

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

1a r b!	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		2.42	2.03	1.70					7.0m		2.44	2.04	1.70				
6.0m		2.42	2.04	1.73	1.48				6.0m		2.44	2.09	1.78	1.50			
5.0m	2.81	2.34	1.99	1.70	1.47	1.27	1.09		5.0m	2.83	2.40	2.07	1.80	1.54	1.30	1.09	
4.0m	2.64	2.22	1.89	1.63	1.42	1.24	1.08		4.0m	2.75	2.34	2.03	1.78	1.55	1.31	1.11	
3.0m	2.41	2.05	1.77	1.54	1.35	1.19	1.05	0.92	3.0m	2.67	2.29	1.99	1.76	1.54	1.30	1.10	0.93
2.0m	2.18	1.88	1.64	1.44	1.27	1.13	1.00	0.89	2.0m	2.61	2.25	1.97	1.75	1.50	1.27	1.07	0.91
1.0m	2.01	1.75	1.53	1.35	1.21	1.08	0.96	0.87	1.0m	2.59	2.24	1.94	1.67	1.44	1.21	1.03	0.88
0.0m	1.93	1.66	1.46	1.29	1.16	1.04	0.93	0.85	0.0m	2.47	2.12	1.83	1.59	1.35	1.15	0.98	0.85
-1.0m	1.89	1.63	1.42	1.26	1.13	1.01	0.92		-1.0m	2.35	2.02	1.74	1.49	1.26	1.08	0.95	
-2.0m	1.90	1.63	1.42	1.26	1.13	1.02			-2.0m	2.27	1.94	1.63	1.39	1.20	1.05		
-3.0m	1.95	1.66	1.46	1.29	1.17				-3.0m	2.17	1.83	1.56	1.34	1.18			
-4.0m	2.10								-4.0m	2.13							

1a r b!	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		4.30	3.48a	3.00					7.0m		4.32	3.59	3.00				
6.0m		4.29	3.58	3.04	2.61				6.0m		4.32	3.64	3.10	2.63			
5.0m	4.99a	4.21	3.52	3.01	2.59	2.26	1.97		5.0m	5.04a	4.28	3.62	3.12	2.67	2.29	1.97	
4.0m	4.93	4.05	3.41	2.92	2.53	2.22	1.96		4.0m	5.07	4.21	3.57	3.09	2.69	2.30	1.99	
3.0m	4.64	3.84	3.26	2.81	2.46	2.17	1.92	1.71	3.0m	4.97	4.14	3.53	3.07	2.68	2.29	1.98	1.72
2.0m	4.34	3.64	3.11	2.69	2.37	2.09	1.87	1.68	2.0m	4.90	4.09	3.50	3.06	2.63	2.26	1.94	1.70
1.0m	4.14	3.47	2.98	2.59	2.29	2.04	1.82	1.65	1.0m	4.87	4.08	3.46	2.97	2.56	2.19	1.90	1.66
0.0m	4.03	3.37	2.89	2.53	2.23	1.99	1.79	1.63	0.0m	4.72	3.93	3.34	2.87	2.45	2.12	1.85	1.63
-1.0m	3.98	3.33	2.85	2.48	2.20	1.97	1.78		-1.0m	4.56	3.80	3.23	2.76	2.35	2.05	1.81	
-2.0m	4.00	3.33	2.85	2.48	2.20	1.98			-2.0m	4.46	3.71	3.09	2.64	2.29	2.01		
-3.0m	4.05	3.37	2.89	2.52	2.25				-3.0m	4.34	3.57	3.01	2.58	2.26			
-4.0m	4.24								-4.0m	4.28							

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

1b1r1a!	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±45° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		2.42	2.03	1.70					7.0m	2.44	2.04	1.70					
6.0m		2.42	2.04	1.73	1.48				6.0m	2.44	2.09	1.78	1.50				
5.0m	2.81	2.34	1.99	1.70	1.47	1.27	1.09		5.0m	2.83	2.40	2.07	1.80	1.54	1.30	1.09	
4.0m	2.64	2.22	1.89	1.63	1.42	1.24	1.08		4.0m	2.75	2.34	2.03	1.78	1.55	1.31	1.11	
3.0m	2.41	2.05	1.77	1.54	1.35	1.19	1.05	0.92	3.0m	2.67	2.29	1.99	1.76	1.54	1.30	1.10	0.93
2.0m	2.18	1.88	1.64	1.44	1.27	1.13	1.00	0.89	2.0m	2.61	2.25	1.97	1.75	1.50	1.27	1.07	0.91
1.0m	2.01	1.75	1.53	1.35	1.21	1.08	0.96	0.87	1.0m	2.59	2.24	1.94	1.67	1.44	1.21	1.03	0.88
0.0m	1.93	1.66	1.46	1.29	1.16	1.04	0.93	0.85	0.0m	2.47	2.12	1.83	1.59	1.35	1.15	0.98	0.85
-1.0m	1.89	1.63	1.42	1.26	1.13	1.01	0.92		-1.0m	2.35	2.02	1.74	1.49	1.26	1.08	0.95	
-2.0m	1.90	1.63	1.42	1.26	1.13	1.02			-2.0m	2.27	1.94	1.63	1.39	1.20	1.05		
-3.0m	1.95	1.66	1.46	1.29	1.17				-3.0m	2.17	1.83	1.56	1.34	1.18			
-4.0m	2.10								-4.0m	2.13							

1b1r1a!	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±45° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		4.30	3.48a	3.00					7.0m	4.32	3.59	3.00					
6.0m		4.29	3.58	3.04	2.61				6.0m	4.32	3.64	3.10	2.63				
5.0m	4.99a	4.21	3.52	3.01	2.59	2.26	1.97		5.0m	5.04a	4.28	3.62	3.12	2.67	2.29	1.97	
4.0m	4.93	4.05	3.41	2.92	2.53	2.22	1.96		4.0m	5.07	4.21	3.57	3.09	2.69	2.30	1.99	
3.0m	4.64	3.84	3.26	2.81	2.46	2.17	1.92	1.71	3.0m	4.97	4.14	3.53	3.07	2.68	2.29	1.98	1.72
2.0m	4.34	3.64	3.11	2.69	2.37	2.09	1.87	1.68	2.0m	4.90	4.09	3.50	3.06	2.63	2.26	1.94	1.70
1.0m	4.14	3.47	2.98	2.59	2.29	2.04	1.82	1.65	1.0m	4.87	4.08	3.46	2.97	2.56	2.19	1.90	1.66
0.0m	4.03	3.37	2.89	2.53	2.23	1.99	1.79	1.63	0.0m	4.72	3.93	3.34	2.87	2.45	2.12	1.85	1.63
-1.0m	3.98	3.33	2.85	2.48	2.20	1.97	1.78		-1.0m	4.56	3.80	3.23	2.76	2.35	2.05	1.81	
-2.0m	4.00	3.33	2.85	2.48	2.20	1.98			-2.0m	4.46	3.71	3.09	2.64	2.29	2.01		
-3.0m	4.05	3.37	2.89	2.52	2.25				-3.0m	4.34	3.57	3.01	2.58	2.26			
-4.0m	4.24								-4.0m	4.28							

