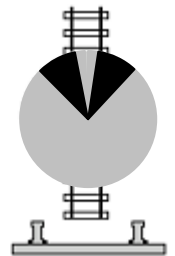
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

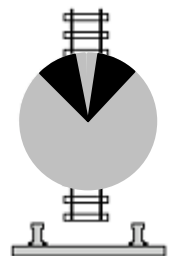
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3bL	RAIL  50 - 150mm	+/- 10° - +/- 45° Over Front		90%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	3.90	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.96	3.48	-	-
	5.0	-	-	-	-	-	-	-	-	3.93	3.47	3.08	-
	4.0	-	-	-	-	-	-	-	4.38	3.85	3.41	3.05	2.73
	3.0	-	-	-	-	-	5.68	4.88	4.25	3.75	3.33	2.99	2.70
	2.0	-	-	-	-	-	5.44	4.69	4.11	3.64	3.25	2.93	2.66
	1.0	-	-	-	-	-	5.24	4.54	3.99	3.55	3.18	2.88	2.63
	0.0	-	-	-	7.29	6.03	5.13	4.45	3.91	3.49	3.14	2.85	2.63
	-1.0	-	-	9.18	7.26	5.99	5.08	4.41	3.89	3.47	3.14	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3bL	RAIL  50 - 150mm	+/- 10° - +/- 45° Over Front		90%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	4.95	4.25	-	-	-	-
	5.0	-	-	-	-	-	-	4.89	4.23	3.70	-	-	-
	4.0	-	-	-	-	-	5.59	4.78	4.15	3.65	3.23	-	-
	3.0	-	-	-	-	-	5.40	4.64	4.05	3.57	3.18	-	-
	2.0	-	-	-	-	-	5.24	4.52	3.95	3.50	3.13	-	-
	1.0	-	-	-	-	6.07	5.14	4.44	3.89	3.45	3.11	-	-
	0.0	-	-	-	7.36	6.03	5.10	4.40	3.86	3.44	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

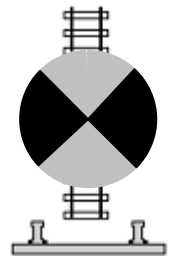
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

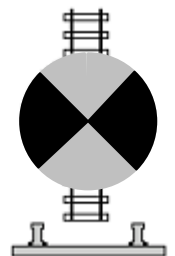
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3cU	RAIL  50 - 150mm	+/- 45° - +/- 135°		67%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	1.69	-	-	-
	6.0	-	-	-	-	-	-	-	-	1.74	1.50	-	-
	5.0	-	-	-	-	-	-	-	-	1.71	1.49	1.30	-
	4.0	-	-	-	-	-	-	-	1.91	1.66	1.45	1.28	1.13
	3.0	-	-	-	-	-	2.44	2.09	1.81	1.59	1.40	1.24	1.11
	2.0	-	-	-	-	-	2.27	1.96	1.72	1.51	1.34	1.20	1.08
	1.0	-	-	-	-	-	2.14	1.86	1.63	1.45	1.29	1.16	1.06
	0.0	-	-	-	2.87	2.41	2.06	1.79	1.58	1.41	1.26	1.15	1.06
	-1.0	-	-	3.54	2.85	2.38	2.03	1.77	1.56	1.39	1.26	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3cU	RAIL  50 - 150mm	+/- 45° - +/- 135°		67%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	2.14	1.81	-	-	-	-
	5.0	-	-	-	-	-	-	2.10	1.80	1.55	-	-	-
	4.0	-	-	-	-	-	2.37	2.02	1.74	1.52	1.33	-	-
	3.0	-	-	-	-	-	2.25	1.93	1.67	1.47	1.29	-	-
	2.0	-	-	-	-	-	2.14	1.84	1.61	1.42	1.26	-	-
	1.0	-	-	-	-	2.43	2.07	1.79	1.56	1.38	1.24	-	-
	0.0	-	-	-	2.92	2.41	2.04	1.76	1.54	1.37	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

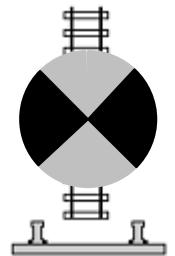
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

