

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m						2.89a	3.29a	2.96a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.20	4.87	2.91a	1.82a	1.74a
0.0m		9.99	8.13b	7.01	6.08	4.79	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.12	6.90	5.99	4.73	2.48a	2.08a	
-2.0m	3.84a	5.23a	8.07	6.85	5.95	4.70	2.50a	2.20a	
-3.0m	6.26a	8.30a	8.07	6.85	5.94	3.23a	2.70a		
-4.0m	9.35a	12.69	8.14	6.92	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m						2.93a	3.35a	3.29a	2.92a
3.0m						3.33a	3.73a	3.88a	3.70a
2.0m						5.62a	5.40a	4.91a	4.10
1.0m						8.76	7.47b	6.48	5.10
0.0m			13.18b	8.73	7.45	6.47	5.09	4.08	3.36
-1.0m	8.32a	13.4	8.71	7.40	6.40	5.01	4.03	3.33	
-2.0m	9.69a	13.25	8.56	7.27	6.29	4.93	3.97	3.30a	
-3.0m	11.47a	13.11	8.46	7.19	6.22	4.84	3.92		
-4.0m	14.15a	13.05	8.41	7.15	6.15	4.78			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m						2.89a	3.29a	2.96a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m		5.82a	8.94r	7.85r	7.05r	5.30a	2.48a	2.08a	
-2.0m		5.23a	10.36a	9.09r	8.02r	4.73a	2.50a	2.20a	
-3.0m		8.30a	10.16b	8.91b	8.17b	3.23a	2.70a		
-4.0m		13.03a	10.25b	7.93a	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m						2.93a	3.35a	3.29a	2.92a
3.0m						3.33a	3.73a	3.88a	3.70a
2.0m						5.62a	5.40a	4.91a	4.34a
1.0m						9.75b	9.58b	8.91b	6.99a
0.0m			13.18b	11.62b	10.55b	9.39b	7.51	5.88	4.27a
-1.0m			14.43a	12.10b	10.62b	9.46b	7.52	5.86	4.31a
-2.0m			15.85a	12.14b	10.65b	9.48b	7.54	5.81	3.82a
-3.0m			16.90b	12.22b	10.72b	9.55b	7.45	5.74b	
-4.0m			17.11b	12.37b	10.80b	9.39b	6.75a		

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

1b	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL		2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
	10.00			3.38a						
	9.00					3.02a				
	8.00						2.61a			
	7.0m						2.87a	1.86a		
	6.0m						2.94a	2.45a	1.76a	
	5.0m						3.05a	2.53	1.69a	
	4.0m					2.89a	3.10	2.50	1.68a	1.68a
	3.0m				3.26a	3.45a	3.02	2.45	1.67a	1.67a
	2.0m				4.36	3.73	2.94	2.39	1.74a	1.69a
	1.0m			4.96	4.17	3.59	2.85	2.34	1.82a	1.68
	0.0m		7.17	4.69	3.98	3.48	2.78	2.29	1.93	1.66
	-1.0m	4.39a	5.82a	4.49	3.87	3.41	2.72	2.26	1.91	
-2.0m	3.84a	5.23a	4.45	3.83	3.36	2.69	2.23	1.91		
-3.0m	6.26a	6.56	4.44	3.83	3.35	2.69	2.24			
-4.0m	9.35a	6.66	4.51	3.89	3.40	2.74				

UPPER SWL		2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
	10.00			3.42a						
	9.00					3.04a				
	8.00						2.82a			
	7.0m						2.89a	2.54		
	6.0m						2.94a	2.59	2.08	
	5.0m						3.07a	2.60	2.11	
	4.0m					2.93a	3.16	2.59	2.12	1.72
	3.0m				3.33a	3.73a	3.13	2.58	2.12	1.72
	2.0m				4.46	3.90	3.10	2.57	2.10	1.71
	1.0m			5.12	4.42	3.86	3.09	2.55	2.07	1.70
	0.0m		7.47	5.10	4.40	3.85	3.07	2.50	2.03	1.67
	-1.0m	8.32a	7.34	5.02	4.33	3.77	2.99	2.44	1.98	
-2.0m	9.69a	7.13	4.88	4.21	3.68	2.92	2.37	1.94		
-3.0m	11.47a	7.01	4.79	4.14	3.61	2.87	2.31			
-4.0m	12.91	6.97	4.75	4.10	3.57	2.80				

1b	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL		2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
	10.00			3.38a						
	9.00					3.02a				
	8.00						2.61a			
	7.0m						2.87a	1.86a		
	6.0m						2.94a	2.45a	1.76a	
	5.0m						3.05a	2.75a	1.69a	
	4.0m				2.89a	3.29a	2.96a	1.68a	1.68a	
	3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
	2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
	1.0m			8.15b	7.15b	6.20	4.87	2.91a	1.82a	1.74a
	0.0m		10.21a	8.13b	7.01	6.08	4.79	2.92a	1.95a	1.82a
	-1.0m	4.39a	5.82a	8.12	6.90	5.99	4.73	2.48a	2.08a	
-2.0m	3.84a	5.23a	8.07	6.85	5.95	4.70	2.50a	2.20a		
-3.0m	6.26a	8.30a	8.07	6.85	5.94	3.23a	2.70a			
-4.0m	9.35a	12.69	8.14	6.92	4.67a	3.59a				

UPPER SWL		2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
	10.00			3.42a						
	9.00					3.04a				
	8.00						2.82a			
	7.0m						2.89a	2.59a		
	6.0m						2.94a	2.82a	2.27a	
	5.0m						3.07a	3.02a	2.63a	
	4.0m					2.93a	3.35a	3.29a	2.92a	1.90a
	3.0m				3.33a	3.73a	3.88a	3.70a	3.23a	2.26a
	2.0m				5.62a	5.40a	4.91a	4.10	3.40	2.46a
	1.0m			8.76	7.47b	6.48	5.10	4.11	3.39	2.53a
	0.0m		13.18b	8.73	7.45	6.47	5.09	4.08	3.36	2.35a
	-1.0m	8.32a	13.4	8.71	7.4	6.40	5.01	4.03	3.33	
-2.0m	9.69a	13.25	8.56	7.27	6.29	4.93	3.97	3.30a		
-3.0m	11.47a	13.11	8.46	7.19	6.22	4.84	3.92			
-4.0m	14.15a	13.05	8.41	7.15	6.15	4.78				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	2 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87	1.86a		
6.0m						2.87	2.29	1.76a	
5.0m						2.83	2.27	1.69a	
4.0m						2.89a	2.78	2.24	1.68a
3.0m				3.26a	3.45	2.70	2.19	1.67a	1.52
2.0m				3.88	3.31	2.62	2.14	1.74a	1.51
1.0m			4.38	3.69	3.18	2.54	2.08	1.75	1.49
0.0m		6.22	4.12	3.50	3.07	2.46	2.04	1.72	1.48
-1.0m	4.39a	5.78	3.93	3.40	3.00	2.41	2.00	1.70	
-2.0m	3.84a	5.23a	3.88	3.36	2.96	2.38	1.98	1.69	
-3.0m	6.26a	5.64	3.88	3.36	2.95	2.37	1.99		
-4.0m	9.35a	5.74	3.95	3.42	3.00	2.43			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.87a	2.30		
6.0m						2.88	2.34	1.86	
5.0m						2.86	2.34	1.90	
4.0m						2.93a	2.84	2.33	1.91
3.0m				3.33a	3.53	2.81	2.32	1.91	1.54
2.0m				3.97	3.48	2.78	2.31	1.89	1.53
1.0m			4.53	3.93	3.45	2.77	2.29	1.86	1.51
0.0m		6.51	4.51	3.92	3.44	2.75	2.24	1.82	1.49
-1.0m	8.32a	6.38	4.44	3.84	3.36	2.67	2.18	1.77	
-2.0m	9.69a	6.19	4.30	3.73	3.27	2.61	2.11	1.73	
-3.0m	10.76	6.08	4.21	3.66	3.20	2.55	2.05		
-4.0m	10.72	6.03	4.18	3.62	3.17	2.48			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m						2.89a	3.29a	2.96a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.28	3.13a	1.74a	1.69a
1.0m			6.72	5.82	5.14	4.20	2.91a	1.82a	1.74a
0.0m		10.21a	6.48	5.66	5.04	4.13	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	6.32	5.56	4.97	4.08	2.48a	2.08a	
-2.0m	3.84a	5.23a	6.28	5.53	4.94	4.06	2.50a	2.20a	
-3.0m	6.26a	8.30a	6.28	5.53	4.93	3.23a	2.70a		
-4.0m	9.35a	8.72	6.33	5.58	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m						2.93a	3.35a	3.29a	2.92a
3.0m				3.33a	3.73a	3.88a	3.66a	3.11	2.26a
2.0m				5.62a	5.36	4.43	3.69	3.10a	2.46a
1.0m			6.85	6.04	5.38	4.41	3.68	3.09	2.53a
0.0m		9.36	6.83	6.03	5.37	4.40	3.64	3.06a	2.35a
-1.0m	8.32a	9.26	6.77	5.96	5.30	4.32	3.59	3.02	
-2.0m	9.69a	9.09	6.65	5.86	5.21	4.26	3.53	2.99	
-3.0m	11.47a	9.00	6.57	5.79	5.16	4.19	3.48		
-4.0m	14.15a	8.96	6.54	5.76	5.11	4.14			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