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

1c i b!	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±45° to ±135°
	OSC. AXLE	FLOAT (LIFT & CARRY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m			2.42	2.03	1.70				7.0m		2.44	2.04	1.70				
6.0m			2.42	2.04	1.73	1.48			6.0m		2.44	2.09	1.78	1.50			
5.0m	2.81	2.34	1.99	1.70	1.47	1.27	1.09		5.0m	2.83	2.40	2.07	1.80	1.54	1.30	1.09	
4.0m	2.64	2.22	1.89	1.63	1.42	1.24	1.08		4.0m	2.75	2.34	2.03	1.78	1.55	1.31	1.11	
3.0m	2.41	2.05	1.77	1.54	1.35	1.19	1.05	0.92	3.0m	2.67	2.29	1.99	1.76	1.54	1.30	1.10	0.93
2.0m	2.18	1.88	1.64	1.44	1.27	1.13	1.00	0.89	2.0m	2.61	2.25	1.97	1.75	1.50	1.27	1.07	0.91
1.0m	2.01	1.75	1.53	1.35	1.21	1.08	0.96	0.87	1.0m	2.59	2.24	1.94	1.67	1.44	1.21	1.03	0.88
0.0m	1.93	1.66	1.46	1.29	1.16	1.04	0.93	0.85	0.0m	2.47	2.12	1.83	1.59	1.35	1.15	0.98	0.85
-1.0m	1.89	1.63	1.42	1.26	1.13	1.01	0.92		-1.0m	2.35	2.02	1.74	1.49	1.26	1.08	0.95	
-2.0m	1.90	1.63	1.42	1.26	1.13	1.02			-2.0m	2.27	1.94	1.63	1.39	1.20	1.05		
-3.0m	1.95	1.66	1.46	1.29	1.17				-3.0m	2.17	1.83	1.56	1.34	1.18			
-4.0m	2.10								-4.0m	2.13							

1c i b!	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±45° to ±135°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m			4.30	3.48a	3.00				7.0m		4.32	3.59	3.00				
6.0m			4.29	3.58	3.04	2.61			6.0m		4.32	3.64	3.10	2.63			
5.0m	4.99a	4.21	3.52	3.01	2.59	2.26	1.97		5.0m	5.04a	4.28	3.62	3.12	2.67	2.29	1.97	
4.0m	4.93	4.05	3.41	2.92	2.53	2.22	1.96		4.0m	5.07	4.21	3.57	3.09	2.69	2.30	1.99	
3.0m	4.64	3.84	3.26	2.81	2.46	2.17	1.92	1.71	3.0m	4.97	4.14	3.53	3.07	2.68	2.29	1.98	1.72
2.0m	4.34	3.64	3.11	2.69	2.37	2.09	1.87	1.68	2.0m	4.90	4.09	3.50	3.06	2.63	2.26	1.94	1.70
1.0m	4.14	3.47	2.98	2.59	2.29	2.04	1.82	1.65	1.0m	4.87	4.08	3.46	2.97	2.56	2.19	1.90	1.66
0.0m	4.03	3.37	2.89	2.53	2.23	1.99	1.79	1.63	0.0m	4.72	3.93	3.34	2.87	2.45	2.12	1.85	1.63
-1.0m	3.98	3.33	2.85	2.48	2.20	1.97	1.78		-1.0m	4.56	3.80	3.23	2.76	2.35	2.05	1.81	
-2.0m	4.00	3.33	2.85	2.48	2.20	1.98			-2.0m	4.46	3.71	3.09	2.64	2.29	2.01		
-3.0m	4.05	3.37	2.89	2.52	2.25				-3.0m	4.34	3.57	3.01	2.58	2.26			
-4.0m	4.24								-4.0m	4.28							

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

1dib!	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±45° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		4.86	3.48a	3.57					7.0m	4.88	4.16	3.57					
6.0m		4.85	4.16	3.29a	3.17				6.0m	4.88	4.21	3.66	3.18				
5.0m	4.99a	4.78	4.11	3.58	3.14a	2.80	2.49		5.0m	5.04a	4.84	4.19	3.68	3.22	2.82	2.49	
4.0m	5.48	4.64	4.00	3.50	3.10	2.76	2.48		4.0m	5.60	4.78	4.15	3.66	3.23	2.84	2.50	
3.0m	5.23	4.46	3.88	3.41	3.03	2.71	2.44	2.21	3.0m	5.51	4.72	4.11	3.64	3.23	2.82	2.50	2.21
2.0m	4.98	4.29	3.74	3.30	2.95	2.65	2.40	2.18	2.0m	5.45	4.67	4.09	3.63	3.18	2.79	2.46	2.20
1.0m	4.81	4.14	3.63	3.21	2.88	2.59	2.35	2.15	1.0m	5.43	4.67	4.05	3.55	3.12	2.73	2.42	2.17
0.0m	4.72	4.05	3.55	3.15	2.82	2.55	2.32	2.13	0.0m	5.30	4.54	3.94	3.46	3.02	2.67	2.37	2.13
-1.0m	4.68	4.02	3.51	3.11	2.79	2.53	2.31		-1.0m	5.17	4.43	3.85	3.36	2.93	2.60	2.34	
-2.0m	4.69	4.02	3.51	3.11	2.79	2.54			-2.0m	5.09	4.35	3.73	3.25	2.88	2.57		
-3.0m	4.74	4.05	3.54	3.15	2.84				-3.0m	4.98	4.22	3.66	3.20	2.85			
-4.0m	4.90								-4.0m	4.93							

1dib!	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±45° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		4.86	3.48a	3.57					7.0m	4.88	4.16	3.57					
6.0m		4.85	4.16	3.29a	3.17				6.0m	4.88	4.21	3.66	3.18				
5.0m	4.99a	4.78	4.11	3.58	3.14a	2.80	2.49		5.0m	5.04a	4.84	4.19	3.68	3.22	2.82	2.49	
4.0m	5.48	4.64	4.00	3.50	3.10	2.76	2.48		4.0m	5.60	4.78	4.15	3.66	3.23	2.84	2.50	
3.0m	5.23	4.46	3.88	3.41	3.03	2.71	2.44	2.21	3.0m	5.51	4.72	4.11	3.64	3.23	2.82	2.50	2.21
2.0m	4.98	4.29	3.74	3.30	2.95	2.65	2.40	2.18	2.0m	5.45	4.67	4.09	3.63	3.18	2.79	2.46	2.20
1.0m	4.81	4.14	3.63	3.21	2.88	2.59	2.35	2.15	1.0m	5.43	4.67	4.05	3.55	3.12	2.73	2.42	2.17
0.0m	4.72	4.05	3.55	3.15	2.82	2.55	2.32	2.13	0.0m	5.30	4.54	3.94	3.46	3.02	2.67	2.37	2.13
-1.0m	4.68	4.02	3.51	3.11	2.79	2.53	2.31		-1.0m	5.17	4.43	3.85	3.36	2.93	2.60	2.34	
-2.0m	4.69	4.02	3.51	3.11	2.79	2.54			-2.0m	5.09	4.35	3.73	3.25	2.88	2.57		
-3.0m	4.74	4.05	3.54	3.15	2.84				-3.0m	4.98	4.22	3.66	3.20	2.85			
-4.0m	4.90								-4.0m	4.93							

