


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>1a</b> 	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	360° Free On Wheels
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00										
7.50		3.80a	3.37a							
7.00			3.57a	3.37a	2.61a					
6.50			3.42a	3.43a	3.30a	2.72a				
6.00			3.27a	3.37a	3.38a	3.23a	2.58a			
5.50			3.20a	3.34a	3.42a	3.39a	3.05	2.16a		
5.00		3.03a	3.26a	3.42a	3.52a	3.53a	3.05	2.60		
4.50		3.37a	3.58a	3.71a	3.76a	3.59	3.02	2.59	2.23	
4.00		4.98a	4.62a	4.43a	4.28	3.54	2.99	2.57	2.23	
3.50			5.00	5.00	4.19	3.48	2.95	2.54	2.21	1.93
3.00				5.00	4.10	3.41	2.90	2.51	2.19	1.92
2.50				4.93	4.00	3.34	2.85	2.47	2.16	1.91
2.00				4.80	3.91	3.28	2.80	2.44	2.14	1.89
1.50				4.69	3.83	3.22	2.76	2.40	2.12	1.88
1.00				4.61	3.77	3.17	2.72	2.37	2.09	1.86
0.50				4.56	3.72	3.13	2.69	2.35	2.07	1.85
0.00			3.53a	4.53	3.69	3.10	2.66	2.33	2.06	1.84
-0.50			4.48a	4.51	3.67	3.08	2.65	2.32	2.05	
-1.00		3.80a	5.00	4.51	3.66	3.07	2.64	2.31	2.05	
-1.50		5.00	5.00	4.52	3.66	3.07	2.64	2.31	2.06	
-2.00		5.00	5.00	4.54	3.68	3.08	2.65	2.33		
-2.50		5.00	5.00	4.58	3.70	3.11	2.68			
-3.00		5.00	5.00	4.62	3.74	3.15	2.73			

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>1a</b> 	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	360° Free On Wheels
	OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00										
7.50		3.80a	3.37a							
7.00			3.57a	3.37a	2.61a					
6.50			3.42a	3.43a	3.30a	2.72a				
6.00			3.27a	3.37a	3.38a	3.23a	2.58a			
5.50			3.20a	3.34a	3.42a	3.39a	3.05	2.16a		
5.00		3.03a	3.26a	3.42a	3.52a	3.53a	3.05	2.60		
4.50		3.37a	3.58a	3.71a	3.76a	3.59	3.02	2.59	2.23	
4.00		4.98a	4.62a	4.43a	4.28	3.54	2.99	2.57	2.23	
3.50			5.00	5.00	4.19	3.48	2.95	2.54	2.21	1.93
3.00				5.00	4.10	3.41	2.90	2.51	2.19	1.92
2.50				4.93	4.00	3.34	2.85	2.47	2.16	1.91
2.00				4.80	3.91	3.28	2.80	2.44	2.14	1.89
1.50				4.69	3.83	3.22	2.76	2.40	2.12	1.88
1.00				4.61	3.77	3.17	2.72	2.37	2.09	1.86
0.50				4.56	3.72	3.13	2.69	2.35	2.07	1.85
0.00			3.53a	4.53	3.69	3.10	2.66	2.33	2.06	1.84
-0.50			4.48a	4.51	3.67	3.08	2.65	2.32	2.05	
-1.00		3.80a	5.00	4.51	3.66	3.07	2.64	2.31	2.05	
-1.50		5.00	5.00	4.52	3.66	3.07	2.64	2.31	2.06	
-2.00		5.00	5.00	4.54	3.68	3.08	2.65	2.33		
-2.50		5.00	5.00	4.58	3.70	3.11	2.68			
-3.00		5.00	5.00	4.62	3.74	3.15	2.73			