1d	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±135° to ±150°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m					2.89a	3.29a	2.96a	1.68a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		9.99	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.94r	7.85r	7.05r	5.30a	2.48a	2.08a	
-2.0m	3.84a	4.96a	10.36a	8.67	7.26	4.73a	2.50a	2.20a	
-3.0m	6.26a	8.30a	10.16b	8.67	7.24	3.23a	2.70a		
-4.0m	9.35a	13.03a	10.25b	7.93a	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m					2.93a	3.35a	3.29a	2.92a	1.90a
3.0m				3.33a	3.73a	3.88a	3.70a	3.23a	2.26a
2.0m				5.62a	5.40a	4.91a	4.34a	3.58a	2.46a
1.0m			9.75b	9.21	7.75	5.84	4.58	3.71	2.53a
0.0m		13.18b	11.24	9.18	7.73	5.86	4.57	3.69	2.35a
-1.0m	8.32a	14.43a	11.25	9.19b	7.75	5.80	4.51	3.66	
-2.0m	9.69a	15.85a	11.31	9.21	7.68	5.71	4.45	3.63	
-3.0m	11.47a	16.90b	11.30	9.10	7.59	5.61	4.40		
-4.0m	14.15a	17.11b	11.24	9.04	7.49	5.55			

1d	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±135° to ±150°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m					2.89a	3.29a	2.96a	1.68a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	6.86	5.90	4.66	2.91a	1.82a	1.74a
0.0m		10.21a	7.88	6.66	5.79	4.58	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	7.67	6.54	5.71	4.52	2.48a	2.08a	
-2.0m	3.84a	5.23a	7.62	6.50	5.66	4.49	2.50a	2.20a	
-3.0m	6.26a	8.30a	7.62	6.50	5.65	3.23a	2.70a		
-4.0m	9.35a	11.79	7.69	6.56	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m					2.93a	3.35a	3.29a	2.92a	1.90a
3.0m				3.33a	3.73a	3.88a	3.70a	3.23a	2.26a
2.0m				5.62a	5.40a	4.83	3.96	3.29	2.46a
1.0m			8.34	7.13	6.20	4.91	3.96	3.27	2.53a
0.0m		12.56	8.31	7.11	6.18	4.89	3.93	3.24	2.35a
-1.0m	8.32a	12.56	8.25	7.03	6.10	4.80	3.87	3.20	
-2.0m	9.69a	12.33	8.10	6.91	6.00	4.73	3.81	3.17	
-3.0m	11.47a	12.19	8.00	6.83	5.93	4.64	3.76		
-4.0m	14.15a	12.14	7.95	6.79	5.87	4.58			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
	PAGE 4 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

1e	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m					2.89a	3.29a	2.96a	1.68a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m		5.82a	8.94r	7.85r	7.05r	5.30a	2.48a	2.08a	
-2.0m		4.96a	10.36a	9.09r	8.02r	4.73a	2.50a	2.20a	
-3.0m		8.30a	10.16b	8.91b	8.17b	3.23a	2.70a		
-4.0m		13.03a	10.25b	7.93a	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m						2.93a	3.35a	3.29a	2.92a
3.0m						3.33a	3.73a	3.88a	3.70a
2.0m						5.62a	5.40a	4.91a	4.34a
1.0m						9.75b	9.58b	8.91b	6.99a
0.0m						13.18b	11.62b	10.55b	9.39b
-1.0m						14.43a	12.10b	10.62b	9.46b
-2.0m						15.85a	12.14b	10.65b	9.48b
-3.0m						16.90b	12.22b	10.72b	9.55b
-4.0m						17.11b	12.37b	10.80b	9.39b

1e	ROAD	LEVEL ROAD @ 71% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m					2.89a	3.29a	2.96a	1.68a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	6.86	5.90	4.66	2.91a	1.82a	1.74a
0.0m		10.21a	7.88	6.66	5.79	4.58	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	7.67	6.54	5.71	4.52	2.48a	2.08a	
-2.0m	3.84a	5.23a	7.62	6.50	5.66	4.49	2.50a	2.20a	
-3.0m	6.26a	8.30a	7.62	6.50	5.65	3.23a	2.70a		
-4.0m	9.35a	11.79	7.69	6.56	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m						2.93a	3.35a	3.29a	2.92a
3.0m						3.33a	3.73a	3.88a	3.70a
2.0m						5.62a	5.40a	4.83	3.96
1.0m						8.34	7.13	6.20	4.91
0.0m						12.56	8.31	7.11	6.18
-1.0m	8.32a	12.56	8.25	7.03	6.10	4.80	3.87	3.20	
-2.0m	9.69a	12.33	8.10	6.91	6.00	4.73	3.81	3.17	
-3.0m	11.47a	12.19	8.00	6.83	5.93	4.64	3.76		
-4.0m	14.15a	12.14	7.95	6.79	5.87	4.58			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	5 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m					2.89a	3.29a	2.96a	1.68a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m			8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m			8.94r	7.85r	7.05r	5.30a	2.48a	2.08a	
-2.0m			10.36a	9.09r	8.02r	4.73a	2.50a	2.20a	
-3.0m			10.16b	8.91b	8.17b	3.23a	2.70a		
-4.0m			10.25b	7.93a	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m						2.93a	3.35a	3.29a	2.92a
3.0m						3.33a	3.73a	3.88a	3.70a
2.0m						5.62a	5.40a	4.91a	4.34a
1.0m						9.75b	9.58b	8.91b	6.99a
0.0m						11.62b	10.55b	9.39b	7.67b
-1.0m						12.10b	10.62b	9.46b	7.76b
-2.0m						12.14b	10.65b	9.48b	7.78b
-3.0m						12.22b	10.72b	9.55b	7.78b
-4.0m						12.37b	10.80b	9.39b	6.75a