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

1e	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

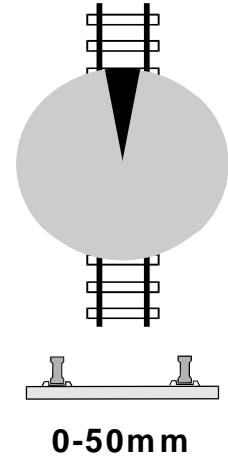
	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		4.86	3.48a	3.57					7.0m		4.88	4.16	3.57				
6.0m		4.85	4.16	3.29a	3.17				6.0m		4.88	4.21	3.66	3.18			
5.0m	4.99a	4.78	4.11	3.58	3.14a	2.80	2.49		5.0m	5.04a	4.84	4.19	3.68	3.22	2.82	2.49	
4.0m	5.48	4.64	4.00	3.50	3.10	2.76	2.48		4.0m	5.60	4.78	4.15	3.66	3.23	2.84	2.50	
3.0m	5.23	4.46	3.88	3.41	3.03	2.71	2.44	2.21	3.0m	5.51	4.72	4.11	3.64	3.23	2.82	2.50	2.21
2.0m	4.98	4.29	3.74	3.30	2.95	2.65	2.40	2.18	2.0m	5.45	4.67	4.09	3.63	3.18	2.79	2.46	2.20
1.0m	4.81	4.14	3.63	3.21	2.88	2.59	2.35	2.15	1.0m	5.43	4.67	4.05	3.55	3.12	2.73	2.42	2.17
0.0m	4.72	4.05	3.55	3.15	2.82	2.55	2.32	2.13	0.0m	5.30	4.54	3.94	3.46	3.02	2.67	2.37	2.13
-1.0m	4.68	4.02	3.51	3.11	2.79	2.53	2.31		-1.0m	5.17	4.43	3.85	3.36	2.93	2.60	2.34	
-2.0m	4.69	4.02	3.51	3.11	2.79	2.54			-2.0m	5.09	4.35	3.73	3.25	2.88	2.57		
-3.0m	4.74	4.05	3.54	3.15	2.84				-3.0m	4.98	4.22	3.66	3.20	2.85			
-4.0m	4.90								-4.0m	4.93							

1e	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		4.86	3.48a	3.57					7.0m		4.88	4.16	3.57				
6.0m		4.85	4.16	3.29a	3.17				6.0m		4.88	4.21	3.66	3.18			
5.0m	4.99a	4.78	4.11	3.58	3.14a	2.80	2.49		5.0m	5.04a	4.84	4.19	3.68	3.22	2.82	2.49	
4.0m	5.48	4.64	4.00	3.50	3.10	2.76	2.48		4.0m	5.60	4.78	4.15	3.66	3.23	2.84	2.50	
3.0m	5.23	4.46	3.88	3.41	3.03	2.71	2.44	2.21	3.0m	5.51	4.72	4.11	3.64	3.23	2.82	2.50	2.21
2.0m	4.98	4.29	3.74	3.30	2.95	2.65	2.40	2.18	2.0m	5.45	4.67	4.09	3.63	3.18	2.79	2.46	2.20
1.0m	4.81	4.14	3.63	3.21	2.88	2.59	2.35	2.15	1.0m	5.43	4.67	4.05	3.55	3.12	2.73	2.42	2.17
0.0m	4.72	4.05	3.55	3.15	2.82	2.55	2.32	2.13	0.0m	5.30	4.54	3.94	3.46	3.02	2.67	2.37	2.13
-1.0m	4.68	4.02	3.51	3.11	2.79	2.53	2.31		-1.0m	5.17	4.43	3.85	3.36	2.93	2.60	2.34	
-2.0m	4.69	4.02	3.51	3.11	2.79	2.54			-2.0m	5.09	4.35	3.73	3.25	2.88	2.57		
-3.0m	4.74	4.05	3.54	3.15	2.84				-3.0m	4.98	4.22	3.66	3.20	2.85			
-4.0m	4.90								-4.0m	4.93							

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2a	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

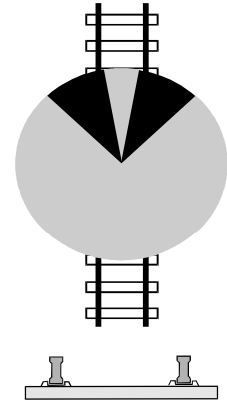
	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		3.79	3.18	2.70					7.0m		3.81	3.21	2.71				
6.0m		3.78	3.18	2.72	2.35	2.04			6.0m		3.80	3.24	2.78	2.37	2.04		
5.0m	4.45	3.69	3.12	2.68	2.33	2.04	1.79		5.0m	4.49	3.76	3.21	2.79	2.41	2.07	1.79	
4.0m	4.25	3.54	3.01	2.60	2.27	2.00	1.78	1.57	4.0m	4.40	3.69	3.17	2.77	2.42	2.08	1.80	1.57
3.0m	3.99	3.36	2.88	2.50	2.20	1.95	1.74	1.55	3.0m	4.32	3.64	3.13	2.74	2.40	2.07	1.79	1.56
2.0m	3.75	3.18	2.75	2.40	2.12	1.89	1.69	1.53	2.0m	4.26	3.60	3.11	2.73	2.35	2.03	1.76	1.54
1.0m	3.59	3.05	2.63	2.31	2.05	1.84	1.65	1.50	1.0m	4.25	3.58	3.05	2.64	2.28	1.97	1.72	1.51
0.0m	3.50	2.97	2.57	2.26	2.01	1.80	1.63	1.48	0.0m	4.09	3.44	2.95	2.56	2.20	1.91	1.67	1.48
-1.0m	3.48	2.94	2.54	2.23	1.98	1.78	1.62		-1.0m	3.96	3.33	2.86	2.43	2.10	1.85	1.63	
-2.0m	3.50	2.95	2.54	2.23	1.99	1.80			-2.0m	3.88	3.24	2.73	2.34	2.05	1.81		
-3.0m	3.55	2.99	2.58	2.28					-3.0m	3.77	3.14	2.68	2.32				
-4.0m									-4.0m								

2a	RAIL	0 to 50mm CANT
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		4.54	3.54a	3.25					7.0m		4.56	3.84	3.25				
6.0m		4.53	3.82	3.27	2.83	2.47			6.0m		4.55	3.87	3.33	2.86	2.47		
5.0m	5.11a	4.43	3.75	3.23	2.81	2.47	2.18		5.0m	5.18a	4.51	3.85	3.34	2.90	2.51	2.18	
4.0m	5.16	4.28	3.64	3.15	2.75	2.43	2.17	1.93	4.0m	5.31	4.44	3.80	3.32	2.91	2.51	2.19	1.93
3.0m	4.89	4.10	3.51	3.05	2.68	2.38	2.13	1.91	3.0m	5.22	4.38	3.77	3.29	2.89	2.50	2.18	1.92
2.0m	4.64	3.91	3.37	2.94	2.60	2.32	2.08	1.88	2.0m	5.16	4.34	3.74	3.28	2.84	2.46	2.15	1.90
1.0m	4.47	3.78	3.26	2.85	2.53	2.26	2.04	1.85	1.0m	5.15	4.32	3.68	3.19	2.76	2.40	2.11	1.87
0.0m	4.38	3.69	3.18	2.80	2.48	2.23	2.01	1.83	0.0m	4.98	4.18	3.58	3.11	2.68	2.34	2.06	1.83
-1.0m	4.35	3.66	3.15	2.77	2.46	2.21	2.01		-1.0m	4.86	4.07	3.48	2.98	2.58	2.28	2.02	
-2.0m	4.37	3.67	3.16	2.77	2.47	2.22			-2.0m	4.77	3.98	3.35	2.89	2.52	2.24		
-3.0m	4.43	3.72	3.20	2.82					-3.0m	4.66	3.87	3.30	2.86				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405(Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



