

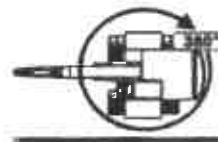
ORIGINAL

MACHINE TYPE	JCB JZ140
SERIAL No	SLPJZ14C5E1137065
EQUIPMENT	1m90+3m40+2m10 Piggy Back Weight Off
DATE	14 September 2005



This machine is equipped with a Protec PC-RCL. This system is designed to comply with RAILWAY SAFETY STANDARD GWRT1300 issue 4

1a	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	360°
	OSC. AXLE	N/A



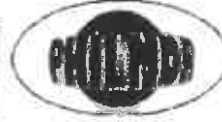
MINIMUM LOADS		3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	
	7.0m	4.37b	3.80b	3.10b	3.58a						
	6.0m	4.35b	3.80b	3.08b	2.80b	2.98b	3.04				
	5.0m	4.26b	3.54b	3.01b	2.80b	2.88b	2.82b	2.85	2.34		
	4.0m	4.12b	3.48b	2.98b	2.80b	2.28b	2.48b	2.83	2.34		
	3.0m	3.88b	3.36b	2.88b	2.52b	2.28b	2.53b	2.88	2.31	2.07	
	2.0m	3.91b	3.30b	3.02b	2.91b	2.88b	2.84	2.69	2.27	2.08	
	1.0m	4.47a	4.87b	4.22b	3.82	3.16	2.76	2.48	2.24	2.03	
	0.0m	3.81a	4.38a	4.18	3.57	3.11	2.76	2.45	2.21	2.02	
	-1.0m	3.84a	3.88	3.78	3.88	3.88	3.88	3.44	2.31		
	-2.0m	3.48	3.10	4.21	3.97	3.11	2.78	3.48			
-3.0m	3.55	3.18	4.27	3.88	3.47						
-4.0m	3.77										

MAXIMUM LOADS		3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
	7.0m	5.01b	4.74b	4.88b	4.13					
	6.0m	4.80a	4.78a	4.81b	4.15	3.87	3.08			
	5.0m	4.78a	4.85a	4.81b	4.12	3.88	3.11	2.70	2.34	
	4.0m	6.68b	5.78	4.77	4.08	3.82	3.10	2.73	2.38	
	3.0m	6.38b	5.84	4.88	4.01	3.48	3.08	2.73	2.38	2.08
	2.0m	6.83	5.87	4.84	3.87	3.48	3.07	2.70	2.36	2.08
	1.0m	6.92	5.88	4.83	3.87	3.45	3.02	2.68	2.33	2.08
	0.0m	6.84	5.80	4.58	3.88	3.37	2.88	2.60	2.29	2.04
	-1.0m	6.78	5.80	4.88	3.88	3.31	2.88	2.54	2.28	
	-2.0m	6.78	5.88	4.88	3.88	3.37	2.84	2.87		
-3.0m	6.78	5.88	4.88	3.88	3.37					
-4.0m	6.84									

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. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the minimum & maximum loads achievable. Loads marked 'b' boom, 'y' articulation, and 'a' arm are limited by hydraulic capacity (87% of 365 bar).
	All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm
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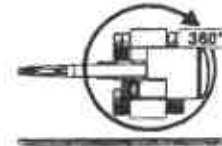
ORIGINAL

MACHINE TYPE	JCB JZ140
SERIAL No	SLPJZ14C5E1137065
EQUIPMENT	1m90+3m40+2m10 Piggy Back Weight ON
DATE	14/09/2005



This machine is equipped with a Protec PC-RCL. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 issue 4

1a	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	360°
	OSC. AXLE	N/A



MINIMUM LOADS

	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	4.37b	3.80b	3.10b	3.09a					
6.0m	4.36b	3.80b	3.05b	2.80b	2.90b	3.16a			
5.0m	4.28b	3.54b	3.01b	2.80b	2.28b	2.82b	2.83a	2.84	
4.0m	4.12b	3.45b	2.95b	2.80b	2.28b	2.48b	2.76a	2.89	
3.0m	3.98b	3.38b	2.88b	2.82b	2.28b	2.53b	2.71a	2.81	2.28
2.0m	3.91b	3.30b	3.02b	2.91b	2.89b	2.87b	2.75	2.47	2.24
1.0m	4.47a	4.87b	4.22b	3.84b	3.43	3.03	2.71	2.44	2.21
0.0m	3.81a	4.38a	4.55	3.88	3.39	2.89	2.88	2.42	2.20
-1.0m	3.84a	4.81	4.85	3.88	3.37	2.88	2.67	2.42	
-2.0m	7.02	4.85	4.88	3.80	3.28	2.88			
-3.0m	7.11	4.83	4.85	3.85	3.45				
-4.0m	7.89								

MAXIMUM LOADS

	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	5.01b	4.74b	4.88b	4.40r					
6.0m	4.80a	4.78a	4.81b	4.30r	3.83	3.31			
5.0m	4.78a	4.88a	4.81b	4.41	3.81	3.36	2.83	2.84	
4.0m	6.98b	6.01b	6.11	4.36	3.78	3.33	2.85	2.88	
3.0m	6.98b	6.05	6.02	4.28	3.74	3.30	2.86	2.88	2.28
2.0m	7.08b	6.98b	4.97	4.26	3.71	3.29	2.85	2.87	2.27
1.0m	7.41	6.95	4.98	4.26	3.71	3.27	2.88	2.83	2.25
0.0m	7.44	6.94	4.94	4.20	3.66	3.21	2.82	2.48	2.22
-1.0m	7.34	6.88	4.85	4.14	3.69	3.18	2.77	2.48	
-2.0m	7.30	6.81	4.82	4.17	3.68	3.18	2.75		
-3.0m	7.24	6.84	4.82	4.07	3.61				
-4.0m	7.88								

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. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the minimum & maximum loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 385 bar).
	All rail duties listed are valid for use on up to a 1:30 gradient, and with a maximum track twist of 25mm
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