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.05a	2.75a	1.69a	
4.0m					2.89a	3.29a	2.96a	1.68a	1.68a
3.0m				3.26a	3.45a	3.81a	3.13a	1.67a	1.67a
2.0m				5.53a	5.23a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.20	4.87	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.01	6.08	4.79	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.12	6.90	5.99	4.73	2.48a	2.08a	
-2.0m	3.84a	5.23a	8.07	6.85	5.95	4.70	2.50a	2.20a	
-3.0m	6.26a	8.30a	8.07	6.85	5.94	3.23a	2.70a		
-4.0m	9.35a	12.69	8.14	6.92	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m						2.93a	3.35a	3.29a	2.92a
3.0m						3.33a	3.73a	3.88a	3.70a
2.0m						5.62a	5.40a	4.91a	4.10
1.0m						8.76	7.47b	6.48	5.10
0.0m		13.18b	8.73	7.45	6.47	5.09	4.08	3.36	2.35a
-1.0m	8.32a	13.40	8.71	7.4	6.40	5.01	4.03	3.33	
-2.0m	9.69a	13.25	8.56	7.27	6.29	4.93	3.97	3.30a	
-3.0m	11.47a	13.11	8.46	7.19	6.22	4.84	3.92		
-4.0m	14.15a	13.05	8.41	7.15	6.15	4.78			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure).
	All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	6 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.52	3.09a	1.76a	1.72a
1.0m			7.59	6.43	5.57	4.44	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	7.33	6.25	5.47	4.37	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	7.17	6.17	5.41	4.32	2.32a	2.12a	
-2.0m	3.93a	5.64a	7.14	6.13	5.37	4.30	2.55a	2.22a	
-3.0m	6.78a	9.03a	7.15	6.14	5.37	3.27a	2.76a		
-4.0m	10.03a	10.77	7.22	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.78	3.18	2.31a
2.0m				6.49a	5.82a	4.67	3.82a	3.18	2.49a
1.0m			7.78	6.69	5.85	4.68	3.81	3.16	2.52a
0.0m	7.76a	11.51	7.76	6.68	5.84	4.64	3.77	3.13	2.28a
-1.0m	8.53a	11.36	7.66	6.59	5.75	4.57	3.71	3.09	
-2.0m	9.98a	11.18	7.54	6.48	5.66	4.51	3.66	3.06	
-3.0m	11.85a	11.08	7.46	6.42	5.61	4.43	3.62		
-4.0m	14.92a	11.05	7.43	6.39	5.55	4.38			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	10.21a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	9.22r	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.64a	10.66	8.67	7.30	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	10.17b	8.68	7.29	3.27a	2.76a		
-4.0m	10.03a	14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.80a	3.29a	2.31a
2.0m				6.49a	5.96a	5.19a	4.49a	3.65a	2.49a
1.0m			10.14b	9.16b	7.75	5.89	4.65	3.79	2.52a
0.0m	7.76a	13.37b	11.11	9.14	7.73	5.90	4.63	3.76	2.28a
-1.0m	8.53a	14.69b	11.13	9.15b	7.75	5.84	4.58	3.73	
-2.0m	9.98a	16.10b	11.20	9.14	7.67	5.75	4.52	3.64a	
-3.0m	11.85a	16.96b	11.13	9.05	7.60	5.66	4.48		
-4.0m	14.92a	17.07b	11.10	8.98	7.50	5.06a			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

2b	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.52	1.97		
7.0m						2.55	1.83a		
6.0m						2.54	2.03	1.64	
5.0m						2.51	2.01	1.64	
4.0m				2.49a	2.95a	2.45	1.97	1.62	1.34
3.0m				3.52a	3.04	2.38	1.93	1.60	1.34
2.0m				3.42	2.91	2.30	1.88	1.56	1.32
1.0m			3.85	3.24	2.79	2.23	1.83	1.53	1.30
0.0m	7.14a	5.45	3.60	3.07	2.70	2.16	1.78	1.51	1.29
-1.0m	4.21a	5.08	3.46	2.99	2.64	2.12	1.75	1.49	
-2.0m	3.93a	4.96	3.42	2.96	2.60	2.09	1.74	1.49	
-3.0m	6.78a	5.01	3.43	2.97	2.60	2.09	1.75		
-4.0m	9.25	5.11	3.50	3.03	2.66	2.16			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.43			
8.00						2.55	1.97		
7.0m						2.56	2.05		
6.0m						2.55	2.08	1.65	
5.0m						2.54	2.08	1.68	
4.0m				2.51a	3.03a	2.51	2.07	1.70	1.35
3.0m				3.58	3.13	2.49	2.05	1.69	1.35
2.0m				3.53	3.09	2.47	2.05	1.67	1.34
1.0m			4.03	3.49	3.06	2.46	2.02	1.63	1.32
0.0m	7.76a	5.81	4.01	3.48	3.05	2.42	1.97	1.59	1.30
-1.0m	8.53a	5.65	3.92	3.39	2.96	2.35	1.92	1.55	
-2.0m	9.71	5.49	3.80	3.29	2.88	2.29	1.85	1.51	
-3.0m	9.59	5.39	3.73	3.23	2.83	2.24	1.80		
-4.0m	9.58	5.36	3.70	3.21	2.78	2.18			