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>2a</b> 	<b>RAIL</b>	0 to 50mm CANT @ 66% of tipping load
	<b>SECTOR</b>	±45° OVER FIXED AXLE (Front)
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.58a	3.07a						
7.00			3.50a	3.44a	3.13a					
6.50			3.34a	3.40a	3.36a	2.93				
6.00			3.22a	3.34a	3.40a	2.94	2.39			
5.50			3.20a	3.36a	3.46a	2.93	2.39	1.99		
5.00		3.14a	3.37a	3.53a	3.62a	2.90	2.38	1.99	1.67	
4.50		3.86a	3.95a	3.98a	3.56	2.85	2.35	1.97	1.67	
4.00			5.00	4.50	3.47	2.79	2.31	1.95	1.66	
3.50			5.00	4.35	3.37	2.73	2.26	1.91	1.64	1.41
3.00				4.19	3.27	2.66	2.21	1.88	1.62	1.40
2.50				4.03	3.17	2.59	2.16	1.84	1.59	1.39
2.00				3.90	3.08	2.52	2.12	1.81	1.57	1.37
1.50				3.80	3.00	2.46	2.07	1.78	1.54	1.35
1.00				3.73	2.94	2.42	2.04	1.75	1.52	1.34
0.50				3.68	2.90	2.38	2.01	1.73	1.51	1.33
0.00			3.98a	3.66	2.87	2.36	1.99	1.71	1.50	1.33
-0.50		3.22a	5.00	3.65	2.86	2.34	1.97	1.70	1.49	
-1.00		4.40a	5.00	3.66	2.86	2.34	1.97	1.70	1.50	
-1.50		5.00	5.00	3.67	2.87	2.34	1.98	1.71		
-2.00		5.00	5.00	3.70	2.89	2.36	1.99	1.73		
-2.50		5.00	5.00	3.74	2.92	2.39	2.03			
-3.00		5.00	5.00	3.81	2.98	2.45				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>2a</b> 	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±45° OVER FIXED AXLE (Front)
	OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.56								
7.50			2.75	2.12						
7.00			2.80	2.19	1.74					
6.50			2.81	2.20	1.77	1.44				
6.00			2.80	2.19	1.77	1.45	1.19			
5.50			2.75	2.16	1.75	1.44	1.20	0.99		
5.00		3.14a	2.68	2.11	1.71	1.42	1.18	0.99	0.75	
4.50		3.39	2.58	2.04	1.66	1.38	1.16	0.98	0.75	
4.00			2.45	1.96	1.60	1.34	1.13	0.96	0.74	
3.50			2.29	1.86	1.53	1.29	1.09	0.92	0.72	0.54
3.00				1.75	1.46	1.24	1.06	0.88	0.69	0.52
2.50				1.65	1.39	1.18	1.02	0.83	0.66	0.50
2.00				1.56	1.32	1.14	0.98	0.79	0.63	0.48
1.50				1.50	1.27	1.09	0.93	0.75	0.60	0.46
1.00				1.45	1.23	1.06	0.89	0.72	0.57	0.45
0.50				1.42	1.20	1.03	0.86	0.69	0.55	0.43
0.00			1.73	1.40	1.18	1.01	0.83	0.67	0.54	0.43
-0.50		2.26	1.73	1.40	1.17	1.00	0.82	0.66	0.53	
-1.00		2.28	1.74	1.40	1.17	1.00	0.82	0.66	0.54	
-1.50		2.30	1.76	1.41	1.18	1.00	0.82	0.67		
-2.00		2.33	1.78	1.43	1.19	1.02	0.84	0.70		
-2.50		2.38	1.82	1.46	1.22	1.04	0.89			
-3.00		2.43	1.86	1.50	1.25	1.08				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>2b</b> 	<b>RAIL</b>	0 to 50mm CANT @ 66% of tipping load
	<b>SECTOR</b>	±45° to ±135°
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.58a	2.72						
7.00			3.50a	2.80	2.15					
6.50			3.34a	2.82	2.18	1.73				
6.00			3.22a	2.81	2.18	1.74	1.41			
5.50			3.20a	2.77	2.16	1.73	1.41	1.15		
5.00		3.14a	3.37a	2.71	2.11	1.70	1.39	1.15	0.93	
4.50		3.86a	3.49	2.62	2.05	1.66	1.37	1.14	0.94	
4.00			3.32	2.51	1.98	1.61	1.33	1.12	0.92	
3.50			3.11	2.38	1.90	1.55	1.29	1.09	0.90	0.68
3.00				2.25	1.81	1.49	1.25	1.06	0.87	0.66
2.50				2.12	1.72	1.43	1.20	1.02	0.83	0.64
2.00				2.01	1.64	1.37	1.16	0.99	0.80	0.62
1.50				1.93	1.58	1.32	1.12	0.96	0.76	0.60
1.00				1.87	1.53	1.28	1.09	0.92	0.73	0.58
0.50				1.83	1.49	1.25	1.06	0.89	0.71	0.57
0.00			2.36	1.81	1.47	1.23	1.04	0.87	0.70	0.56
-0.50		3.22a	2.36	1.80	1.46	1.21	1.03	0.86	0.69	
-1.00		3.40	2.37	1.81	1.45	1.21	1.03	0.85	0.70	
-1.50		3.43	2.40	1.82	1.46	1.21	1.04	0.87		
-2.00		3.48	2.43	1.85	1.48	1.23	1.05	0.90		
-2.50		3.54	2.47	1.88	1.51	1.26	1.08			
-3.00		3.63	2.54	1.93	1.55	1.31				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

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

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		2.70								
7.50			2.08	1.58						
7.00			2.13	1.64	1.28					
6.50			2.14	1.66	1.31	1.04				
6.00			2.13	1.65	1.31	1.05	0.78			
5.50			2.08	1.62	1.29	1.04	0.78	0.53		
5.00		2.69	2.01	1.57	1.25	1.02	0.76	0.53	0.32	
4.50		2.54	1.91	1.50	1.21	0.98	0.73	0.51	0.33	
4.00			1.79	1.42	1.15	0.93	0.68	0.48	0.31	
3.50			1.63	1.32	1.08	0.85	0.63	0.45	0.29	0.15
3.00				1.21	1.01	0.77	0.57	0.40	0.26	0.13
2.50				1.11	0.92	0.70	0.51	0.36	0.23	0.11
2.00				1.03	0.82	0.62	0.46	0.32	0.20	0.09
1.50				0.96	0.74	0.56	0.41	0.28	0.17	0.07
1.00				0.89	0.68	0.51	0.37	0.25	0.14	0.06
0.50				0.85	0.63	0.47	0.33	0.22	0.12	0.04
0.00			1.08	0.82	0.60	0.44	0.31	0.20	0.11	0.04
-0.50		1.43	1.08	0.81	0.59	0.42	0.29	0.19	0.11	
-1.00		1.45	1.09	0.82	0.59	0.42	0.29	0.19	0.11	
-1.50		1.47	1.11	0.83	0.60	0.43	0.30	0.20		
-2.00		1.50	1.13	0.86	0.62	0.45	0.32	0.23		
-2.50		1.55	1.17	0.90	0.66	0.48	0.36			
-3.00		1.60	1.21	0.96	0.71	0.54				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>2c</b> 	<b>RAIL</b>	0 to 50mm CANT @ 66% of tipping load
	<b>SECTOR</b>	±45° OVER OSCILLATING AXLE (Rear)
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.58a	2.96						
7.00			3.50a	3.03	2.42					
6.50			3.34a	3.05	2.45	2.00				
6.00			3.22a	3.04	2.45	2.01	1.67			
5.50			3.20a	3.01	2.43	2.00	1.68	1.41		
5.00		3.14a	3.37a	2.95	2.39	1.98	1.66	1.41	1.19	
4.50		3.86a	3.67	2.88	2.33	1.94	1.64	1.40	1.20	
4.00			3.52	2.78	2.27	1.89	1.61	1.38	1.19	
3.50			3.35	2.67	2.19	1.84	1.57	1.35	1.17	1.01
3.00				2.55	2.12	1.79	1.53	1.32	1.15	1.00
2.50				2.44	2.04	1.73	1.49	1.29	1.13	0.99
2.00				2.35	1.97	1.68	1.45	1.26	1.11	0.98
1.50				2.28	1.91	1.63	1.41	1.24	1.09	0.96
1.00				2.23	1.86	1.59	1.38	1.21	1.07	0.94
0.50				2.19	1.83	1.57	1.36	1.19	1.06	0.93
0.00			2.72	2.18	1.81	1.55	1.34	1.18	1.05	0.92
-0.50		3.22a	2.72	2.17	1.80	1.54	1.33	1.17	1.04	
-1.00		3.65	2.73	2.17	1.80	1.53	1.33	1.17	1.05	
-1.50		3.68	2.75	2.19	1.81	1.54	1.33	1.18		
-2.00		3.71	2.78	2.21	1.82	1.55	1.35	1.20		
-2.50		3.76	2.82	2.24	1.85	1.58	1.38			
-3.00		3.83	2.87	2.28	1.89	1.62				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