0-50mm

This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2b r	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±45° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

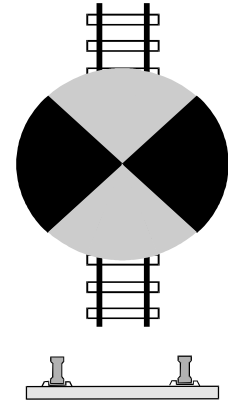
	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		2.03	1.68	1.40					7.0m		2.05	1.71	1.40				
6.0m		2.02	1.68	1.42	1.19	1.00			6.0m		2.04	1.73	1.47	1.22	1.00		
5.0m	2.34	1.94	1.62	1.38	1.17	1.00	0.79		5.0m	2.39	2.00	1.71	1.48	1.25	1.04	0.79	
4.0m	2.17	1.80	1.53	1.30	1.12	0.97	0.77	0.58	4.0m	2.30	1.95	1.67	1.46	1.26	1.04	0.81	0.58
3.0m	1.94	1.64	1.41	1.21	1.05	0.89	0.71	0.55	3.0m	2.23	1.89	1.64	1.44	1.24	1.03	0.79	0.57
2.0m	1.72	1.48	1.28	1.11	0.98	0.81	0.65	0.52	2.0m	2.18	1.86	1.62	1.42	1.20	0.99	0.75	0.54
1.0m	1.57	1.36	1.18	1.04	0.89	0.73	0.59	0.48	1.0m	2.17	1.84	1.56	1.34	1.13	0.92	0.69	0.50
0.0m	1.50	1.29	1.12	0.99	0.82	0.68	0.55	0.45	0.0m	2.02	1.72	1.47	1.27	1.05	0.83	0.62	0.45
-1.0m	1.48	1.26	1.09	0.95	0.79	0.65	0.55		-1.0m	1.91	1.62	1.39	1.15	0.96	0.75	0.57	
-2.0m	1.49	1.27	1.09	0.95	0.80	0.67			-2.0m	1.84	1.54	1.26	1.07	0.88	0.69		
-3.0m	1.54	1.31	1.13	1.00					-3.0m	1.74	1.44	1.22	1.04				
-4.0m									-4.0m								

2b r	RAIL	0 to 50mm CANT
	SECTOR	±45° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)


	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		2.64	2.21	1.86					7.0m		2.66	2.23	1.86				
6.0m		2.63	2.21	1.88	1.61	1.37			6.0m		2.65	2.26	1.94	1.63	1.37		
5.0m	3.06	2.54	2.15	1.84	1.58	1.38	1.19		5.0m	3.10	2.61	2.24	1.94	1.67	1.41	1.19	
4.0m	2.88	2.40	2.05	1.77	1.53	1.34	1.18	1.02	4.0m	3.02	2.55	2.20	1.92	1.67	1.42	1.20	1.02
3.0m	2.64	2.24	1.92	1.67	1.46	1.29	1.14	1.01	3.0m	2.94	2.50	2.16	1.90	1.65	1.41	1.19	1.02
2.0m	2.42	2.07	1.80	1.57	1.39	1.23	1.10	0.98	2.0m	2.89	2.46	2.14	1.89	1.61	1.36	1.16	1.00
1.0m	2.27	1.95	1.69	1.49	1.33	1.18	1.06	0.95	1.0m	2.88	2.44	2.09	1.80	1.54	1.31	1.13	0.97
0.0m	2.19	1.87	1.63	1.44	1.28	1.15	1.03	0.92	0.0m	2.73	2.32	1.99	1.73	1.46	1.25	1.07	0.92
-1.0m	2.17	1.85	1.60	1.41	1.26	1.13	1.03		-1.0m	2.62	2.21	1.90	1.60	1.37	1.20	1.04	
-2.0m	2.18	1.85	1.61	1.41	1.26	1.14			-2.0m	2.54	2.13	1.78	1.52	1.32	1.16		
-3.0m	2.24	1.90	1.64	1.46					-3.0m	2.44	2.03	1.73	1.49				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004




This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2c 	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±45° to ±135°
	OSC. AXLE	FLOAT (LIFT & CARRY)

0-50mm

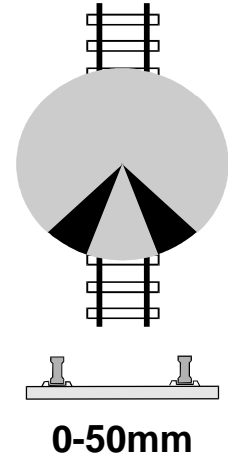
	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		1.74	1.46	1.22					7.0m		1.76	1.48	1.22				
6.0m		1.73	1.45	1.23	1.05	0.83			6.0m		1.75	1.50	1.28	1.07	0.83		
5.0m	1.97	1.65	1.40	1.20	1.02	0.83	0.63		5.0m	2.01	1.71	1.48	1.29	1.10	0.88	0.64	
4.0m	1.82	1.53	1.31	1.13	0.98	0.78	0.61	0.45	4.0m	1.94	1.66	1.44	1.27	1.10	0.89	0.65	0.45
3.0m	1.62	1.39	1.20	1.05	0.88	0.71	0.56	0.42	3.0m	1.87	1.61	1.41	1.25	1.09	0.87	0.64	0.44
2.0m	1.43	1.24	1.09	0.95	0.78	0.64	0.51	0.39	2.0m	1.83	1.58	1.40	1.24	1.05	0.82	0.60	0.41
1.0m	1.30	1.14	1.00	0.85	0.70	0.56	0.45	0.35	1.0m	1.82	1.57	1.35	1.16	0.99	0.74	0.54	0.37
0.0m	1.23	1.07	0.93	0.77	0.64	0.52	0.41	0.33	0.0m	1.69	1.46	1.26	1.10	0.88	0.66	0.47	0.33
-1.0m	1.21	1.05	0.89	0.73	0.60	0.49	0.41		-1.0m	1.59	1.37	1.19	0.99	0.76	0.59	0.43	
-2.0m	1.23	1.06	0.90	0.74	0.61	0.51			-2.0m	1.53	1.30	1.08	0.88	0.69	0.53		
-3.0m	1.27	1.09	0.95	0.80					-3.0m	1.44	1.21	1.03	0.85				
-4.0m									-4.0m								