2b	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.66	1.68a	
4.0m				2.49a	2.95a	3.28	2.62	1.66a	1.68a
3.0m				3.52a	3.65a	3.21	2.57	1.70a	1.67a
2.0m				4.77	4.02	3.12	2.52	1.76a	1.72a
1.0m			5.52	4.57	3.89	3.03	2.46	1.84a	1.74
0.0m	7.14a	10.21a	5.23	4.37	3.78	2.96	2.42	1.95a	1.73
-1.0m	4.21a	5.54a	5.06	4.28	3.71	2.91	2.32a	2.00	
-2.0m	3.93a	5.64a	5.02	4.25	3.67	2.89	2.37	2.00	
-3.0m	6.78a	7.94	5.03	4.26	3.67	2.88	2.38		
-4.0m	10.03a	8.07	5.12	4.33	3.73	2.96			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.71	2.18	
5.0m						3.11a	2.73	2.20	
4.0m				2.51a	3.03a	3.35	2.72	2.21	1.79
3.0m				3.62a	3.96a	3.32	2.71	2.21	1.79
2.0m				4.90	4.22	3.30	2.70	2.19	1.78
1.0m			5.73	4.86	4.19	3.29	2.67	2.15	1.76
0.0m	7.76a	8.96	5.72	4.85	4.18	3.25	2.62	2.11	1.74
-1.0m	8.53a	8.76	5.60	4.74	4.08	3.17	2.55	2.07	
-2.0m	9.98a	8.55	5.47	4.63	3.99	3.11	2.48	2.03	
-3.0m	11.85a	8.42	5.38	4.56	3.93	3.05	2.43		
-4.0m	14.92a	8.38	5.35	4.54	3.88	2.99			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	8 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.11			
8.00						2.21	1.94		
7.0m						2.24	1.75		
6.0m						2.23	1.76	1.41	
5.0m						2.19	1.74	1.41	
4.0m				2.49a	2.77	2.14	1.71	1.39	1.14
3.0m				3.12	2.65	2.07	1.66	1.37	1.14
2.0m				2.98	2.53	1.99	1.61	1.34	1.12
1.0m			3.34	2.80	2.41	1.91	1.56	1.30	1.10
0.0m	7.14a	4.72	3.10	2.63	2.31	1.85	1.52	1.28	1.09
-1.0m	4.21a	4.35	2.95	2.55	2.25	1.80	1.49	1.26	
-2.0m	3.93a	4.23	2.92	2.52	2.22	1.78	1.47	1.26	
-3.0m	6.78a	4.28	2.93	2.53	2.21	1.77	1.49		
-4.0m	7.96	4.39	3.00	2.59	2.27	1.85			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.11			
8.00						2.23	1.70		
7.0m						2.24	1.79		
6.0m						2.24	1.81	1.43	
5.0m						2.22	1.81	1.46	
4.0m				2.51a	2.79	2.20	1.80	1.47	1.15
3.0m				3.14	2.74	2.17	1.79	1.46	1.15
2.0m				3.09	2.70	2.15	1.78	1.44	1.14
1.0m			3.52	3.05	2.67	2.14	1.76	1.41	1.12
0.0m	7.76a	5.08	3.51	3.04	2.67	2.11	1.70	1.36	1.10
-1.0m	8.53a	4.92	3.41	2.95	2.58	2.04	1.65	1.32	
-2.0m	8.43	4.76	3.29	2.85	2.49	1.98	1.58	1.28	
-3.0m	8.31	4.66	3.22	2.79	2.44	1.92	1.53		
-4.0m	8.29	4.63	3.19	2.77	2.39	1.87			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.50	1.75a	
5.0m						3.08a	2.48	1.68a	
4.0m				2.49a	2.95a	3.05	2.44	1.66a	1.67
3.0m				3.52a	3.65a	2.97	2.39	1.70a	1.66
2.0m				4.37	3.70	2.89	2.34	1.76a	1.64
1.0m			5.02	4.18	3.57	2.80	2.29	1.84a	1.62
0.0m	7.14a	10.21a	4.75	3.99	3.47	2.74	2.24	1.88	1.61
-1.0m	4.21a	5.54a	4.58	3.90	3.40	2.69	2.21	1.86	
-2.0m	3.93a	5.64a	4.54	3.87	3.37	2.66	2.19	1.86	
-3.0m	6.78a	7.00	4.55	3.88	3.36	2.66	2.21		
-4.0m	10.03a	7.12	4.63	3.95	3.42	2.74			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.50		
6.0m						2.96a	2.55	2.03	
5.0m						3.11a	2.55	2.06	
4.0m				2.51a	3.03a	3.11	2.54	2.07a	1.67
3.0m				3.62a	3.94	3.09	2.53	2.07	1.67
2.0m				4.49	3.89	3.06	2.52	2.05	1.66
1.0m			5.22	4.46	3.86	3.05	2.49	2.01	1.64
0.0m	7.76a	7.95	5.21	4.44	3.86	3.02	2.44	1.97	1.62
-1.0m	8.53a	7.76	5.10	4.35	3.76	2.94	2.38	1.92	
-2.0m	9.98a	7.57	4.97	4.24	3.67	2.88	2.31	1.89	
-3.0m	11.85a	7.45	4.88	4.17	3.61	2.82	2.25		
-4.0m	14.92a	7.42	4.85	4.15	3.56	2.76			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	9 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

2d	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±135° to ±150°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.58	1.68a	
4.0m				2.49a	2.95a	3.10	2.54	1.66a	1.68a
3.0m				3.52a	3.65a	3.03	2.50	1.70a	1.67a
2.0m				4.23	3.67	2.96	2.45	1.76a	1.72a
1.0m			4.73	4.06	3.56	2.88	2.40	1.84a	1.77
0.0m	7.14a	6.49	4.51	3.91	3.47	2.82	2.36	1.95a	1.75
-1.0m	4.21a	5.54a	4.38	3.83	3.41	2.78	2.32a	2.00	
-2.0m	3.93a	5.64a	4.35	3.81	3.38	2.76	2.32	2.00	
-3.0m	6.78a	6.11	4.36	3.82	3.38	2.75	2.33		
-4.0m	10.03a	6.20	4.42	3.87	3.43	2.82			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.59		
6.0m						2.96a	2.63	2.16	
5.0m						3.11a	2.64	2.18	
4.0m				2.51a	3.03a	3.16	2.63	2.19	1.81
3.0m				3.62a	3.87	3.13	2.62	2.18	1.81
2.0m				4.33	3.83	3.11	2.61	2.17	1.80
1.0m			4.90	4.30	3.81	3.10	2.59	2.14	1.78
0.0m	7.76a	6.81	4.89	4.29	3.80	3.07	2.54	2.10a	1.76
-1.0m	8.53a	6.67	4.80	4.20	3.72	3.00	2.49	2.06	
-2.0m	9.98a	6.53	4.69	4.11	3.64	2.95	2.42	2.03	
-3.0m	10.54	6.44	4.62	4.05	3.59	2.90	2.38		
-4.0m	10.53	6.41	4.60	4.04	3.55	2.84			

2d	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±135° to ±150°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.44	3.09a	1.76a	1.72a
1.0m			7.51	6.34	5.49	4.36	2.93a	1.84a	1.77a
0.0m	7.14a	10.21a	7.25	6.16	5.39	4.29	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	7.09	6.08	5.32	4.24	2.32a	2.12a	
-2.0m	3.93a	5.64a	7.05	6.05	5.29	4.22	2.55a	2.22a	
-3.0m	6.78a	9.03a	7.06	6.06	5.28	3.27a	2.76a		
-4.0m	10.03a	10.74	7.14	6.12	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.73	3.12	2.31a
2.0m				6.49a	5.76	4.61	3.76a	3.12	2.49a
1.0m			7.71	6.61	5.77	4.60	3.74	3.10	2.52a
0.0m	7.76a	11.50	7.69	6.6	5.77	4.57	3.70	3.06	2.28a
-1.0m	8.53a	11.34	7.59	6.51	5.67	4.49	3.65	3.03	
-2.0m	9.98a	11.16	7.46	6.4	5.58	4.43	3.59	3.00	
-3.0m	11.85a	11.05	7.38	6.34	5.52	4.35	3.55		
-4.0m	14.92a	11.02	7.35	6.31	5.47	4.30			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	10 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

2e	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.00	5.92	4.55	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	6.79	5.80	4.48	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.05	6.69	5.73	4.42	2.32a	2.12a	
-2.0m	3.93a	5.64a	8.01	6.65	5.69	4.39	2.55a	2.22a	
-3.0m	6.78a	9.03a	8.02	6.67	5.68	3.27a	2.76a		
-4.0m	10.03a	13.72	8.11	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.79a	3.15	2.31a
2.0m				6.49a	5.96a	4.79a	3.84a	3.14	2.49a
1.0m			8.74	7.31	6.25	4.82	3.83	3.12	2.52a
0.0m	7.76a	13.37b	8.72	7.30	6.24	4.79	3.79	3.08	2.28a
-1.0m	8.53a	14.37	8.66	7.20	6.13	4.70	3.73	3.05	
-2.0m	9.98a	14.3	8.51	7.08	6.03	4.63	3.67	3.02	
-3.0m	11.85a	14.15	8.41	6.99	5.96	4.54	3.62		
-4.0m	14.92a	14.1	8.38	6.96	5.89	4.49			