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

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		2.58								
7.50			2.10	1.67						
7.00			2.14	1.72	1.40					
6.50			2.15	1.73	1.42	1.17				
6.00			2.13	1.73	1.42	1.18	0.98			
5.50			2.10	1.70	1.41	1.17	0.99	0.75		
5.00		2.57	2.04	1.66	1.38	1.15	0.98	0.75	0.54	
4.50		2.45	1.96	1.60	1.33	1.12	0.95	0.73	0.54	
4.00			1.85	1.53	1.28	1.09	0.91	0.71	0.53	
3.50			1.73	1.44	1.22	1.04	0.86	0.67	0.51	0.36
3.00				1.36	1.16	1.00	0.81	0.63	0.48	0.35
2.50				1.27	1.10	0.94	0.76	0.60	0.46	0.33
2.00				1.20	1.04	0.88	0.71	0.56	0.43	0.31
1.50				1.15	1.00	0.82	0.66	0.52	0.40	0.30
1.00				1.11	0.96	0.78	0.62	0.49	0.38	0.28
0.50				1.08	0.92	0.74	0.59	0.47	0.36	0.27
0.00			1.27	1.07	0.89	0.72	0.57	0.45	0.35	0.26
-0.50		1.59	1.28	1.07	0.88	0.70	0.56	0.44	0.34	
-1.00		1.60	1.28	1.07	0.88	0.70	0.56	0.44	0.35	
-1.50		1.62	1.30	1.08	0.89	0.71	0.56	0.45		
-2.00		1.64	1.32	1.09	0.91	0.72	0.58	0.48		
-2.50		1.68	1.34	1.12	0.94	0.75	0.62			
-3.00		1.72	1.38	1.15	0.98	0.81				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	8 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>3a</b> 	<b>RAIL</b>	50 to 150mm CANT @ 66% of tipping load
	<b>SECTOR</b>	±45° OVER FIXED AXLE (Front)
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.58a	2.99						
7.00			3.50a	3.07	2.36					
6.50			3.34a	3.10	2.40	1.90				
6.00			3.22a	3.08	2.40	1.91	1.55			
5.50			3.20a	3.04	2.37	1.90	1.56	1.28		
5.00		3.14a	3.37a	2.98	2.33	1.88	1.54	1.28	1.06	
4.50		3.86a	3.86	2.89	2.27	1.83	1.52	1.27	1.06	
4.00			3.69	2.78	2.19	1.78	1.48	1.24	1.05	
3.50			3.47	2.65	2.11	1.72	1.44	1.21	1.03	0.83
3.00				2.51	2.02	1.66	1.39	1.18	1.01	0.81
2.50				2.38	1.93	1.60	1.35	1.15	0.99	0.79
2.00				2.27	1.85	1.54	1.30	1.12	0.96	0.77
1.50				2.18	1.78	1.49	1.26	1.09	0.93	0.75
1.00				2.12	1.73	1.45	1.23	1.06	0.90	0.73
0.50				2.09	1.69	1.41	1.21	1.04	0.88	0.71
0.00			2.70	2.07	1.67	1.39	1.19	1.03	0.86	0.71
-0.50		3.22a	2.70	2.06	1.66	1.38	1.18	1.02	0.86	
-1.00		3.92	2.72	2.06	1.66	1.38	1.17	1.02	0.86	
-1.50		3.96	2.74	2.08	1.66	1.38	1.18	1.03		
-2.00		4.01	2.77	2.10	1.68	1.40	1.19	1.05		
-2.50		4.07	2.82	2.14	1.71	1.43	1.23			
-3.00		4.16	2.88	2.19	1.76	1.47				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	9 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>3a</b> 	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±45° OVER FIXED AXLE (Front)
	OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		2.27								
7.50			1.82	1.41						
7.00			1.86	1.47	1.17					
6.50			1.87	1.48	1.19	0.96				
6.00			1.86	1.47	1.19	0.97	0.70			
5.50			1.82	1.45	1.17	0.96	0.70	0.48		
5.00		2.26	1.76	1.40	1.14	0.93	0.68	0.48	0.28	
4.50		2.14	1.67	1.34	1.10	0.88	0.65	0.46	0.29	
4.00			1.56	1.27	1.05	0.82	0.61	0.43	0.28	
3.50			1.43	1.18	0.99	0.76	0.56	0.40	0.25	0.12
3.00				1.09	0.90	0.68	0.51	0.36	0.23	0.11
2.50				1.00	0.80	0.61	0.45	0.32	0.20	0.09
2.00				0.90	0.71	0.55	0.40	0.28	0.17	0.07
1.50				0.82	0.64	0.49	0.36	0.24	0.14	0.05
1.00				0.76	0.58	0.44	0.32	0.21	0.12	0.04
0.50				0.72	0.54	0.40	0.29	0.19	0.10	0.03
0.00			0.95	0.70	0.52	0.38	0.27	0.17	0.09	0.02
-0.50		1.22	0.95	0.69	0.51	0.37	0.25	0.16	0.08	
-1.00		1.24	0.96	0.70	0.51	0.36	0.25	0.16	0.09	
-1.50		1.25	0.98	0.71	0.51	0.37	0.26	0.17		
-2.00		1.28	1.00	0.73	0.53	0.39	0.27	0.20		
-2.50		1.32	1.03	0.77	0.57	0.42	0.31			
-3.00		1.36	1.07	0.82	0.62	0.47				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	10 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>3b</b> 	<b>RAIL</b>	50 to 150mm CANT @ 66% of tipping load
	<b>SECTOR</b>	±45° to ±135°
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			2.95	2.09						
7.00			3.01	2.17	1.63					
6.50			3.03	2.20	1.66	1.28				
6.00			3.01	2.18	1.66	1.29	1.01			
5.50			2.94	2.14	1.63	1.28	1.02	0.72		
5.00		3.14a	2.85	2.08	1.59	1.25	1.00	0.72	0.46	
4.50		3.86a	2.71	1.99	1.53	1.21	0.97	0.70	0.46	
4.00			2.53	1.88	1.46	1.16	0.92	0.66	0.45	
3.50			2.32	1.75	1.37	1.10	0.86	0.62	0.42	0.25
3.00				1.61	1.28	1.04	0.79	0.57	0.39	0.23
2.50				1.48	1.19	0.97	0.72	0.52	0.35	0.21
2.00				1.37	1.11	0.89	0.66	0.47	0.32	0.18
1.50				1.28	1.04	0.81	0.60	0.43	0.28	0.16
1.00				1.22	0.99	0.75	0.55	0.39	0.25	0.14
0.50				1.19	0.95	0.70	0.51	0.36	0.23	0.13
0.00			1.54	1.17	0.91	0.66	0.48	0.33	0.22	0.12
-0.50		2.28	1.54	1.16	0.89	0.65	0.46	0.32	0.21	
-1.00		2.30	1.56	1.16	0.89	0.64	0.46	0.32	0.22	
-1.50		2.34	1.58	1.18	0.90	0.65	0.47	0.33		
-2.00		2.38	1.61	1.20	0.93	0.67	0.49	0.37		
-2.50		2.45	1.66	1.24	0.97	0.71	0.54			
-3.00		2.53	1.72	1.29	1.02	0.79				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