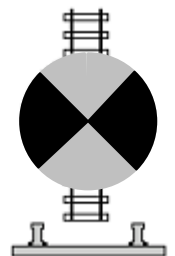
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3cL	RAIL  50 - 150mm	+/- 45° - +/- 135°		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	4.16	-	-	-
	6.0	-	-	-	-	-	-	-	-	4.21	3.75	-	-
	5.0	-	-	-	-	-	-	-	-	4.18	3.74	3.36	-
	4.0	-	-	-	-	-	-	-	4.63	4.12	3.69	3.34	3.03
	3.0	-	-	-	-	-	5.89	5.13	4.53	4.04	3.63	3.29	3.00
	2.0	-	-	-	-	-	5.70	4.99	4.42	3.95	3.57	3.25	2.97
	1.0	-	-	-	-	-	5.55	4.87	4.33	3.88	3.51	3.21	2.95
	0.0	-	-	-	7.50	6.32	5.46	4.79	4.27	3.84	3.48	3.18	2.95
	-1.0	-	-	9.17	7.47	6.29	5.43	4.77	4.24	3.82	3.48	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3cL	RAIL  50 - 150mm	+/- 45° - +/- 135°		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	5.19	4.53	-	-	-	-
	5.0	-	-	-	-	-	-	5.14	4.51	4.00	-	-	-
	4.0	-	-	-	-	-	5.81	5.05	4.45	3.96	3.55	-	-
	3.0	-	-	-	-	-	5.67	4.94	4.37	3.90	3.51	-	-
	2.0	-	-	-	-	-	5.54	4.85	4.30	3.85	3.48	-	-
	1.0	-	-	-	-	6.35	5.47	4.79	4.25	3.81	3.45	-	-
	0.0	-	-	-	7.54	6.33	5.44	4.76	4.23	3.80	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

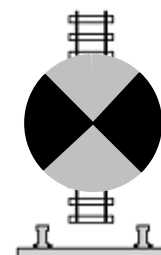
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

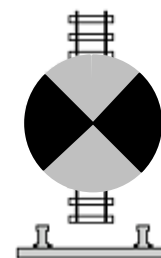
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3cL	RAIL  50 - 150mm	+/- 45° - +/- 135°		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	3.49	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.54	3.14	-	-
	5.0	-	-	-	-	-	-	-	-	3.51	3.13	2.80	-
	4.0	-	-	-	-	-	-	-	3.89	3.45	3.08	2.78	2.51
	3.0	-	-	-	-	-	4.95	4.30	3.79	3.37	3.02	2.73	2.48
	2.0	-	-	-	-	-	4.77	4.16	3.68	3.29	2.96	2.68	2.45
	1.0	-	-	-	-	-	4.62	4.05	3.59	3.21	2.90	2.64	2.43
	0.0	-	-	-	6.23	5.25	4.53	3.97	3.53	3.17	2.87	2.62	2.43
	-1.0	-	-	7.63	6.21	5.22	4.50	3.94	3.51	3.15	2.87	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3cL	RAIL  50 - 150mm	+/- 45° - +/- 135°		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	4.37	3.79	-	-	-	-
	5.0	-	-	-	-	-	-	4.32	3.78	3.33	-	-	-
	4.0	-	-	-	-	-	4.88	4.23	3.71	3.29	2.94	-	-
	3.0	-	-	-	-	-	4.74	4.12	3.63	3.23	2.90	-	-
	2.0	-	-	-	-	-	4.61	4.03	3.56	3.18	2.87	-	-
	1.0	-	-	-	-	5.28	4.54	3.96	3.51	3.14	2.84	-	-
	0.0	-	-	-	6.28	5.25	4.51	3.94	3.49	3.13	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

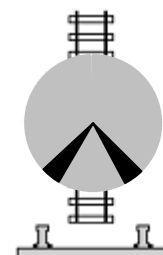
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