2c 	RAIL	0 to 50mm CANT
	SECTOR	±45° to ±135°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		2.67	2.14	1.72					7.0m		2.70	2.16	1.73				
6.0m		2.65	2.13	1.75	1.44	1.19			6.0m		2.69	2.20	1.81	1.47	1.19		
5.0m	3.23	2.55	2.06	1.70	1.42	1.19	1.00		5.0m	3.29	2.63	2.17	1.82	1.51	1.23	1.00	
4.0m	3.00	2.37	1.94	1.61	1.35	1.15	0.98	0.75	4.0m	3.18	2.56	2.12	1.80	1.52	1.24	1.01	0.75
3.0m	2.68	2.16	1.78	1.50	1.27	1.09	0.92	0.72	3.0m	3.07	2.49	2.08	1.77	1.50	1.22	1.00	0.74
2.0m	2.38	1.95	1.63	1.38	1.18	1.02	0.85	0.68	2.0m	3.01	2.44	2.05	1.76	1.45	1.18	0.96	0.71
1.0m	2.18	1.79	1.50	1.28	1.11	0.96	0.78	0.63	1.0m	2.99	2.42	1.98	1.65	1.36	1.12	0.90	0.66
0.0m	2.08	1.69	1.42	1.22	1.06	0.90	0.74	0.60	0.0m	2.79	2.26	1.87	1.57	1.27	1.04	0.81	0.60
-1.0m	2.05	1.66	1.39	1.18	1.03	0.87	0.73		-1.0m	2.64	2.13	1.76	1.42	1.17	0.98	0.75	
-2.0m	2.07	1.67	1.39	1.19	1.04	0.90			-2.0m	2.54	2.02	1.61	1.32	1.10	0.92		
-3.0m	2.14	1.72	1.44	1.24					-3.0m	2.40	1.90	1.55	1.29				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2d i b!	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±45° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

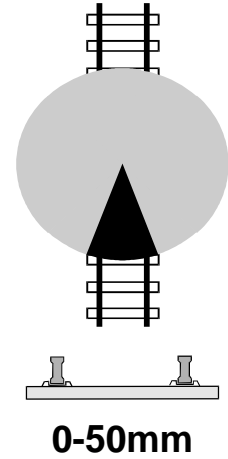
	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m			2.27	1.94	1.66				7.0m		2.29	1.96	1.66				
6.0m			2.26	1.93	1.67	1.45	1.25		6.0m		2.28	1.98	1.72	1.47	1.25		
5.0m	2.56	2.19	1.88	1.64	1.43	1.26	1.10		5.0m	2.60	2.24	1.96	1.73	1.50	1.29	1.10	
4.0m	2.42	2.07	1.80	1.57	1.38	1.23	1.09	0.95	4.0m	2.53	2.19	1.93	1.71	1.51	1.29	1.11	0.95
3.0m	2.22	1.93	1.69	1.49	1.32	1.18	1.05	0.92	3.0m	2.47	2.15	1.90	1.69	1.49	1.28	1.10	0.94
2.0m	2.04	1.79	1.58	1.41	1.26	1.13	1.02	0.89	2.0m	2.42	2.12	1.88	1.68	1.45	1.25	1.08	0.91
1.0m	1.91	1.69	1.49	1.34	1.20	1.08	0.98	0.85	1.0m	2.41	2.10	1.83	1.61	1.39	1.20	1.04	0.87
0.0m	1.85	1.62	1.44	1.29	1.16	1.05	0.95	0.83	0.0m	2.29	1.99	1.75	1.54	1.32	1.14	0.99	0.83
-1.0m	1.83	1.60	1.41	1.26	1.14	1.04	0.95		-1.0m	2.20	1.91	1.67	1.43	1.24	1.10	0.96	
-2.0m	1.84	1.60	1.42	1.27	1.15	1.05			-2.0m	2.14	1.84	1.57	1.36	1.20	1.06		
-3.0m	1.89	1.64	1.45	1.31					-3.0m	2.05	1.76	1.53	1.34				
-4.0m									-4.0m								

2d i b!	RAIL	0 to 50mm CANT
	SECTOR	±45° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m			3.60	3.09	2.67				7.0m		3.62	3.11	2.67				
6.0m			3.59	3.09	2.69	2.36	2.07		6.0m		3.61	3.14	2.74	2.38	2.07		
5.0m	4.12	3.51	3.03	2.65	2.34	2.07	1.84		5.0m	4.16	3.57	3.11	2.75	2.41	2.11	1.85	
4.0m	3.96	3.38	2.94	2.58	2.29	2.04	1.83	1.64	4.0m	4.08	3.52	3.08	2.73	2.42	2.11	1.85	1.64
3.0m	3.74	3.23	2.82	2.49	2.22	1.99	1.79	1.62	3.0m	4.01	3.47	3.04	2.71	2.40	2.10	1.84	1.63
2.0m	3.54	3.07	2.70	2.40	2.15	1.94	1.75	1.60	2.0m	3.97	3.43	3.02	2.70	2.36	2.06	1.82	1.61
1.0m	3.40	2.96	2.61	2.33	2.09	1.89	1.72	1.57	1.0m	3.96	3.41	2.97	2.61	2.29	2.01	1.78	1.58
0.0m	3.33	2.89	2.55	2.28	2.05	1.86	1.69	1.55	0.0m	3.82	3.30	2.89	2.55	2.22	1.95	1.73	1.55
-1.0m	3.31	2.87	2.52	2.25	2.02	1.84	1.69		-1.0m	3.72	3.20	2.80	2.43	2.13	1.90	1.70	
-2.0m	3.32	2.87	2.53	2.25	2.03	1.85			-2.0m	3.65	3.13	2.69	2.35	2.08	1.87		
-3.0m	3.37	2.91	2.56	2.29					-3.0m	3.55	3.04	2.64	2.33				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

2e	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

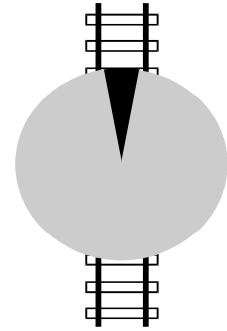
	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		5.00a	3.54a	3.53a					7.0m		5.04a	4.89a	4.34a				
6.0m		4.97a	4.45b	3.31a	3.13a	3.57a			6.0m		5.02a	5.05a	5.00a	4.68a	3.57a		
5.0m	5.11a	5.03b	4.42b	3.92b	3.21a	3.35a	3.13a		5.0m	5.18a	5.35a	5.41a	5.34b	5.15b	4.83a	3.54a	
4.0m	5.70b	4.95b	4.37b	3.89b	3.31a	3.49a	3.38a	3.07a	4.0m	7.13a	6.60b	6.05b	5.66b	5.36b	5.02	4.62	3.07a
3.0m	5.60b	4.88b	4.32b	3.86b	3.55a	3.11a	3.36a	3.29a	3.0m	8.27b	7.31b	6.60b	5.98b	5.45	5.01	4.61	4.24
2.0m	5.54b	4.84b	4.29b	3.94b	3.80a	3.66a	3.56a	3.32a	2.0m	8.27	7.33	6.57	5.95	5.43b	5.00	4.59	4.22
1.0m	5.52b	5.03b	4.90b	4.91b	4.16a	3.96a	3.57a	3.61a	1.0m	8.26	7.31	6.56	5.94	5.44b	4.98	4.56	4.19
0.0m	7.21b	6.49b	6.03r	4.54a	4.45a	4.44a	4.49	4.09a	0.0m	8.28	7.33	6.58	5.98	5.42a	4.93	4.52	4.09a
-1.0m	7.97	7.07	6.34	5.75	5.26	4.41a	4.38a		-1.0m	8.32	7.36	6.59	5.91	5.36	4.89	4.49	
-2.0m	7.54b	6.81b	6.15b	5.44b	4.87b	4.16b			-2.0m	8.26	7.30	6.49	5.84	5.31	4.34b		
-3.0m	5.92b	5.33b	4.73b	4.14b					-3.0m	8.18	7.22	6.22b	4.78b				
-4.0m									-4.0m								