2e	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m		10.21a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m		5.54a	9.22r	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m		5.28a	10.83a	8.90	7.32	4.48a	2.55a	2.22a	
-3.0m		9.03a	10.17b	8.92b	7.32	3.27a	2.76a		
-4.0m		14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.80a	3.29a	2.31a
2.0m				6.49a	5.96a	5.19a	4.45	3.61	2.49a
1.0m			10.14b	9.42	7.82	5.80	4.49	3.60	2.52a
0.0m		13.37b	11.72b	9.39	7.80b	5.79	4.46	3.57	2.28a
-1.0m		14.69b	11.73	9.41b	7.82	5.73	4.40	3.54	
-2.0m		16.10b	11.80b	9.44	7.74	5.63	4.34	3.51	
-3.0m		16.96b	11.90	9.34	7.66	5.54	4.30		
-4.0m		17.07b	11.85	9.26	7.55	5.06a			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	9.22r	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.28a	10.83a	9.36r	8.21r	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	10.17b	8.92b	7.95b	3.27a	2.76a		
-4.0m	10.03a	14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.80a	3.29a	2.31a
2.0m				6.49a	5.96a	5.19a	4.49a	3.65a	2.49a
1.0m			10.14b	9.81b	9.04b	7.35b	5.45a	4.03a	2.52a
0.0m	7.76a	13.37b	11.84b	10.61b	9.43b	7.71b	6.39a	4.30a	2.28a
-1.0m	8.53a	14.69b	12.11b	10.63b	9.46b	7.76b	6.57b	4.27a	
-2.0m	9.98a	16.10b	12.15b	10.66b	9.49b	7.79b	6.38b	3.64a	
-3.0m	11.85a	16.96b	12.24b	10.74b	9.57b	7.71b	5.45a		
-4.0m	14.92a	17.07b	12.34b	10.66b	9.17b	5.06a			

2f	RAIL	0 to 50mm CANT @ 66% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	10.21a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	9.22r	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.28a	10.83a	9.36r	8.21r	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	10.17b	8.92b	7.95b	3.27a	2.76a		
-4.0m	10.03a	14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.80a	3.29a	2.31a
2.0m				6.49a	5.96a	5.19a	4.49a	3.65a	2.49a
1.0m			10.14b	9.81b	9.04b	7.35b	5.45a	4.03a	2.52a
0.0m	7.76a	13.37b	11.84b	10.61b	9.43b	7.71b	6.39a	4.30a	2.28a
-1.0m	8.53a	14.69b	12.11b	10.63b	9.46b	7.76b	6.57b	4.27a	
-2.0m	9.98a	16.10b	12.15b	10.66b	9.49b	7.79b	6.38b	3.64a	
-3.0m	11.85a	16.96b	12.24b	10.74b	9.57b	7.71b	5.45a		
-4.0m	14.92a	17.07b	12.34b	10.66b	9.17b	5.06a			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.54	2.97	1.70a	1.67a
2.0m				4.80	4.23	3.47	2.92	1.76a	1.72a
1.0m			5.33	4.65	4.13	3.40	2.88	1.84a	1.77a
0.0m	7.14a	7.05	5.13	4.51	4.05	3.35	2.84	1.95a	1.83a
-1.0m	4.21a	5.54a	5.01	4.44	3.99	3.31	2.32a	2.12a	
-2.0m	3.93a	5.64a	4.98	4.42	3.97	3.29	2.55a	2.22a	
-3.0m	6.78a	6.72	4.99	4.43	3.96	3.27a	2.76a		
-4.0m	10.03a	6.80	5.05	4.48	4.01	3.35			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.05	2.58	
4.0m				2.51a	3.03a	3.43a	3.08	2.59	1.99a
3.0m				3.62a	3.96a	3.64	3.08	2.59	2.20
2.0m				4.90	4.38	3.62	3.08	2.58	2.19
1.0m			5.48	4.87	4.36	3.61	3.05	2.55	2.17
0.0m	7.76a	7.33	5.47	4.86	4.35	3.58	3.00	2.52	2.15
-1.0m	8.53a	7.21	5.39	4.78	4.28	3.52	2.94	2.48	
-2.0m	9.98a	7.08	5.29	4.70	4.20	3.47	2.89	2.45	
-3.0m	10.57	7.01	5.23	4.65	4.16	3.41	2.85		
-4.0m	10.56	6.99	5.21	4.63	4.12	3.37			

3a	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.39	4.31	3.09a	1.76a	1.72a
1.0m			7.08	6.04	5.27	4.24	2.93a	1.84a	1.77a
0.0m	7.14a	10.21a	6.83	5.87	5.18	4.17	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	6.69	5.80	5.12	4.13	2.32a	2.12a	
-2.0m	3.93a	5.64a	6.65	5.77	5.08	4.10	2.55a	2.22a	
-3.0m	6.78a	9.03a	6.66	5.78	5.08	3.27a	2.76a		
-4.0m	10.03a	9.75	6.73	5.84	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.67	3.08	2.31a
2.0m				6.29a	5.56	4.48	3.69	3.07	2.49a
1.0m			7.26	6.3	5.54	4.47	3.67	3.05	2.52a
0.0m	7.76a	10.46	7.24	6.29	5.53	4.44	3.63	3.02	2.28a
-1.0m	8.53a	10.30	7.15	6.2	5.44	4.36	3.57	2.99	
-2.0m	9.98a	10.14	7.03	6.1	5.36	4.31	3.52	2.96	
-3.0m	11.85a	10.04	6.96	6.04	5.31	4.23	3.48		
-4.0m	14.92a	10.01	6.93	6.02	5.26	4.19			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	13 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

3b	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				2.92					
9.00						2.02			
8.00						2.11	1.65		
7.0m						2.14	1.70		
6.0m						2.13	1.71	1.38	
5.0m						2.10	1.69	1.38	
4.0m				2.49a	2.61	2.05	1.66	1.37	1.13
3.0m				2.90	2.50	1.98	1.61	1.34	1.12
2.0m				2.77	2.38	1.91	1.57	1.31	1.11
1.0m			3.07	2.61	2.27	1.84	1.52	1.28	1.09
0.0m	7.08	4.15	2.85	2.46	2.19	1.78	1.48	1.25	1.08
-1.0m	4.21a	3.83	2.72	2.39	2.13	1.73	1.45	1.24	
-2.0m	3.93a	3.73	2.69	2.36	2.10	1.71	1.44	1.23	
-3.0m	6.15	3.77	2.70	2.37	2.10	1.71	1.45		
-4.0m	6.29	3.86	2.76	2.43	2.15	1.78			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				2.92					
9.00						2.03			
8.00						2.14	1.65		
7.0m						2.14	1.73		
6.0m						2.14	1.76	1.39	
5.0m						2.13	1.75	1.42	
4.0m				2.51a	2.62	2.10	1.74	1.43	1.13
3.0m				2.92	2.58	2.08	1.73	1.43	1.14
2.0m				2.87	2.54	2.06	1.73	1.41	1.13
1.0m			3.23	2.84	2.52	2.05	1.70	1.38	1.11
0.0m	7.14	4.45	3.22	2.83	2.51	2.02	1.65	1.34	1.09
-1.0m	6.83	4.32	3.13	2.75	2.43	1.95	1.61	1.29	
-2.0m	6.64	4.18	3.03	2.66	2.35	1.90	1.54	1.26	
-3.0m	6.55	4.10	2.96	2.60	2.30	1.85	1.49		
-4.0m	6.54	4.07	2.94	2.59	2.26	1.80			