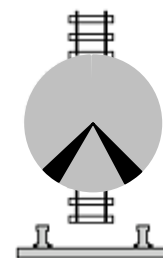
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3dU	RAIL  50 - 150mm	+/- 135° - +/- 150° Over Rear		67%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	2.23	-	-	-
	6.0	-	-	-	-	-	-	-	-	2.28	1.99	-	-
	5.0	-	-	-	-	-	-	-	-	2.25	1.99	1.76	-
	4.0	-	-	-	-	-	-	-	2.50	2.20	1.95	1.74	1.55
	3.0	-	-	-	-	-	3.19	2.75	2.41	2.13	1.89	1.70	1.53
	2.0	-	-	-	-	-	3.03	2.63	2.31	2.05	1.84	1.65	1.50
	1.0	-	-	-	-	-	2.89	2.52	2.23	1.99	1.79	1.62	1.48
	0.0	-	-	-	3.89	3.27	2.81	2.46	2.18	1.95	1.76	1.60	1.48
	-1.0	-	-	4.78	3.87	3.24	2.78	2.43	2.16	1.93	1.75	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3dU	RAIL  50 - 150mm	+/- 135° - +/- 150° Over Rear		67%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	2.81	2.41	-	-	-	-
	5.0	-	-	-	-	-	-	2.77	2.40	2.09	-	-	-
	4.0	-	-	-	-	-	3.13	2.69	2.34	2.06	1.82	-	-
	3.0	-	-	-	-	-	3.00	2.59	2.27	2.00	1.79	-	-
	2.0	-	-	-	-	-	2.89	2.51	2.20	1.96	1.75	-	-
	1.0	-	-	-	-	3.30	2.82	2.45	2.16	1.92	1.73	-	-
	0.0	-	-	-	3.94	3.27	2.79	2.43	2.14	1.91	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

RATED LIFT CAPACITY CHART

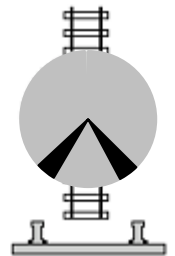
RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3dL	RAIL  50 - 150mm	+/- 135° - +/- 150° Over Rear		75%	EXTENDED
					Counterweight
					OUT

RADIUS

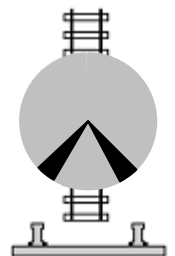
	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-
7.0	-	-	-	-	-	-	-	-	5.33	-	-	-
6.0	-	-	-	-	-	-	-	-	5.38	4.81	-	-
5.0	-	-	-	-	-	-	-	-	5.35	4.81	4.35	-
4.0	-	-	-	-	-	-	-	5.92	5.29	4.76	4.32	3.94
3.0	-	-	-	-	-	7.52	6.57	5.82	5.21	4.70	4.28	3.91
2.0	-	-	-	-	-	7.33	6.43	5.71	5.12	4.64	4.23	3.88
1.0	-	-	-	-	-	7.18	6.31	5.62	5.05	4.58	4.19	3.86
0.0	-	-	-	9.71	8.20	7.09	6.23	5.56	5.00	4.55	4.17	3.86
-1.0	-	-	11.87	9.68	8.17	7.06	6.21	5.53	4.99	4.54	-	-
-2.0	-	-	-	-	-	-	-	-	-	-	-	-
-3.0	-	-	-	-	-	-	-	-	-	-	-	-
-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3dL	RAIL  50 - 150mm	+/- 135° - +/- 150° Over Rear		75%	RETRACTED
					Counterweight
					OUT

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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-
7.0	-	-	-	-	-	-	-	-	-	-	-	-
6.0	-	-	-	-	-	-	6.63	5.82	-	-	-	-
5.0	-	-	-	-	-	-	6.58	5.80	5.17	-	-	-
4.0	-	-	-	-	-	7.44	6.49	5.74	5.13	4.62	-	-
3.0	-	-	-	-	-	7.30	6.39	5.66	5.07	4.58	-	-
2.0	-	-	-	-	-	7.17	6.29	5.59	5.02	4.54	-	-
1.0	-	-	-	-	8.23	7.10	6.23	5.54	4.98	4.52	-	-
0.0	-	-	-	9.76	8.20	7.07	6.20	5.52	4.97	-	-	-
-1.0	-	-	-	-	-	-	-	-	-	-	-	-
-2.0	-	-	-	-	-	-	-	-	-	-	-	-
-3.0	-	-	-	-	-	-	-	-	-	-	-	-
-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 60