2e	RAIL	0 to 50mm CANT
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m		5.00a	3.54a	3.53a					7.0m		5.04a	4.89a	4.34a				
6.0m		4.97a	4.45b	3.31a	3.13a	3.57a			6.0m		5.02a	5.05a	5.00a	4.68a	3.57a		
5.0m	5.11a	5.03b	4.42b	3.92b	3.21a	3.35a	3.13a		5.0m	5.18a	5.35a	5.41a	5.34b	5.15b	4.83a	3.54a	
4.0m	5.70b	4.95b	4.37b	3.89b	3.31a	3.49a	3.38a	3.07a	4.0m	7.13a	6.60b	6.05b	5.66b	5.36b	5.02	4.62	3.07a
3.0m	5.60b	4.88b	4.32b	3.86b	3.55a	3.11a	3.36a	3.29a	3.0m	8.27b	7.31b	6.60b	5.98b	5.45	5.01	4.61	4.24
2.0m	5.54b	4.84b	4.29b	3.94b	3.80a	3.66a	3.56a	3.32a	2.0m	8.27	7.33	6.57	5.95	5.43b	5.00	4.59	4.22
1.0m	5.52b	5.03b	4.90b	4.91b	4.16a	3.96a	3.57a	3.61a	1.0m	8.26	7.31	6.56	5.94	5.44b	4.98	4.56	4.19
0.0m	7.21b	6.49b	6.03r	4.54a	4.45a	4.44a	4.49	4.09a	0.0m	8.28	7.33	6.58	5.98	5.42a	4.93	4.52	4.09a
-1.0m	7.97	7.07	6.34	5.75	5.26	4.41a	4.38a		-1.0m	8.32	7.36	6.59	5.91	5.36	4.89	4.49	
-2.0m	7.54b	6.81b	6.15b	5.44b	4.87b	4.16b			-2.0m	8.26	7.30	6.49	5.84	5.31	4.34b		
-3.0m	5.92b	5.33b	4.73b	4.14b					-3.0m	8.18	7.22	6.22b	4.78b				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3a i b!	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)



50-150mm

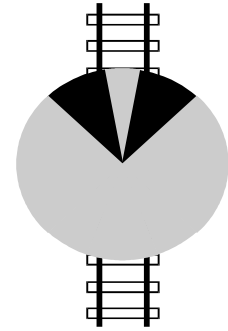
	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m			3.03	2.54	2.15				7.0m			3.05	2.56	2.15			
6.0m			3.01	2.54	2.16	1.86	1.60		6.0m			3.04	2.59	2.22	1.88	1.60	
5.0m	3.52	2.93	2.47	2.12	1.84	1.60	1.40		5.0m	3.57	3.00	2.56	2.23	1.92	1.64	1.40	
4.0m	3.34	2.78	2.37	2.05	1.78	1.57	1.38	1.21	4.0m	3.48	2.94	2.53	2.21	1.93	1.64	1.41	1.21
3.0m	3.09	2.62	2.25	1.95	1.71	1.51	1.34	1.19	3.0m	3.40	2.88	2.49	2.18	1.91	1.63	1.40	1.20
2.0m	2.86	2.44	2.12	1.85	1.64	1.45	1.30	1.17	2.0m	3.35	2.84	2.47	2.17	1.86	1.59	1.37	1.18
1.0m	2.71	2.32	2.01	1.77	1.57	1.40	1.26	1.14	1.0m	3.34	2.82	2.41	2.08	1.79	1.53	1.33	1.15
0.0m	2.63	2.24	1.94	1.72	1.53	1.37	1.23	1.12	0.0m	3.18	2.69	2.32	2.01	1.71	1.47	1.28	1.12
-1.0m	2.60	2.21	1.92	1.69	1.50	1.35	1.23		-1.0m	3.07	2.59	2.23	1.88	1.62	1.42	1.24	
-2.0m	2.62	2.22	1.92	1.69	1.51	1.37			-2.0m	2.99	2.51	2.10	1.80	1.56	1.38		
-3.0m	2.67	2.26	1.96	1.73					-3.0m	2.88	2.40	2.05	1.77				
-4.0m									-4.0m								

3a i b!	RAIL	50 to 150mm CANT
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS									MAXIMUM LOADS							
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m		4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m
7.0m			3.56	3.03	2.60				7.0m			3.58	3.05	2.61			
6.0m			3.54	3.03	2.62	2.28	2.00		6.0m			3.57	3.08	2.68	2.31	2.00	
5.0m	4.10	3.46	2.97	2.58	2.26	2.00	1.77		5.0m	4.15	3.53	3.06	2.68	2.34	2.03	1.77	
4.0m	3.93	3.33	2.87	2.51	2.21	1.96	1.75	1.56	4.0m	4.06	3.47	3.02	2.66	2.35	2.04	1.78	1.56
3.0m	3.70	3.17	2.75	2.42	2.14	1.91	1.72	1.54	3.0m	3.99	3.42	2.98	2.64	2.33	2.03	1.77	1.56
2.0m	3.49	3.01	2.63	2.32	2.07	1.86	1.68	1.52	2.0m	3.94	3.39	2.96	2.63	2.29	1.99	1.74	1.54
1.0m	3.34	2.89	2.53	2.24	2.01	1.81	1.64	1.49	1.0m	3.93	3.36	2.91	2.54	2.22	1.93	1.70	1.51
0.0m	3.26	2.81	2.47	2.19	1.96	1.77	1.61	1.48	0.0m	3.78	3.24	2.82	2.47	2.14	1.87	1.65	1.48
-1.0m	3.24	2.79	2.44	2.16	1.94	1.76	1.61		-1.0m	3.68	3.14	2.73	2.35	2.05	1.82	1.62	
-2.0m	3.26	2.79	2.44	2.17	1.95	1.77			-2.0m	3.60	3.07	2.61	2.27	2.00	1.78		
-3.0m	3.31	2.84	2.48	2.21					-3.0m	3.50	2.97	2.57	2.25				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3b i b!	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±45° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)



50-150mm

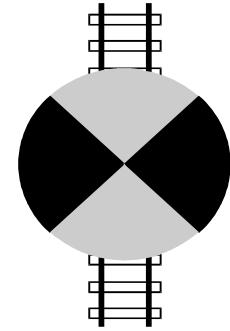
	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		1.66	1.41	1.19					7.0m		1.68	1.42	1.19				
6.0m		1.65	1.40	1.20	1.03	0.82			6.0m		1.67	1.45	1.25	1.05	0.82		
5.0m	1.87	1.58	1.35	1.17	1.01	0.82	0.63		5.0m	1.90	1.64	1.43	1.25	1.08	0.87	0.64	
4.0m	1.73	1.47	1.27	1.11	0.96	0.78	0.61	0.45	4.0m	1.83	1.59	1.40	1.24	1.08	0.87	0.65	0.45
3.0m	1.54	1.34	1.17	1.03	0.87	0.70	0.56	0.43	3.0m	1.77	1.55	1.37	1.22	1.07	0.86	0.63	0.45
2.0m	1.37	1.21	1.07	0.93	0.77	0.63	0.51	0.40	2.0m	1.73	1.52	1.35	1.21	1.03	0.81	0.60	0.42
1.0m	1.25	1.11	0.98	0.83	0.69	0.57	0.46	0.36	1.0m	1.72	1.50	1.31	1.14	0.97	0.74	0.55	0.38
0.0m	1.19	1.05	0.91	0.76	0.63	0.52	0.42	0.34	0.0m	1.61	1.40	1.23	1.08	0.87	0.65	0.48	0.34
-1.0m	1.17	1.03	0.87	0.73	0.60	0.50	0.42		-1.0m	1.52	1.32	1.15	0.97	0.75	0.59	0.43	
-2.0m	1.18	1.03	0.88	0.73	0.61	0.52			-2.0m	1.46	1.25	1.05	0.87	0.68	0.53		
-3.0m	1.22	1.06	0.93	0.79					-3.0m	1.38	1.17	1.01	0.83				
-4.0m									-4.0m								