3b	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.88	1.83a		
6.0m						2.87	2.30	1.75a	
5.0m						2.84	2.28	1.68a	
4.0m				2.49a	2.95a	2.78	2.24	1.66a	1.54
3.0m				3.52a	3.46	2.71	2.20	1.70a	1.53
2.0m				3.91	3.33	2.63	2.14	1.76a	1.52
1.0m			4.43	3.72	3.21	2.55	2.09	1.76	1.50
0.0m	7.14a	10.21a	4.18	3.55	3.11	2.49	2.05	1.73	1.49
-1.0m	4.21a	5.54a	4.03	3.47	3.05	2.44	2.02	1.71	
-2.0m	3.93a	5.64a	3.99	3.44	3.02	2.41	2.00	1.71	
-3.0m	6.78a	5.91	4.00	3.45	3.01	2.41	2.02		
-4.0m	10.03a	6.01	4.07	3.51	3.07	2.49			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.24		
7.0m						2.89	2.32		
6.0m						2.89	2.35	1.88	
5.0m						2.87	2.35	1.91	
4.0m				2.51a	3.03a	2.85	2.34	1.92	1.54
3.0m				3.62a	3.55	2.82	2.32	1.91	1.55
2.0m				4.02	3.51	2.80	2.32	1.89	1.54
1.0m			4.61	3.98	3.48	2.79	2.29	1.86	1.52
0.0m	7.76a	6.74	4.60	3.97	3.48	2.75	2.24	1.82	1.50
-1.0m	8.53a	6.58	4.50	3.88	3.38	2.68	2.19	1.77	
-2.0m	9.98a	6.40	4.38	3.78	3.30	2.62	2.12	1.74	
-3.0m	11.65	6.30	4.30	3.71	3.24	2.56	2.07		
-4.0m	11.63	6.27	4.28	3.7	3.20	2.51			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	14 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				2.80					
9.00					1.87				
8.00					1.97	1.50			
7.0m					2.00	1.55			
6.0m					1.99	1.56	1.24		
5.0m					1.95	1.54	1.24		
4.0m				2.49a	2.47	1.90	1.51	1.22	0.99
3.0m				2.79	2.36	1.83	1.46	1.19	0.98
2.0m				2.64	2.23	1.75	1.41	1.16	0.97
1.0m			2.96	2.46	2.11	1.67	1.36	1.13	0.94
0.0m	7.14a	4.17	2.71	2.30	2.02	1.61	1.32	1.10	0.92
-1.0m	4.21a	3.80	2.57	2.22	1.95	1.56	1.29	1.09	
-2.0m	3.93a	3.68	2.53	2.19	1.92	1.54	1.27	1.08	
-3.0m	6.78a	3.73	2.54	2.20	1.92	1.54	1.29		
-4.0m	6.99	3.83	2.61	2.26	1.97	1.61			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				2.81					
9.00					1.88				
8.00					1.99	1.50			
7.0m					2.00	1.59			
6.0m					2.00	1.61	1.25		
5.0m					1.98	1.61	1.28		
4.0m				2.51a	2.49	1.96	1.60	1.29	1.00
3.0m				2.81	2.44	1.93	1.59	1.29	1.00
2.0m				2.75	2.40	1.91	1.58	1.27	0.99
1.0m			3.14	2.72	2.38	1.90	1.56	1.23	0.97
0.0m	7.76a	4.53	3.12	2.71	2.37	1.87	1.50	1.19	0.94
-1.0m	7.69	4.37	3.03	2.62	2.28	1.80	1.45	1.14	
-2.0m	7.45	4.21	2.91	2.52	2.20	1.74	1.38	1.11	
-3.0m	7.33	4.11	2.84	2.46	2.14	1.68	1.33		
-4.0m	7.32	4.08	2.81	2.44	2.10	1.63			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00					2.34a				
8.00					2.65	2.03a			
7.0m					2.67	1.83a			
6.0m					2.67	2.12	1.71		
5.0m					2.63	2.10	1.68a		
4.0m				2.49a	2.95a	2.57	2.06	1.66a	1.40
3.0m				3.52a	3.21	2.50	2.02	1.67	1.39
2.0m				3.63	3.08	2.42	1.96	1.63	1.38
1.0m			4.11	3.44	2.96	2.34	1.91	1.60	1.36
0.0m	7.14a	10.21a	3.86	3.26	2.86	2.27	1.87	1.57	1.35
-1.0m	4.21a	5.54a	3.70	3.18	2.79	2.23	1.84	1.56	
-2.0m	3.93a	5.42	3.67	3.15	2.76	2.20	1.82	1.55	
-3.0m	6.78a	5.48	3.68	3.16	2.76	2.20	1.84		
-4.0m	10.03a	5.59	3.75	3.23	2.82	2.27			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00					2.49a				
8.00					2.67	2.06			
7.0m					2.68	2.14			
6.0m					2.68	2.17	1.72		
5.0m					2.66	2.17	1.76		
4.0m				2.51a	3.03a	2.64	2.16	1.77a	1.41
3.0m				3.62a	3.30	2.61	2.15	1.76	1.41
2.0m				3.74	3.26	2.59	2.14	1.74	1.40
1.0m			4.30	3.7	3.23	2.58	2.11	1.70	1.38
0.0m	7.76a	6.33	4.29	3.69	3.23	2.54	2.06	1.66	1.36
-1.0m	8.53a	6.16	4.18	3.6	3.13	2.47	2.01	1.61	
-2.0m	9.98a	5.99	4.06	3.5	3.05	2.41	1.94	1.58	
-3.0m	11.10	5.88	3.98	3.43	2.99	2.35	1.88		
-4.0m	11.08	5.85	3.96	3.41	2.94	2.30			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	15 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.59	2.03a		
7.0m						2.61	1.83a		
6.0m						2.60	2.12	1.75	
5.0m						2.57	2.10	1.68a	
4.0m				2.49a	2.95a	2.52	2.07	1.66a	1.46
3.0m				3.51	3.06	2.46	2.03	1.70a	1.45
2.0m				3.39	2.94	2.38	1.98	1.68	1.44
1.0m			3.75	3.23	2.84	2.31	1.94	1.65	1.42
0.0m	7.14a	5.01	3.54	3.08	2.75	2.26	1.90	1.62	1.41
-1.0m	4.21a	4.71	3.42	3.01	2.70	2.22	1.87	1.61	
-2.0m	3.93a	4.61	3.39	2.99	2.67	2.19	1.85	1.60	
-3.0m	6.78a	4.66	3.40	3.00	2.67	2.19	1.87		
-4.0m	7.44	4.74	3.46	3.05	2.72	2.26			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.61	2.07		
7.0m						2.62	2.14		
6.0m						2.61	2.17	1.76	
5.0m						2.60	2.16	1.79	
4.0m				2.51a	3.03a	2.58	2.15	1.80	1.46
3.0m				3.53	3.13	2.55	2.14	1.79	1.46
2.0m				3.48	3.10	2.53	2.14	1.77	1.46
1.0m			3.91	3.45	3.07	2.52	2.12	1.74	1.44
0.0m	7.76a	5.30	3.89	3.44	3.07	2.49	2.07	1.70	1.42
-1.0m	7.94	5.17	3.81	3.36	2.99	2.43	2.02	1.66	
-2.0m	7.77	5.04	3.71	3.28	2.91	2.38	1.96	1.63	
-3.0m	7.69	4.96	3.65	3.22	2.87	2.33	1.91		
-4.0m	7.67	4.94	3.63	3.21	2.83	2.28			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.88	3.15a	1.70a	1.67a
2.0m				5.43	4.72	3.80	3.09a	1.76a	1.72a
1.0m			6.13	5.26	4.61	3.73	2.93a	1.84a	1.77a
0.0m	7.14a	10.21a	5.90	5.10	4.52	3.66	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	5.76	5.03	4.46	3.62	2.32a	2.12a	
-2.0m	3.93a	5.64a	5.73	5.00	4.43	3.60	2.55a	2.22a	
-3.0m	6.78a	8.14	5.74	5.01	4.42	3.27a	2.76a		
-4.0m	10.03a	8.24	5.80	5.07	4.48	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.28a	2.76	1.99a
3.0m				3.62a	3.96a	3.97a	3.31	2.76	2.31a
2.0m				5.54	4.89	3.96	3.30	2.75	2.31
1.0m			6.30	5.5	4.86	3.95	3.28	2.72	2.30
0.0m	7.76a	8.88	6.29	5.49	4.86	3.92	3.23	2.69	2.28a
-1.0m	8.53a	8.74	6.20	5.41	4.77	3.85	3.17	2.65	
-2.0m	9.98a	8.58	6.09	5.31	4.69	3.79	3.11	2.62	
-3.0m	11.85a	8.49	6.02	5.25	4.64	3.73	3.07		
-4.0m	14.34	8.47	5.99	5.24	4.60	3.68			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	16 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.77	3.15a	1.70a	1.67a
2.0m				5.14	4.52	3.70	3.09a	1.76a	1.72a
1.0m			5.73	4.99	4.42	3.63	2.93a	1.84a	1.77a
0.0m	7.14a	7.64	5.52	4.84	4.34	3.58	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	5.40	4.77	4.28	3.53	2.32a	2.12a	
-2.0m	3.93a	5.64a	5.37	4.75	4.25	3.51	2.55a	2.22a	
-3.0m	6.78a	7.30	5.38	4.76	4.25	3.27a	2.76a		
-4.0m	10.03a	7.38	5.44	4.81	4.30	3.58			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.24	2.74	1.99a
3.0m				3.62a	3.96a	3.87	3.26	2.74	2.31a
2.0m				5.24	4.67	3.85	3.25	2.73	2.32
1.0m			5.88	5.21	4.65	3.84	3.23	2.71	2.31
0.0m	7.76a	7.93	5.87	5.20	4.65	3.81	3.18	2.67	2.28a
-1.0m	8.53a	7.81	5.79	5.12	4.57	3.75	3.13	2.64	
-2.0m	9.98a	7.68	5.69	5.04	4.50	3.69	3.07	2.61	
-3.0m	11.66	7.60	5.63	4.98	4.45	3.64	3.04		
-4.0m	11.65	7.58	5.60	4.96	4.41	3.59			