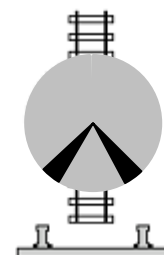
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

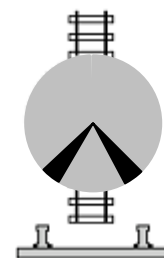
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3dL	RAIL  50 - 150mm	+/- 135° - +/- 150° Over Rear		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	4.50	-	-	-
	6.0	-	-	-	-	-	-	-	-	4.55	4.06	-	-
	5.0	-	-	-	-	-	-	-	-	4.52	4.05	3.65	-
	4.0	-	-	-	-	-	-	-	5.01	4.46	4.01	3.63	3.30
	3.0	-	-	-	-	-	6.37	5.55	4.91	4.38	3.95	3.58	3.27
	2.0	-	-	-	-	-	6.18	5.41	4.80	4.30	3.89	3.54	3.24
	1.0	-	-	-	-	-	6.03	5.29	4.71	4.23	3.83	3.50	3.22
	0.0	-	-	-	8.15	6.88	5.94	5.22	4.65	4.18	3.80	3.48	3.22
	-1.0	-	-	9.97	8.13	6.85	5.91	5.19	4.62	4.17	3.79	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3dL	RAIL  50 - 150mm	+/- 135° - +/- 150° Over Rear		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	5.61	4.91	-	-	-	-
	5.0	-	-	-	-	-	-	5.57	4.89	4.34	-	-	-
	4.0	-	-	-	-	-	6.29	5.48	4.83	4.30	3.87	-	-
	3.0	-	-	-	-	-	6.15	5.37	4.75	4.25	3.83	-	-
	2.0	-	-	-	-	-	6.03	5.28	4.68	4.19	3.79	-	-
	1.0	-	-	-	-	6.91	5.95	5.21	4.63	4.15	3.77	-	-
	0.0	-	-	-	8.20	6.88	5.92	5.19	4.61	4.15	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

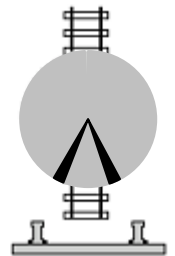
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

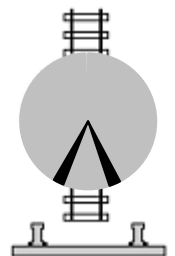
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3eU	RAIL  50 - 150mm	+/- 150° - +/- 160° Over Rear		67%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	3.33	-	-	-
	6.0	-	-	-	-	-	-	-	-	3.38	3.00	-	-
	5.0	-	-	-	-	-	-	-	-	3.35	2.99	2.68	-
	4.0	-	-	-	-	-	-	-	3.72	3.30	2.95	2.66	2.41
	3.0	-	-	-	-	-	4.73	4.11	3.62	3.23	2.90	2.62	2.39
	2.0	-	-	-	-	-	4.56	3.99	3.53	3.15	2.84	2.58	2.36
	1.0	-	-	-	-	-	4.43	3.88	3.44	3.09	2.79	2.54	2.34
	0.0	-	-	-	5.98	5.04	4.35	3.81	3.39	3.05	2.76	2.53	2.34
	-1.0	-	-	7.32	5.96	5.01	4.32	3.79	3.37	3.03	2.76	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3eU	RAIL  50 - 150mm	+/- 150° - +/- 160° Over Rear		67%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	4.17	3.62	-	-	-	-
	5.0	-	-	-	-	-	-	4.12	3.61	3.19	-	-	-
	4.0	-	-	-	-	-	4.66	4.04	3.55	3.16	2.83	-	-
	3.0	-	-	-	-	-	4.53	3.95	3.48	3.11	2.79	-	-
	2.0	-	-	-	-	-	4.42	3.86	3.42	3.06	2.76	-	-
	1.0	-	-	-	-	5.07	4.35	3.81	3.37	3.02	2.74	-	-
	0.0	-	-	-	6.02	5.04	4.33	3.78	3.36	3.01	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