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

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		2.13								
7.50			1.65	1.23						
7.00			1.70	1.29	0.99					
6.50			1.71	1.31	1.01	0.69				
6.00			1.69	1.30	1.01	0.71	0.44			
5.50			1.65	1.27	0.99	0.69	0.44	0.23		
5.00		2.12	1.58	1.22	0.95	0.66	0.42	0.23	0.05	
4.50		1.98	1.48	1.15	0.88	0.61	0.39	0.21	0.06	
4.00			1.36	1.07	0.79	0.54	0.35	0.18	0.04	
3.50			1.21	0.97	0.69	0.47	0.29	0.15	0.02	
3.00				0.82	0.58	0.39	0.24	0.10		
2.50				0.67	0.48	0.32	0.18	0.06		
2.00				0.54	0.39	0.25	0.13	0.02		
1.50				0.45	0.31	0.18	0.08			
1.00				0.38	0.24	0.13	0.03			
0.50				0.34	0.20	0.09	0.00			
0.00			0.52	0.32	0.17	0.07				
-0.50		0.89	0.52	0.31	0.16	0.05				
-1.00		0.91	0.54	0.31	0.16	0.05				
-1.50		0.94	0.56	0.33	0.17	0.05				
-2.00		0.98	0.60	0.35	0.19	0.07				
-2.50		1.02	0.65	0.40	0.22	0.11	0.03			
-3.00		1.07	0.72	0.45	0.28	0.17				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	12 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>3c</b> 	<b>RAIL</b>	50 to 150mm CANT @ 66% of tipping load
	<b>SECTOR</b>	±45° OVER OSCILLATING AXLE (Rear)
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.14	2.22						
7.00			3.21	2.30	1.72					
6.50			3.22	2.33	1.76	1.35				
6.00			3.20	2.31	1.76	1.37	1.08			
5.50			3.14	2.27	1.73	1.36	1.08	0.80		
5.00		3.14a	3.04	2.21	1.69	1.33	1.06	0.80	0.52	
4.50		3.86a	2.89	2.12	1.63	1.29	1.04	0.78	0.53	
4.00			2.71	2.00	1.55	1.23	1.00	0.74	0.51	
3.50			2.49	1.87	1.46	1.17	0.95	0.70	0.49	0.31
3.00				1.73	1.37	1.11	0.88	0.65	0.45	0.29
2.50				1.60	1.28	1.05	0.81	0.60	0.42	0.27
2.00				1.48	1.20	0.99	0.75	0.55	0.38	0.24
1.50				1.39	1.13	0.91	0.69	0.50	0.35	0.22
1.00				1.33	1.08	0.85	0.63	0.46	0.32	0.20
0.50				1.29	1.04	0.80	0.59	0.43	0.30	0.19
0.00			1.69	1.27	1.02	0.77	0.57	0.41	0.28	0.18
-0.50		2.52	1.69	1.27	1.00	0.75	0.55	0.40	0.28	
-1.00		2.55	1.71	1.27	1.00	0.74	0.54	0.39	0.28	
-1.50		2.58	1.73	1.28	1.01	0.75	0.55	0.41		
-2.00		2.63	1.77	1.31	1.03	0.78	0.58	0.44		
-2.50		2.70	1.82	1.35	1.06	0.82	0.63			
-3.00		2.79	1.88	1.40	1.11	0.89				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	13 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>3c</b> 	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±45° OVER OSCILLATING AXLE (Rear)
	OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			2.73	1.78						
7.00			2.82	1.87	1.31					
6.50			2.83	1.90	1.35	0.97				
6.00			2.80	1.88	1.34	0.99	0.60			
5.50			2.73	1.84	1.32	0.97	0.60	0.31		
5.00		3.14a	2.60	1.76	1.27	0.93	0.58	0.31	0.07	
4.50		3.86a	2.43	1.65	1.20	0.86	0.53	0.29	0.08	
4.00			2.21	1.52	1.11	0.77	0.47	0.25	0.06	
3.50			1.94	1.37	1.01	0.67	0.40	0.20	0.03	
3.00				1.21	0.88	0.56	0.33	0.15		
2.50				1.05	0.72	0.46	0.25	0.09		
2.00				0.89	0.59	0.36	0.18	0.04		
1.50				0.74	0.47	0.27	0.12			
1.00				0.63	0.38	0.20	0.06			
0.50				0.56	0.32	0.15	0.02			
0.00			0.97	0.53	0.28	0.11				
-0.50		1.68	0.98	0.51	0.25	0.09				
-1.00		1.71	0.99	0.52	0.25	0.08				
-1.50		1.76	1.02	0.55	0.27	0.09				
-2.00		1.83	1.07	0.59	0.30	0.12				
-2.50		1.92	1.12	0.65	0.35	0.16	0.05			
-3.00		2.04	1.20	0.75	0.43	0.25				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	14 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>4a</b> 	<b>ROAD</b>	LEVEL ROAD @ 71% of tipping load
	<b>SECTOR</b>	360° Free On Wheels
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00										
7.50		3.80a	3.37a							
7.00			3.57a	3.37a	2.61a					
6.50			3.42a	3.43a	3.30a	2.72a				
6.00			3.27a	3.37a	3.38a	3.23a	2.58a			
5.50			3.20a	3.34a	3.42a	3.39a	3.15a	2.16a		
5.00		3.03a	3.26a	3.42a	3.52a	3.53a	3.22	2.74		
4.50		3.37a	3.58a	3.71a	3.76a	3.75a	3.19	2.73	2.36	
4.00		4.98a	4.62a	4.43a	4.28a	3.74	3.16	2.71	2.35	
3.50			5.00	5.00	4.43	3.67	3.11	2.68	2.34	1.95a
3.00				5.00	4.33	3.60	3.06	2.65	2.31	2.03
2.50				5.00	4.23	3.53	3.01	2.61	2.29	2.02
2.00				5.00	4.13	3.46	2.96	2.57	2.26	2.00
1.50				4.95	4.04	3.40	2.91	2.54	2.23	1.98
1.00				4.87	3.98	3.35	2.87	2.51	2.21	1.97
0.50				4.82	3.93	3.30	2.84	2.48	2.19	1.96
0.00			3.53a	4.78	3.89	3.27	2.81	2.46	2.18	1.95
-0.50			4.48a	4.77	3.87	3.25	2.80	2.45	2.17	
-1.00		3.80a	5.00	4.77	3.87	3.24	2.79	2.44	2.17	
-1.50		5.00	5.00	4.78	3.87	3.25	2.79	2.44	2.18	
-2.00		5.00	5.00	4.80	3.88	3.26	2.80	2.46		
-2.50		5.00	5.00	4.83	3.91	3.28	2.83			
-3.00		5.00	5.00	4.88	3.95	3.32	2.88			