	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.08	5.36	4.38	3.09a	1.76a	1.72a
1.0m			6.81	5.93	5.25	4.31	2.93a	1.84a	1.77a
0.0m	7.14a	10.21a	6.60	5.78	5.16	4.25	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	6.47	5.71	5.11	4.21	2.32a	2.12a	
-2.0m	3.93a	5.64a	6.44	5.68	5.08	4.18	2.55a	2.22a	
-3.0m	6.78a	8.82	6.45	5.69	5.08	3.27a	2.76a		
-4.0m	10.03a	8.91	6.51	5.75	4.92a	3.64a			

UPPER SWL


	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.75	3.20	2.31a
2.0m				6.17	5.51	4.53	3.78	3.19	2.49a
1.0m			6.97	6.15	5.49	4.52	3.76	3.17	2.52a
0.0m	7.76a	9.48	6.95	6.14	5.48	4.49	3.73	3.15	2.28a
-1.0m	8.53a	9.35	6.87	6.06	5.40	4.42	3.68	3.12	
-2.0m	9.98a	9.21	6.77	5.98	5.33	4.37	3.63	3.09	
-3.0m	11.85a	9.14	6.71	5.92	5.28	4.30	3.59		
-4.0m	14.26	9.11	6.68	5.9	5.23	4.26			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
	PAGE 17 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.


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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	9.22r	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.28a	10.83a	9.36r	8.21r	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	10.17b	8.92b	7.95b	3.27a	2.76a		
-4.0m	10.03a	14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.80a	3.29a	2.31a
2.0m				6.49a	5.96a	5.19a	4.49a	3.65a	2.49a
1.0m			10.14b	9.81b	9.04b	7.35b	5.45a	4.03a	2.52a
0.0m	7.76a	13.37b	11.84b	10.61b	9.43b	7.71b	6.39a	4.30a	2.28a
-1.0m	8.53a	14.69b	12.11b	10.63b	9.46b	7.76b	6.57b	4.27a	
-2.0m	9.98a	16.10b	12.15b	10.66b	9.49b	7.79b	6.38b	3.64a	
-3.0m	11.85a	16.96b	12.24b	10.74b	9.57b	7.71b	5.45a		
-4.0m	14.92a	17.07b	12.34b	10.66b	9.17b	5.06a			

3f 	RAIL	50 to 150mm CANT @ 66% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.96a	2.52a	1.75a	
5.0m						3.08a	2.79a	1.68a	
4.0m				2.49a	2.95a	3.36a	2.99a	1.66a	1.68a
3.0m				3.52a	3.65a	3.94a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	10.21a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.26	7.33	6.59	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.64a	8.23	7.31	6.57	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	8.24	7.32	6.56	3.27a	2.76a		
-4.0m	10.03a	11.14	8.30	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.90a	2.64a		
6.0m						2.96a	2.86a	2.35a	
5.0m						3.11a	3.06a	2.69a	
4.0m				2.51a	3.03a	3.43a	3.35a	2.97a	1.99a
3.0m				3.62a	3.96a	4.02a	3.80a	3.29a	2.31a
2.0m				6.49a	5.96a	5.19a	4.49a	3.65a	2.49a
1.0m			8.69	7.71	6.92	5.72	4.79	4.03a	2.52a
0.0m	7.76a	11.65	8.68	7.7	6.91	5.72	4.78	4.09	2.28a
-1.0m	8.53a	11.56	8.64	7.67	6.88	5.67	4.75	4.07	
-2.0m	9.98a	11.43	8.54	7.59	6.81	5.61	4.71	3.64a	
-3.0m	11.85a	11.36	8.48	7.54	6.76	5.55	4.68		
-4.0m	14.92a	11.33	8.46	7.51	6.70	5.06a			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

3+	RAIL	>150mm CANT @ 66% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				2.63					
9.00					1.77				
8.00					1.86	1.42			
7.0m					1.89	1.47			
6.0m					1.88	1.47	1.17		
5.0m					1.85	1.46	1.17		
4.0m				2.49a	2.33	1.79	1.42	1.15	0.91
3.0m				2.61	2.22	1.72	1.38	1.12	0.90
2.0m				2.47	2.09	1.64	1.33	1.09	0.88
1.0m			2.75	2.30	1.97	1.57	1.28	1.06	0.85
0.0m	7.14a	3.83	2.52	2.14	1.88	1.50	1.24	1.04	0.83
-1.0m	4.21a	3.48	2.37	2.06	1.82	1.46	1.21	1.02	
-2.0m	3.93a	3.36	2.34	2.03	1.79	1.44	1.19	1.01	
-3.0m	6.03	3.41	2.35	2.04	1.78	1.43	1.20		
-4.0m	6.20	3.51	2.42	2.10	1.84	1.50			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				2.63					
9.00					1.77				
8.00					1.88	1.42			
7.0m					1.89	1.50			
6.0m					1.89	1.52	1.18		
5.0m					1.87	1.52	1.21		
4.0m				2.51a	2.35	1.85	1.51	1.22	0.92
3.0m				2.64	2.30	1.82	1.50	1.22	0.92
2.0m				2.58	2.26	1.80	1.49	1.20	0.91
1.0m			2.93	2.55	2.23	1.79	1.47	1.16	0.88
0.0m	7.25	4.18	2.91	2.54	2.23	1.76	1.42	1.12	0.85
-1.0m	6.86	4.03	2.82	2.45	2.14	1.69	1.37	1.08	
-2.0m	6.64	3.87	2.71	2.35	2.06	1.63	1.30	1.04	
-3.0m	6.53	3.78	2.64	2.29	2.00	1.58	1.25		
-4.0m	6.51	3.75	2.61	2.27	1.96	1.52			