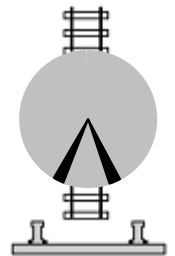
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

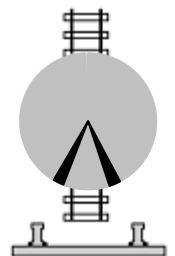
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3eL	RAIL  50 - 150mm	+/- 150° - +/- 160° Over Rear		75%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	6.93	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.98	6.28	-	-
	5.0	-	-	-	-	-	-	-	-	6.96	6.28	5.70	-
	4.0	-	-	-	-	-	-	-	7.70	6.89	6.23	5.67	5.19
	3.0	-	-	-	-	-	9.75a	8.55	7.59	6.81	6.17	5.63	5.17
	2.0	-	-	-	-	-	9.57	8.41	7.48	6.73	6.11	5.58	5.14
	1.0	-	-	-	-	-	9.42	8.29	7.39	6.66	6.05	5.54	5.11
	0.0	-	-	-	12.75	10.79	9.33	8.22	7.33	6.61	6.02	5.52	5.11
	-1.0	-	-	13.00	12.73	10.75	9.30	8.19	7.31	6.60	6.01	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3eL	RAIL  50 - 150mm	+/- 150° - +/- 160° Over Rear		75%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	8.61	7.59	-	-	-	-
	5.0	-	-	-	-	-	-	8.56	7.58	6.78	-	-	-
	4.0	-	-	-	-	-	9.68	8.47	7.52	6.74	6.09	-	-
	3.0	-	-	-	-	-	9.54	8.37	7.44	6.68	6.05	-	-
	2.0	-	-	-	-	-	9.42	8.27	7.36	6.62	6.01	-	-
	1.0	-	-	-	-	10.81	9.34	8.21	7.31	6.59	5.99	-	-
	0.0	-	-	-	12.80	10.79	9.31	8.18	7.29	6.58	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

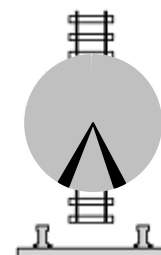
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

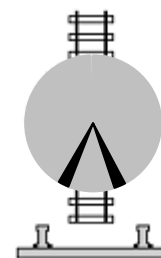
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3eL	RAIL  50 - 150mm	+/- 150° - +/- 160° Over Rear		75%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	6.04	-	-	-
	6.0	-	-	-	-	-	-	-	-	6.09	5.46	-	-
	5.0	-	-	-	-	-	-	-	-	6.06	5.46	4.94	-
	4.0	-	-	-	-	-	-	-	6.71	6.00	5.41	4.92	4.49
	3.0	-	-	-	-	-	8.51	7.44	6.60	5.92	5.35	4.88	4.47
	2.0	-	-	-	-	-	8.32	7.30	6.49	5.83	5.29	4.83	4.44
	1.0	-	-	-	-	-	8.17	7.19	6.40	5.76	5.23	4.79	4.41
	0.0	-	-	-	11.06	9.35	8.08	7.11	6.34	5.72	5.20	4.77	4.41
	-1.0	-	-	13.00	11.03	9.31	8.05	7.08	6.32	5.70	5.20	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3eL	RAIL  50 - 150mm	+/- 150° - +/- 160° Over Rear		75%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	7.51	6.60	-	-	-	-
	5.0	-	-	-	-	-	-	7.46	6.59	5.88	-	-	-
	4.0	-	-	-	-	-	8.43	7.37	6.53	5.84	5.27	-	-
	3.0	-	-	-	-	-	8.29	7.26	6.45	5.78	5.23	-	-
	2.0	-	-	-	-	-	8.17	7.17	6.37	5.73	5.19	-	-
	1.0	-	-	-	-	9.37	8.09	7.10	6.32	5.69	5.17	-	-
	0.0	-	-	-	11.10	9.35	8.06	7.08	6.30	5.68	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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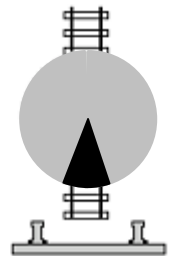
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