3b i b!	RAIL	50 to 150mm CANT
	SECTOR	±45° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		2.05	1.76	1.50					7.0m		2.07	1.77	1.51				
6.0m		2.04	1.75	1.52	1.32	1.14			6.0m		2.06	1.80	1.57	1.34	1.14		
5.0m	2.30	1.97	1.70	1.49	1.30	1.14	1.00		5.0m	2.34	2.03	1.78	1.57	1.37	1.17	1.00	
4.0m	2.16	1.86	1.62	1.42	1.25	1.11	0.98	0.81	4.0m	2.27	1.98	1.75	1.55	1.37	1.17	1.01	0.81
3.0m	1.98	1.73	1.52	1.34	1.19	1.06	0.94	0.78	3.0m	2.21	1.94	1.72	1.54	1.36	1.17	1.00	0.80
2.0m	1.80	1.59	1.42	1.26	1.13	1.02	0.89	0.75	2.0m	2.17	1.91	1.70	1.53	1.32	1.13	0.97	0.77
1.0m	1.69	1.50	1.33	1.20	1.08	0.97	0.83	0.71	1.0m	2.16	1.89	1.65	1.45	1.26	1.08	0.92	0.73
0.0m	1.63	1.44	1.28	1.15	1.04	0.93	0.80	0.69	0.0m	2.04	1.79	1.58	1.39	1.19	1.03	0.85	0.69
-1.0m	1.61	1.41	1.26	1.13	1.02	0.91	0.80		-1.0m	1.96	1.71	1.50	1.29	1.12	0.99	0.81	
-2.0m	1.62	1.42	1.26	1.13	1.03	0.92			-2.0m	1.90	1.64	1.40	1.22	1.07	0.94		
-3.0m	1.66	1.45	1.29	1.17					-3.0m	1.82	1.56	1.36	1.20				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3c i b!	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±45° to ±135°
	OSC. AXLE	FLOAT (LIFT & CARRY)



50-150mm

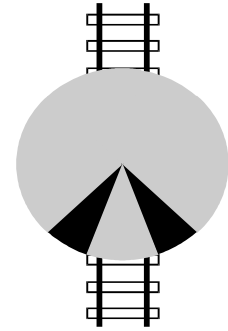
	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		1.50	1.26	1.05					7.0m		1.52	1.28	1.06				
6.0m		1.49	1.26	1.07	0.87	0.65			6.0m		1.51	1.30	1.12	0.90	0.65		
5.0m	1.68	1.42	1.21	1.04	0.84	0.65	0.48		5.0m	1.72	1.48	1.28	1.12	0.95	0.70	0.48	
4.0m	1.54	1.31	1.13	0.97	0.78	0.61	0.46	0.31	4.0m	1.65	1.43	1.25	1.10	0.96	0.70	0.49	0.31
3.0m	1.36	1.18	1.03	0.86	0.68	0.54	0.40	0.28	3.0m	1.59	1.39	1.22	1.09	0.93	0.69	0.48	0.30
2.0m	1.18	1.04	0.90	0.73	0.59	0.46	0.35	0.25	2.0m	1.55	1.36	1.20	1.08	0.88	0.64	0.44	0.27
1.0m	1.07	0.93	0.77	0.63	0.51	0.40	0.30	0.21	1.0m	1.54	1.34	1.16	1.00	0.79	0.57	0.39	0.23
0.0m	1.01	0.84	0.69	0.56	0.45	0.35	0.27	0.19	0.0m	1.43	1.24	1.08	0.93	0.68	0.48	0.32	0.19
-1.0m	0.99	0.81	0.65	0.53	0.42	0.33	0.26		-1.0m	1.34	1.16	1.01	0.77	0.57	0.42	0.28	
-2.0m	1.00	0.82	0.66	0.53	0.43	0.35			-2.0m	1.28	1.09	0.88	0.67	0.50	0.37		
-3.0m	1.04	0.87	0.71	0.59					-3.0m	1.20	1.01	0.82	0.63				
-4.0m									-4.0m								

3c i b!	RAIL	50 to 150mm CANT
	SECTOR	±45° to ±135°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		2.03	1.68	1.40					7.0m		2.05	1.71	1.40				
6.0m		2.02	1.68	1.42	1.19	1.00			6.0m		2.04	1.73	1.47	1.22	1.00		
5.0m	2.34	1.94	1.62	1.38	1.17	1.00	0.79		5.0m	2.39	2.00	1.71	1.48	1.25	1.04	0.79	
4.0m	2.17	1.80	1.53	1.30	1.12	0.97	0.77	0.58	4.0m	2.30	1.95	1.67	1.46	1.26	1.04	0.81	0.58
3.0m	1.94	1.64	1.41	1.21	1.05	0.89	0.71	0.55	3.0m	2.23	1.89	1.64	1.44	1.24	1.03	0.79	0.57
2.0m	1.72	1.48	1.28	1.11	0.98	0.81	0.65	0.52	2.0m	2.18	1.86	1.62	1.42	1.20	0.99	0.75	0.54
1.0m	1.57	1.36	1.18	1.04	0.89	0.73	0.59	0.48	1.0m	2.17	1.84	1.56	1.34	1.13	0.92	0.69	0.50
0.0m	1.50	1.29	1.12	0.99	0.82	0.68	0.55	0.45	0.0m	2.02	1.72	1.47	1.27	1.05	0.83	0.62	0.45
-1.0m	1.48	1.26	1.09	0.95	0.79	0.65	0.55		-1.0m	1.91	1.62	1.39	1.15	0.96	0.75	0.57	
-2.0m	1.49	1.27	1.09	0.95	0.80	0.67			-2.0m	1.84	1.54	1.26	1.07	0.88	0.69		
-3.0m	1.54	1.31	1.13	1.00					-3.0m	1.74	1.44	1.22	1.04				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3d i b t	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±45° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)