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	15 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>4a</b> 	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	360° Free On Wheels
	OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00										
7.50		3.80a	3.37a							
7.00			3.57a	3.37a	2.61a					
6.50			3.42a	3.43a	3.30a	2.72a				
6.00			3.27a	3.37a	3.38a	3.23a	2.58a			
5.50			3.20a	3.34a	3.42a	3.39a	3.15a	2.16a		
5.00		3.03a	3.26a	3.42a	3.52a	3.53a	3.22	2.74		
4.50		3.37a	3.58a	3.71a	3.76a	3.75a	3.19	2.73	2.36	
4.00		4.98a	4.62a	4.43a	4.28a	3.74	3.16	2.71	2.35	
3.50			5.00	5.00	4.43	3.67	3.11	2.68	2.34	1.95a
3.00				5.00	4.33	3.60	3.06	2.65	2.31	2.03
2.50				5.00	4.23	3.53	3.01	2.61	2.29	2.02
2.00				5.00	4.13	3.46	2.96	2.57	2.26	2.00
1.50				4.95	4.04	3.40	2.91	2.54	2.23	1.98
1.00				4.87	3.98	3.35	2.87	2.51	2.21	1.97
0.50				4.82	3.93	3.30	2.84	2.48	2.19	1.96
0.00			3.53a	4.78	3.89	3.27	2.81	2.46	2.18	1.95
-0.50			4.48a	4.77	3.87	3.25	2.80	2.45	2.17	
-1.00		3.80a	5.00	4.77	3.87	3.24	2.79	2.44	2.17	
-1.50		5.00	5.00	4.78	3.87	3.25	2.79	2.44	2.18	
-2.00		5.00	5.00	4.80	3.88	3.26	2.80	2.46		
-2.50		5.00	5.00	4.83	3.91	3.28	2.83			
-3.00		5.00	5.00	4.88	3.95	3.32	2.88			