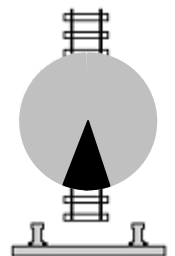
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3fU	RAIL  50 - 150mm	+/- 20° Over Rear		67%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.40b	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.25b	8.17b	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.48b	8.23b	7.84a
	3.0	-	-	-	-	-	9.75a	10.05a	9.99b	9.39b	8.89b	8.48b	8.10b
	2.0	-	-	-	-	-	13.00	11.91b	10.85b	10.01b	9.33b	8.74b	8.19b
	1.0	-	-	-	-	-	13.00	12.81b	11.51b	10.47b	9.61b	8.85	8.09b
	0.0	-	-	-	13.00	13.00	13.00	13.00	11.67	10.54	9.55b	8.58b	7.22b
	-1.0	-	-	13.00	13.00	13.00	13.00	12.64b	11.21b	9.96b	8.75b	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3fU	RAIL  50 - 150mm	+/- 20° Over Rear		67%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	10.33b	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.99b	9.74b	-	-	-
	4.0	-	-	-	-	-	11.99b	11.07b	10.37b	9.82b	9.43b	-	-
	3.0	-	-	-	-	-	13.00	12.00b	10.98b	10.18b	9.53b	-	-
	2.0	-	-	-	-	-	13.00	12.81b	11.52b	10.50b	9.61	-	-
	1.0	-	-	-	-	13.00	13.00	13.00	11.65	10.49b	9.35b	-	-
	0.0	-	-	-	13.00	13.00	13.00	12.63b	11.15b	9.76b	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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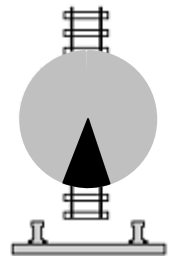
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

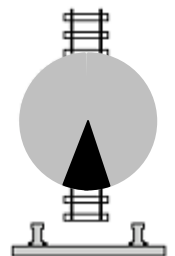
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3fU	RAIL  50 - 150mm	+/- 20° Over Rear		67%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.40b	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.25b	8.17b	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.48b	8.23b	7.84a
	3.0	-	-	-	-	-	9.75a	10.05a	9.99b	9.39b	8.89b	8.48b	8.10b
	2.0	-	-	-	-	-	13.00	11.91b	10.85b	10.01b	9.33b	8.74b	8.19b
	1.0	-	-	-	-	-	13.00	12.81b	11.51b	10.47b	9.61b	8.85	8.09b
	0.0	-	-	-	13.00	13.00	13.00	13.00	11.67	10.54	9.55b	8.58b	7.22b
	-1.0	-	-	13.00	13.00	13.00	13.00	12.64b	11.21b	9.96b	8.75b	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3fU	RAIL  50 - 150mm	+/- 20° Over Rear		67%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	10.33b	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.99b	9.74b	-	-	-
	4.0	-	-	-	-	-	11.99b	11.07b	10.37b	9.82b	9.43b	-	-
	3.0	-	-	-	-	-	13.00	12.00b	10.98b	10.18b	9.53b	-	-
	2.0	-	-	-	-	-	13.00	12.81b	11.52b	10.50b	9.61	-	-
	1.0	-	-	-	-	13.00	13.00	13.00	11.65	10.49b	9.35b	-	-
	0.0	-	-	-	13.00	13.00	13.00	12.63b	11.15b	9.76b	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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).
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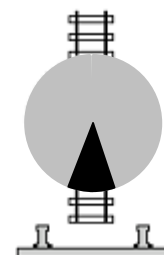
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