50-150mm

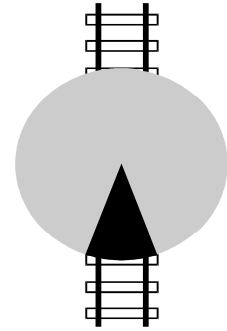
	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		1.81	1.54	1.31					7.0m		1.83	1.56	1.31				
6.0m		1.80	1.54	1.32	1.14	0.97			6.0m		1.82	1.58	1.37	1.16	0.97		
5.0m	2.03	1.73	1.49	1.29	1.12	0.97	0.78		5.0m	2.06	1.78	1.56	1.37	1.19	1.00	0.78	
4.0m	1.89	1.62	1.41	1.23	1.07	0.93	0.76	0.59	4.0m	2.00	1.74	1.53	1.36	1.19	1.01	0.79	0.59
3.0m	1.71	1.49	1.30	1.15	1.01	0.86	0.71	0.57	3.0m	1.94	1.69	1.50	1.34	1.18	1.00	0.78	0.58
2.0m	1.53	1.35	1.20	1.06	0.94	0.79	0.65	0.53	2.0m	1.90	1.67	1.48	1.33	1.14	0.96	0.74	0.55
1.0m	1.41	1.26	1.11	1.00	0.86	0.72	0.60	0.50	1.0m	1.89	1.65	1.44	1.26	1.08	0.89	0.69	0.51
0.0m	1.35	1.19	1.06	0.94	0.80	0.68	0.57	0.47	0.0m	1.77	1.55	1.36	1.20	1.01	0.81	0.62	0.47
-1.0m	1.34	1.17	1.04	0.91	0.77	0.65	0.56		-1.0m	1.69	1.47	1.29	1.09	0.92	0.74	0.58	
-2.0m	1.35	1.18	1.04	0.91	0.78	0.67			-2.0m	1.63	1.40	1.19	1.02	0.85	0.69		
-3.0m	1.39	1.21	1.07	0.97					-3.0m	1.55	1.32	1.15	1.00				
-4.0m									-4.0m								

3d i b t	RAIL	50 to 150mm CANT
	SECTOR	±45° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		2.85	2.45	2.11					7.0m		2.87	2.47	2.12				
6.0m		2.84	2.45	2.13	1.86	1.63			6.0m		2.86	2.49	2.18	1.88	1.63		
5.0m	3.24	2.77	2.39	2.09	1.84	1.63	1.44		5.0m	3.27	2.82	2.47	2.19	1.92	1.66	1.45	
4.0m	3.09	2.65	2.31	2.03	1.79	1.60	1.43	1.27	4.0m	3.20	2.77	2.44	2.17	1.92	1.67	1.45	1.27
3.0m	2.88	2.50	2.20	1.94	1.73	1.55	1.39	1.26	3.0m	3.14	2.73	2.41	2.15	1.91	1.66	1.44	1.27
2.0m	2.69	2.36	2.09	1.86	1.66	1.50	1.36	1.23	2.0m	3.09	2.70	2.39	2.14	1.86	1.62	1.42	1.25
1.0m	2.56	2.25	1.99	1.78	1.61	1.45	1.32	1.21	1.0m	3.08	2.68	2.34	2.06	1.80	1.57	1.38	1.22
0.0m	2.50	2.19	1.94	1.74	1.57	1.42	1.30	1.19	0.0m	2.96	2.57	2.26	2.00	1.73	1.51	1.34	1.19
-1.0m	2.48	2.16	1.91	1.71	1.55	1.41	1.29		-1.0m	2.86	2.48	2.18	1.89	1.65	1.47	1.31	
-2.0m	2.49	2.17	1.92	1.71	1.55	1.42			-2.0m	2.80	2.41	2.07	1.81	1.60	1.43		
-3.0m	2.54	2.21	1.95	1.75					-3.0m	2.71	2.32	2.03	1.79				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Rexquote Caterpillar M313C road-rail conversion
SERIAL No	ODBR00405 (Bogie No 1912)
EQUIPMENT	Hydraulic adjustable boom + 2m60 dipper
DATE	29 April 2004



This machine is equipped with a Prolec PC-RCI. This system is designed to comply with RAILWAY SAFETY STANDARD GM/RT1300 Issue 4

3e i b!	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)



50-150mm

	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		4.21	3.54a	3.27					7.0m		4.22	3.71	3.27				
6.0m		4.19	3.69	3.28	2.93	2.63			6.0m		4.21	3.74	3.33	2.95	2.63		
5.0m	4.73	4.13	3.64	3.25	2.91	2.63	2.38		5.0m	4.76	4.18	3.72	3.33	2.98	2.66	2.38	
4.0m	4.59	4.01	3.56	3.19	2.87	2.60	2.37	2.15	4.0m	4.69	4.13	3.68	3.32	2.99	2.67	2.39	2.15
3.0m	4.40	3.88	3.46	3.11	2.81	2.55	2.33	2.14	3.0m	4.63	4.09	3.65	3.30	2.97	2.66	2.38	2.15
2.0m	4.23	3.75	3.36	3.02	2.75	2.51	2.30	2.12	2.0m	4.59	4.06	3.64	3.29	2.94	2.62	2.36	2.13
1.0m	4.11	3.65	3.27	2.96	2.69	2.46	2.26	2.09	1.0m	4.59	4.04	3.59	3.22	2.88	2.58	2.32	2.11
0.0m	4.05	3.59	3.22	2.91	2.65	2.43	2.24	2.08	0.0m	4.47	3.94	3.52	3.16	2.81	2.52	2.28	2.08
-1.0m	4.03	3.57	3.19	2.89	2.63	2.42	2.24		-1.0m	4.38	3.86	3.44	3.05	2.73	2.48	2.25	
-2.0m	4.05	3.57	3.20	2.89	2.64	2.43			-2.0m	4.32	3.80	3.34	2.98	2.69	2.44		
-3.0m	4.09	3.61	3.23	2.93					-3.0m	4.24	3.72	3.30	2.96				
-4.0m									-4.0m								

3e i b!	RAIL	50 to 150mm CANT
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	MINIMUM LOADS								MAXIMUM LOADS								
	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m	7.5m	
7.0m		4.21	3.54a	3.27					7.0m		4.22	3.71	3.27				
6.0m		4.19	3.69	3.28	2.93	2.63			6.0m		4.21	3.74	3.33	2.95	2.63		
5.0m	4.73	4.13	3.64	3.25	2.91	2.63	2.38		5.0m	4.76	4.18	3.72	3.33	2.98	2.66	2.38	
4.0m	4.59	4.01	3.56	3.19	2.87	2.60	2.37	2.15	4.0m	4.69	4.13	3.68	3.32	2.99	2.67	2.39	2.15
3.0m	4.40	3.88	3.46	3.11	2.81	2.55	2.33	2.14	3.0m	4.63	4.09	3.65	3.30	2.97	2.66	2.38	2.15
2.0m	4.23	3.75	3.36	3.02	2.75	2.51	2.30	2.12	2.0m	4.59	4.06	3.64	3.29	2.94	2.62	2.36	2.13
1.0m	4.11	3.65	3.27	2.96	2.69	2.46	2.26	2.09	1.0m	4.59	4.04	3.59	3.22	2.88	2.58	2.32	2.11
0.0m	4.05	3.59	3.22	2.91	2.65	2.43	2.24	2.08	0.0m	4.47	3.94	3.52	3.16	2.81	2.52	2.28	2.08
-1.0m	4.03	3.57	3.19	2.89	2.63	2.42	2.24		-1.0m	4.38	3.86	3.44	3.05	2.73	2.48	2.25	
-2.0m	4.05	3.57	3.20	2.89	2.64	2.43			-2.0m	4.32	3.80	3.34	2.98	2.69	2.44		
-3.0m	4.09	3.61	3.23	2.93					-3.0m	4.24	3.72	3.30	2.96				
-4.0m									-4.0m								

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 340 bar). All rail duties listed are valid fore use on up to a 1:30 gradient, and with a maximum track twist of 25mm