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	16 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>5a</b> 	<b>RAIL</b>	0 to 50mm CANT @ 75% of tipping load
	<b>SECTOR</b>	±45° OVER FIXED AXLE (Front)
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.58a	3.07a						
7.00			3.50a	3.44a	3.13a					
6.50			3.34a	3.40a	3.36a	3.07a				
6.00			3.22a	3.34a	3.40a	3.32a	2.72			
5.50			3.20a	3.36a	3.46a	3.33	2.72	2.26		
5.00		3.14a	3.37a	3.53a	3.62a	3.29	2.70	2.26	1.89	
4.50		3.86a	3.95a	3.98a	3.98a	3.24	2.67	2.24	1.90	
4.00			5.00	5.00	3.95	3.17	2.62	2.21	1.89	
3.50			5.00	4.94	3.83	3.10	2.57	2.18	1.86	1.60
3.00				4.76	3.72	3.02	2.52	2.14	1.84	1.59
2.50				4.58	3.60	2.94	2.46	2.09	1.81	1.57
2.00				4.43	3.50	2.86	2.40	2.06	1.78	1.55
1.50				4.32	3.41	2.80	2.36	2.02	1.75	1.54
1.00				4.24	3.34	2.74	2.31	1.99	1.73	1.52
0.50				4.19	3.29	2.70	2.28	1.96	1.71	1.51
0.00			3.98a	4.16	3.26	2.68	2.26	1.94	1.70	1.51
-0.50		3.22a	5.00	4.15	3.25	2.66	2.24	1.93	1.69	
-1.00		4.40a	5.00	4.15	3.25	2.66	2.24	1.93	1.70	
-1.50		5.00	5.00	4.17	3.26	2.66	2.25	1.94		
-2.00		5.00	5.00	4.21	3.28	2.68	2.27	1.97		
-2.50		5.00	5.00	4.25	3.32	2.72	2.31			
-3.00		5.00	5.00	4.32	3.38	2.78				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	17 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>5a</b> 	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±45° OVER FIXED AXLE (Front)
	OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.13	2.41						
7.00			3.18	2.48	1.98					
6.50			3.20	2.50	2.01	1.63				
6.00			3.18	2.49	2.01	1.64	1.36			
5.50			3.13	2.46	1.99	1.63	1.36	1.13		
5.00		3.14a	3.04	2.40	1.95	1.61	1.34	1.13	0.94	
4.50		3.85	2.93	2.32	1.89	1.57	1.32	1.11	0.94	
4.00			2.78	2.22	1.82	1.52	1.28	1.09	0.93	
3.50			2.60	2.11	1.74	1.46	1.24	1.06	0.91	0.78
3.00				1.99	1.66	1.40	1.20	1.03	0.89	0.77
2.50				1.87	1.58	1.34	1.16	1.00	0.87	0.75
2.00				1.77	1.50	1.29	1.11	0.97	0.84	0.74
1.50				1.70	1.44	1.24	1.08	0.94	0.82	0.72
1.00				1.65	1.40	1.20	1.04	0.91	0.80	0.71
0.50				1.61	1.36	1.17	1.02	0.89	0.79	0.70
0.00			1.96	1.60	1.34	1.15	1.00	0.88	0.78	0.70
-0.50		2.57	1.96	1.59	1.33	1.14	0.99	0.87	0.77	
-1.00		2.59	1.98	1.59	1.33	1.13	0.99	0.87	0.78	
-1.50		2.61	2.00	1.60	1.34	1.14	0.99	0.88		
-2.00		2.65	2.02	1.63	1.35	1.15	1.01	0.90		
-2.50		2.70	2.06	1.66	1.38	1.18	1.04			
-3.00		2.76	2.11	1.70	1.42	1.23				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	18 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>5b</b> 	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±45° to ±135°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.58a	3.07a						
7.00			3.50a	3.18	2.44					
6.50			3.34a	3.20	2.48	1.96				
6.00			3.22a	3.19	2.48	1.98	1.60			
5.50			3.20a	3.15	2.45	1.96	1.60	1.31		
5.00		3.14a	3.37a	3.07	2.40	1.93	1.58	1.31	1.08	
4.50		3.86a	3.95a	2.97	2.33	1.89	1.55	1.29	1.08	
4.00			3.77	2.85	2.25	1.83	1.51	1.27	1.07	
3.50			3.53	2.70	2.15	1.76	1.47	1.24	1.05	0.89
3.00				2.55	2.05	1.69	1.42	1.20	1.02	0.87
2.50				2.41	1.95	1.62	1.37	1.16	1.00	0.86
2.00				2.28	1.87	1.56	1.32	1.13	0.97	0.84
1.50				2.19	1.79	1.50	1.27	1.09	0.95	0.82
1.00				2.12	1.73	1.45	1.24	1.07	0.93	0.81
0.50				2.08	1.69	1.42	1.21	1.04	0.91	0.80
0.00			2.67	2.06	1.67	1.39	1.19	1.03	0.90	0.79
-0.50		3.22a	2.68	2.05	1.65	1.38	1.17	1.02	0.89	
-1.00		3.86	2.69	2.05	1.65	1.37	1.17	1.02	0.90	
-1.50		3.90	2.72	2.07	1.66	1.38	1.18	1.02		
-2.00		3.95	2.76	2.10	1.68	1.40	1.19	1.05		
-2.50		4.02	2.81	2.14	1.71	1.43	1.23			
-3.00		4.12	2.88	2.19	1.77	1.48				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	19 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>5b</b> 	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±45° to ±135°
	OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.06								
7.50			2.37	1.80						
7.00			2.42	1.86	1.46					
6.50			2.44	1.88	1.49	1.18				
6.00			2.42	1.87	1.49	1.19	0.96			
5.50			2.37	1.84	1.46	1.18	0.96	0.77		
5.00		3.05	2.29	1.78	1.42	1.16	0.95	0.77	0.61	
4.50		2.88	2.17	1.70	1.37	1.12	0.92	0.76	0.62	
4.00			2.03	1.61	1.30	1.07	0.89	0.74	0.61	
3.50			1.86	1.49	1.22	1.01	0.85	0.71	0.59	0.48
3.00				1.38	1.14	0.96	0.80	0.68	0.57	0.47
2.50				1.26	1.06	0.90	0.76	0.64	0.55	0.46
2.00				1.17	0.99	0.84	0.72	0.61	0.52	0.44
1.50				1.09	0.93	0.79	0.68	0.58	0.50	0.43
1.00				1.04	0.88	0.75	0.65	0.56	0.48	0.42
0.50				1.01	0.85	0.72	0.62	0.54	0.47	0.41
0.00			1.23	0.99	0.83	0.70	0.61	0.53	0.46	0.40
-0.50		1.63	1.23	0.98	0.82	0.69	0.60	0.52	0.45	
-1.00		1.65	1.24	0.99	0.82	0.69	0.59	0.52	0.46	
-1.50		1.67	1.26	1.00	0.82	0.69	0.60	0.52		
-2.00		1.71	1.29	1.02	0.84	0.71	0.61	0.55		
-2.50		1.75	1.33	1.05	0.87	0.73	0.64			
-3.00		1.82	1.38	1.10	0.91	0.78				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	20 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>5c</b> 	<b>RAIL</b>	0 to 50mm CANT @ 75% of tipping load
	<b>SECTOR</b>	±45° OVER OSCILLATING AXLE (Rear)
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.58a	3.07a						
7.00			3.50a	3.44a	2.75					
6.50			3.34a	3.40a	2.78	2.27				
6.00			3.22a	3.34a	2.78	2.29	1.90			
5.50			3.20a	3.36a	2.76	2.28	1.91	1.60		
5.00		3.14a	3.37a	3.36	2.71	2.25	1.89	1.60	1.36	
4.50		3.86a	3.95a	3.27	2.65	2.21	1.86	1.59	1.36	
4.00			4.00	3.16	2.58	2.15	1.83	1.57	1.35	
3.50			3.81	3.04	2.49	2.09	1.78	1.54	1.33	1.15
3.00				2.90	2.40	2.03	1.74	1.50	1.31	1.14
2.50				2.78	2.32	1.97	1.69	1.47	1.28	1.13
2.00				2.67	2.24	1.91	1.65	1.43	1.26	1.11
1.50				2.59	2.17	1.85	1.61	1.40	1.24	1.10
1.00				2.53	2.12	1.81	1.57	1.38	1.22	1.08
0.50				2.49	2.08	1.78	1.54	1.36	1.20	1.07
0.00			3.09	2.47	2.06	1.76	1.53	1.34	1.19	1.07
-0.50		3.22a	3.09	2.47	2.05	1.74	1.51	1.33	1.19	
-1.00		4.15	3.10	2.47	2.05	1.74	1.51	1.33	1.19	
-1.50		4.18	3.13	2.48	2.05	1.75	1.52	1.34		
-2.00		4.22	3.16	2.51	2.07	1.76	1.53	1.36		
-2.50		4.28	3.20	2.54	2.10	1.79	1.57			
-3.00		4.35	3.26	2.59	2.15	1.84				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	21 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>5c</b> 	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±45° OVER OSCILLATING AXLE (Rear)
	OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		2.93								
7.50			2.38	1.89						
7.00			2.43	1.95	1.59					
6.50			2.44	1.97	1.62	1.33				
6.00			2.42	1.96	1.61	1.34	1.12			
5.50			2.38	1.93	1.60	1.33	1.12	0.94		
5.00		2.92	2.31	1.88	1.56	1.31	1.11	0.94	0.78	
4.50		2.79	2.22	1.82	1.51	1.28	1.08	0.92	0.78	
4.00			2.10	1.74	1.46	1.23	1.05	0.90	0.77	
3.50			1.96	1.64	1.39	1.19	1.02	0.88	0.76	0.65
3.00				1.54	1.32	1.13	0.98	0.85	0.74	0.64
2.50				1.45	1.25	1.08	0.94	0.82	0.72	0.62
2.00				1.36	1.19	1.03	0.90	0.79	0.70	0.61
1.50				1.30	1.13	0.99	0.87	0.77	0.68	0.60
1.00				1.26	1.09	0.96	0.84	0.74	0.66	0.58
0.50				1.23	1.06	0.93	0.82	0.73	0.65	0.58
0.00			1.45	1.21	1.05	0.91	0.80	0.71	0.64	0.57
-0.50		1.80	1.45	1.21	1.04	0.90	0.79	0.71	0.63	
-1.00		1.82	1.46	1.21	1.03	0.90	0.79	0.71	0.64	
-1.50		1.84	1.47	1.22	1.04	0.90	0.80	0.71		
-2.00		1.87	1.50	1.24	1.06	0.92	0.81	0.73		
-2.50		1.90	1.53	1.27	1.08	0.94	0.84			
-3.00		1.95	1.57	1.30	1.12	0.98				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
<b>PAGE</b>	22 of 28


# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>6a</b> 	<b>RAIL</b>	50 to 150mm CANT @ 75% of tipping load
	<b>SECTOR</b>	±45° OVER FIXED AXLE (Front)
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.58a	3.07a						
7.00			3.50a	3.44a	2.68					
6.50			3.34a	3.40a	2.72	2.16				
6.00			3.22a	3.34a	2.72	2.18	1.76			
5.50			3.20a	3.36a	2.69	2.16	1.77	1.45		
5.00		3.14a	3.37a	3.38	2.64	2.13	1.75	1.45	1.20	
4.50		3.86a	3.95a	3.28	2.58	2.08	1.72	1.44	1.21	
4.00			4.19	3.16	2.49	2.03	1.68	1.41	1.19	
3.50			3.95	3.01	2.39	1.96	1.63	1.38	1.17	1.00
3.00				2.85	2.29	1.89	1.58	1.34	1.15	0.99
2.50				2.70	2.19	1.82	1.53	1.31	1.12	0.97
2.00				2.58	2.10	1.75	1.48	1.27	1.10	0.95
1.50				2.48	2.02	1.69	1.44	1.24	1.07	0.94
1.00				2.41	1.96	1.64	1.40	1.21	1.05	0.92
0.50				2.37	1.92	1.61	1.37	1.18	1.03	0.91
0.00			3.06	2.35	1.90	1.58	1.35	1.17	1.02	0.91
-0.50		3.22a	3.07	2.34	1.88	1.57	1.34	1.16	1.02	
-1.00		4.40a	3.08	2.34	1.88	1.56	1.33	1.16	1.02	
-1.50		4.50	3.11	2.36	1.89	1.57	1.34	1.17		
-2.00		4.55	3.15	2.39	1.91	1.59	1.36	1.19		
-2.50		4.62	3.20	2.43	1.94	1.62	1.39			
-3.00		4.72	3.27	2.49	2.00	1.67				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>6a</b>		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	±45° OVER FIXED AXLE (Front)
		OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		2.58								
7.50			2.07	1.61						
7.00			2.11	1.67	1.33					
6.50			2.12	1.68	1.35	1.09				
6.00			2.11	1.68	1.35	1.10	0.90			
5.50			2.07	1.65	1.33	1.09	0.90	0.73		
5.00		2.57	2.00	1.60	1.30	1.07	0.89	0.73	0.59	
4.50		2.43	1.90	1.53	1.25	1.04	0.86	0.72	0.59	
4.00			1.77	1.44	1.19	0.99	0.83	0.70	0.58	
3.50			1.63	1.34	1.12	0.94	0.79	0.67	0.57	0.47
3.00				1.24	1.05	0.89	0.76	0.64	0.55	0.46
2.50				1.14	0.97	0.83	0.72	0.61	0.52	0.44
2.00				1.05	0.91	0.78	0.68	0.58	0.50	0.43
1.50				0.99	0.85	0.74	0.64	0.56	0.48	0.42
1.00				0.94	0.81	0.71	0.61	0.53	0.46	0.40
0.50				0.91	0.78	0.68	0.59	0.52	0.45	0.40
0.00			1.08	0.90	0.76	0.66	0.57	0.50	0.44	0.39
-0.50		1.39	1.09	0.89	0.75	0.65	0.56	0.49	0.44	
-1.00		1.40	1.10	0.90	0.75	0.65	0.56	0.49	0.44	
-1.50		1.42	1.11	0.91	0.76	0.65	0.57	0.50		
-2.00		1.45	1.14	0.92	0.77	0.66	0.58	0.52		
-2.50		1.49	1.17	0.95	0.80	0.69	0.61			
-3.00		1.54	1.21	0.99	0.84	0.73				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>6b</b> 	<b>RAIL</b>	50 to 150mm CANT @ 75% of tipping load
	<b>SECTOR</b>	±45° to ±135°
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.35	2.38						
7.00			3.42	2.47	1.85					
6.50			3.34a	2.49	1.88	1.45				
6.00			3.22a	2.48	1.88	1.47	1.15			
5.50			3.20a	2.44	1.86	1.45	1.15	0.91		
5.00		3.14a	3.23	2.36	1.81	1.42	1.14	0.91	0.72	
4.50		3.86a	3.07	2.26	1.74	1.38	1.11	0.90	0.72	
4.00			2.87	2.13	1.65	1.32	1.07	0.87	0.71	
3.50			2.63	1.98	1.56	1.25	1.02	0.84	0.69	0.56
3.00				1.83	1.45	1.18	0.97	0.80	0.66	0.55
2.50				1.68	1.35	1.11	0.92	0.76	0.64	0.53
2.00				1.55	1.26	1.04	0.87	0.73	0.61	0.51
1.50				1.46	1.18	0.98	0.82	0.69	0.59	0.50
1.00				1.39	1.13	0.93	0.78	0.66	0.57	0.48
0.50				1.35	1.08	0.90	0.75	0.64	0.55	0.47
0.00			1.75	1.32	1.06	0.87	0.73	0.62	0.54	0.47
-0.50		2.58	1.75	1.32	1.04	0.86	0.72	0.62	0.53	
-1.00		2.61	1.77	1.32	1.04	0.85	0.72	0.61	0.54	
-1.50		2.65	1.79	1.34	1.05	0.86	0.72	0.62		
-2.00		2.71	1.83	1.36	1.07	0.88	0.74	0.65		
-2.50		2.78	1.89	1.40	1.11	0.91	0.78			
-3.00		2.88	1.96	1.46	1.16	0.97				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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# CRAWLERAILER