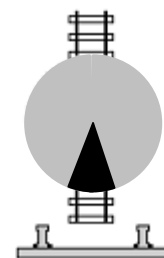
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3fL	RAIL  50 - 150mm	+/- 20° Over Rear		90%	EXTENDED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.40b	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.25b	7.95	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.48b	7.92	7.26
	3.0	-	-	-	-	-	9.75a	10.05a	9.99b	9.39b	8.62	7.87	7.23
	2.0	-	-	-	-	-	13.00	11.72	10.44	9.40	8.54	7.81	7.19
	1.0	-	-	-	-	-	13.00	11.58	10.33	9.32	8.47	7.77	7.17
	0.0	-	-	-	13.00	13.00	13.00	11.49	10.26	9.26	8.43	7.74	7.17
	-1.0	-	-	13.00	13.00	13.00	13.00	11.46	10.23	9.24	8.43	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3fL	RAIL  50 - 150mm	+/- 20° Over Rear		90%	RETRACTED
					Counterweight
					OUT

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	10.33b	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.99b	9.46	-	-	-
	4.0	-	-	-	-	-	11.99b	11.07b	10.37b	9.41	8.52	-	-
	3.0	-	-	-	-	-	13.00	11.67	10.39	9.34	8.47	-	-
	2.0	-	-	-	-	-	13.00	11.56	10.30	9.27	8.43	-	-
	1.0	-	-	-	-	13.00	13.00	11.48	10.24	9.23	8.40	-	-
	0.0	-	-	-	13.00	13.00	13.00	11.45	10.21	9.22	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60

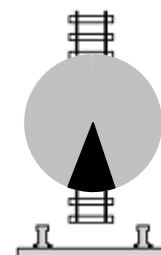
RATED LIFT CAPACITY CHART

RIS 1530

Machine Type	Colmar T10000	Equipment	1.08m + 2.11m/3.11m Dipper
Issue Date	21/09/2011	Serial No.	8585
FIRST of CLASS	207		

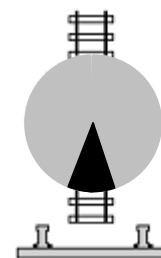
Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3fL	RAIL  50 - 150mm	+/- 20° Over Rear		90%	EXTENDED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	8.00a	-	-	-
	6.0	-	-	-	-	-	-	-	-	8.36b	8.10	-	-
	5.0	-	-	-	-	-	-	-	-	8.40b	8.09	7.36	-
	4.0	-	-	-	-	-	-	-	8.76a	8.79b	8.04	7.33	6.71
	3.0	-	-	-	-	-	9.75a	10.05a	9.79	8.79	7.97	7.27	6.68
	2.0	-	-	-	-	-	12.35	10.85	9.66	8.69	7.89	7.22	6.64
	1.0	-	-	-	-	-	12.17	10.71	9.55	8.61	7.83	7.17	6.61
	0.0	-	-	-	13.00	13.00	12.06	10.62	9.48	8.55	7.79	7.14	6.62
	-1.0	-	-	13.00	13.00	13.00	12.02	10.59	9.45	8.53	7.78	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-4.0	-	-	-	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety	Tele Dipper
3fL	RAIL  50 - 150mm	+/- 20° Over Rear		90%	RETRACTED
					Counterweight
					IN

		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
HEIGHT	8.0	-	-	-	-	-	-	-	-	-	-	-	-
	7.0	-	-	-	-	-	-	-	-	-	-	-	-
	6.0	-	-	-	-	-	-	10.35b	9.79	-	-	-	-
	5.0	-	-	-	-	-	-	10.41b	9.78	8.75	-	-	-
	4.0	-	-	-	-	-	11.99b	10.93	9.70	8.70	7.87	-	-
	3.0	-	-	-	-	-	12.31	10.80	9.60	8.63	7.83	-	-
	2.0	-	-	-	-	-	12.16	10.69	9.52	8.57	7.78	-	-
	1.0	-	-	-	-	13.00	12.07	10.61	9.46	8.52	7.75	-	-
	0.0	-	-	-	13.00	13.00	12.03	10.58	9.43	8.51	-	-	-
	-1.0	-	-	-	-	-	-	-	-	-	-	-	-
	-2.0	-	-	-	-	-	-	-	-	-	-	-	-
	-3.0	-	-	-	-	-	-	-	-	-	-	-	-
	-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 60