by REXQUOTE

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

PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>6b</b>		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	±45° to ±135°
		OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		2.42								
7.50			1.87	1.40						
7.00			1.93	1.46	1.12					
6.50			1.94	1.48	1.15	0.89				
6.00			1.92	1.47	1.15	0.90	0.70			
5.50			1.87	1.44	1.13	0.89	0.71	0.55		
5.00		2.41	1.80	1.38	1.09	0.87	0.69	0.55	0.41	
4.50		2.25	1.69	1.31	1.04	0.83	0.67	0.53	0.42	
4.00			1.54	1.21	0.97	0.78	0.63	0.51	0.41	
3.50			1.38	1.10	0.89	0.73	0.59	0.48	0.39	0.30
3.00				0.99	0.81	0.67	0.55	0.45	0.37	0.29
2.50				0.88	0.73	0.61	0.51	0.42	0.34	0.27
2.00				0.78	0.66	0.56	0.47	0.39	0.32	0.26
1.50				0.71	0.60	0.51	0.43	0.36	0.30	0.25
1.00				0.66	0.56	0.47	0.40	0.34	0.28	0.23
0.50				0.63	0.53	0.44	0.38	0.32	0.27	0.22
0.00			0.76	0.61	0.50	0.42	0.36	0.30	0.26	0.22
-0.50		1.04	0.77	0.60	0.49	0.41	0.35	0.30	0.25	
-1.00		1.06	0.78	0.61	0.49	0.41	0.34	0.29	0.26	
-1.50		1.08	0.80	0.62	0.50	0.41	0.35	0.30		
-2.00		1.12	0.82	0.64	0.52	0.43	0.36	0.32		
-2.50		1.16	0.86	0.67	0.54	0.45	0.40			
-3.00		1.22	0.91	0.71	0.58	0.50				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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# CRAWLERAILER

by REXQUOTE

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PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>6c</b> 	<b>RAIL</b>	50 to 150mm CANT @ 675% of tipping load
	<b>SECTOR</b>	±45° OVER OSCILLATING AXLE (Rear)
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.57	2.53						
7.00			3.50a	2.62	1.96					
6.50			3.34a	2.64	2.00	1.54				
6.00			3.22a	2.63	1.99	1.55	1.22			
5.50			3.20a	2.58	1.97	1.54	1.22	0.97		
5.00		3.14a	3.37a	2.51	1.92	1.51	1.21	0.97	0.77	
4.50		3.86a	3.29	2.40	1.85	1.46	1.18	0.96	0.77	
4.00			3.08	2.27	1.76	1.40	1.14	0.93	0.76	
3.50			2.83	2.12	1.66	1.33	1.09	0.90	0.74	0.60
3.00				1.96	1.56	1.26	1.04	0.86	0.72	0.59
2.50				1.81	1.45	1.19	0.98	0.82	0.69	0.58
2.00				1.68	1.36	1.12	0.93	0.78	0.66	0.56
1.50				1.58	1.28	1.06	0.89	0.75	0.64	0.54
1.00				1.51	1.22	1.01	0.85	0.72	0.62	0.53
0.50				1.47	1.18	0.98	0.82	0.70	0.60	0.52
0.00			1.92	1.45	1.15	0.95	0.80	0.68	0.59	0.51
-0.50		2.86	1.92	1.44	1.14	0.94	0.79	0.67	0.58	
-1.00		2.89	1.94	1.44	1.14	0.93	0.78	0.67	0.59	
-1.50		2.93	1.97	1.46	1.15	0.94	0.79	0.68		
-2.00		2.99	2.01	1.49	1.17	0.96	0.81	0.71		
-2.50		3.07	2.06	1.53	1.20	0.99	0.84			
-3.00		3.17	2.14	1.59	1.26	1.05				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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# CRAWLERAILER

by REXQUOTE

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PLEASE READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE USING THE EQUIPMENT

MACHINE TYPE	Case CX135 L
SERIAL NUMBER	13U0328
BOGIE NUMBER	1945
EQUIPMENT	4m73, 2m10
DATE	16 September 2004
ISSUE	1

<b>6c</b>		RAIL	50 to 150mm CANT @ 75% of tipping load
		SECTOR	±45° OVER OSCILLATING AXLE (Rear)
		OSC. AXLE	FLOAT (LIFT & CARRY)

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
8.00		3.62a								
7.50			3.10	2.02						
7.00			3.20	2.13	1.48					
6.50			3.22	2.16	1.53	1.11				
6.00			3.19	2.14	1.53	1.12	0.82			
5.50			3.10	2.09	1.50	1.11	0.83	0.61		
5.00		3.14a	2.96	2.00	1.44	1.07	0.81	0.61	0.43	
4.50		3.86a	2.76	1.88	1.36	1.02	0.78	0.59	0.44	
4.00			2.51	1.73	1.26	0.95	0.73	0.56	0.42	
3.50			2.21	1.55	1.15	0.88	0.68	0.52	0.40	0.29
3.00				1.37	1.03	0.80	0.62	0.49	0.37	0.28
2.50				1.19	0.92	0.72	0.56	0.44	0.34	0.26
2.00				1.04	0.81	0.64	0.51	0.40	0.32	0.24
1.50				0.93	0.73	0.58	0.46	0.37	0.29	0.22
1.00				0.85	0.66	0.52	0.42	0.34	0.27	0.21
0.50				0.80	0.61	0.48	0.39	0.31	0.25	0.20
0.00			1.10	0.77	0.58	0.46	0.36	0.29	0.24	0.19
-0.50		1.91	1.11	0.76	0.57	0.44	0.35	0.28	0.23	
-1.00		1.94	1.13	0.77	0.56	0.43	0.35	0.28	0.24	
-1.50		2.00	1.16	0.78	0.57	0.44	0.35	0.29		
-2.00		2.08	1.21	0.82	0.60	0.46	0.37	0.32		
-2.50		2.18	1.28	0.86	0.64	0.50	0.41			
-3.00		2.31	1.37	0.93	0.70	0.56				

<b>NOTES</b>	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 a hydraulically adjustable boom and is therefore capable of reaching the same height and radius with a variety of different angles. Each angle combination has a different SWL. Loads marked 'b' boom and 'a' arm are limited by hydraulic capacity (87% of 355 bar).
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