3+	RAIL	>150mm CANT @ 66% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00					2.34a				
8.00					2.71a	2.03a			
7.0m					2.76	1.83a			
6.0m					2.75	2.13	1.69		
5.0m					2.71	2.11	1.68a		
4.0m				2.49a	2.95a	2.65	2.08	1.66a	1.36
3.0m				3.52a	3.41	2.57	2.02	1.64	1.35
2.0m				3.92	3.25	2.48	1.97	1.61	1.34
1.0m			4.57	3.71	3.11	2.39	1.91	1.57	1.32
0.0m	7.14a	10.21a	4.26	3.50	3.00	2.31	1.86	1.54	1.31
-1.0m	4.21a	5.54a	4.08	3.41	2.92	2.26	1.83	1.52	
-2.0m	3.93a	5.64a	4.03	3.37	2.89	2.23	1.81	1.52	
-3.0m	6.78a	6.70	4.05	3.38	2.88	2.23	1.83		
-4.0m	10.03a	6.84	4.13	3.46	2.95	2.31			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00					2.49a				
8.00					2.75a	2.07			
7.0m					2.77	2.16			
6.0m					2.77	2.19	1.71		
5.0m					2.75	2.19	1.74		
4.0m				2.51a	3.03a	2.72	2.18	1.75	1.37
3.0m				3.62a	3.51	2.69	2.17	1.75	1.37
2.0m				4.06	3.46	2.67	2.16	1.72	1.36
1.0m			4.80	4.02	3.43	2.65	2.13	1.69	1.34
0.0m	7.76a	7.84	4.78	4.01	3.42	2.62	2.07	1.64	1.31
-1.0m	8.53a	7.62	4.66	3.9	3.31	2.53	2.01	1.59	
-2.0m	9.98a	7.38	4.51	3.78	3.22	2.47	1.94	1.55	
-3.0m	11.85a	7.24	4.42	3.7	3.15	2.40	1.88		
-4.0m	14.92a	7.20	4.39	3.67	3.10	2.34			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	19 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

4a	RAIL	LEVEL ROAD @ 75% of tipping load	DUTIES 4, 5 & 6 ARE FOR LONDON UNDERGROUND USE ONLY
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)	
	OSC. AXLE	FLOAT (LIFT & CARRY)	

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.59	7.28	6.33	4.99	2.48a	2.08a	
-2.0m	3.84a	4.96a	8.53	7.24	6.28	4.73a	2.50a	2.20a	
-3.0m	6.26a	8.30a	8.54	7.24	6.28	3.23a	2.70a		
-4.0m	9.35a	13.03a	8.62	7.31	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.90a	2.65a		
6.0m						2.94a	2.85a	2.36a	
5.0m						3.07a	3.04a	2.69a	
4.0m					2.93a	3.35a	3.30a	2.97a	2.04a
3.0m				3.33a	3.73a	3.88a	3.71a	3.28a	2.37a
2.0m				5.62a	5.40a	4.91a	4.29	3.58	2.58a
1.0m			9.22	7.85	6.82	5.37	4.33	3.58	2.66a
0.0m		13.18b	9.19	7.83	6.81	5.37	4.3	3.55	2.52a
-1.0m	8.32a	14.06b	9.2	7.82	6.77	5.31	4.25	3.51	
-2.0m	9.69a	14	9.06	7.68	6.66	5.21	4.19	3.48	
-3.0m	11.47a	13.84	8.95	7.59	6.58	5.12	4.14		
-4.0m	14.15a	13.78	8.9	7.55	6.51	5.06			

4a	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m	5.82a	8.94r	7.85r	7.05r	5.30a	2.48a	2.08a		
-2.0m	4.96a	10.36a	9.09r	8.02r	4.73a	2.50a	2.20a		
-3.0m	8.30a	10.16b	8.91b	7.93b	3.23a	2.70a			
-4.0m	13.03a	10.25b	7.93a	4.67a	3.59a				

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.90a	2.65a		
6.0m						2.94a	2.85a	2.36a	
5.0m						3.07a	3.04a	2.69a	
4.0m					2.93a	3.35a	3.30a	2.97a	2.04a
3.0m				3.33a	3.73a	3.88a	3.71a	3.28a	2.37a
2.0m				5.62a	5.40a	4.91a	4.36a	3.64a	2.58a
1.0m			9.75b	9.58b	8.91b	6.99a	5.30a	4.04a	2.66a
0.0m		13.18b	11.62b	10.55b	9.45b	7.67b	6.19	4.38a	2.52a
-1.0m	14.43a	12.10b	10.62b	9.46b	7.76b	6.18	4.47a		
-2.0m	15.85a	12.14b	10.65b	9.48b	7.78b	6.14	4.02a		
-3.0m	16.90b	12.22b	10.72b	9.55b	7.78b	5.74b			
-4.0m	17.11b	12.37b	10.80b	9.39b	6.75a				

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

4b	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.67	1.69a	
4.0m					2.80a	3.25a	2.63	1.68a	1.68a
3.0m				3.26a	3.33a	3.19	2.58	1.67a	1.67a
2.0m				4.61	3.93	3.09	2.53	1.74a	1.69a
1.0m			5.26	4.41	3.78	3.01	2.47	1.82a	1.74a
0.0m		7.59	4.97	4.2	3.67	2.93	2.42	1.95a	1.76
-1.0m	4.39a	5.82a	4.75	4.09	3.59	2.88	2.38	2.02	
-2.0m	3.84a	4.96a	4.7	4.05	3.55	2.85	2.36	2.01	
-3.0m	6.26a	6.95	4.71	4.05	3.55	2.84	2.37		
-4.0m	9.35a	7.06	4.78	4.11	3.61	2.9			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	
10.00			3.42a							
9.00					3.04a					
8.00						2.82a				
7.0m						2.90a	2.65a			
6.0m						2.94a	2.72	2.2		
5.0m						3.07a	2.76	2.23		
4.0m						2.93a	3.35	2.75	2.25	1.82
3.0m				3.33a	3.73a	3.32	2.73	2.24	1.82	
2.0m				4.72	4.13	3.29	2.72	2.22	1.82	
1.0m			5.42	4.67	4.09	3.27	2.71	2.19	1.8	
0.0m		7.91	5.4	4.65	4.08	3.25	2.64	2.15	1.77	
-1.0m	8.32a	7.77	5.32	4.57	4	3.17	2.58	2.1		
-2.0m	9.69a	7.56	5.17	4.45	3.9	3.1	2.51	2.06		
-3.0m	11.47a	7.43	5.08	4.37	3.83	3.04	2.45			
-4.0m	13.64	7.38	5.03	4.34	3.79	2.96				

4b	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.59	7.28	6.33	4.99	2.48a	2.08a	
-2.0m	3.84a	4.96a	8.53	7.24	6.28	4.73a	2.50a	2.20a	
-3.0m	6.26a	8.30a	8.54	7.24	6.28	3.23a	2.70a		
-4.0m	9.35a	13.03a	8.62	7.31	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	
10.00			3.42a							
9.00					3.04a					
8.00						2.82a				
7.0m						2.90a	2.65a			
6.0m						2.94a	2.85a	2.36a		
5.0m						3.07a	3.04a	2.69a		
4.0m						2.93a	3.35a	3.30a	2.97a	2.04a
3.0m				3.33a	3.73a	3.88a	3.71a	3.28a	2.37a	
2.0m				5.62a	5.40a	4.91a	4.29	3.58	2.58a	
1.0m			9.22	7.85	6.82	5.37	4.33	3.58	2.66a	
0.0m		13.18b	9.19	7.83	6.81	5.37	4.3	3.55	2.52a	
-1.0m	8.32a	14.06b	9.2	7.82	6.77	5.31	4.25	3.51		
-2.0m	9.69a	14	9.06	7.68	6.66	5.21	4.19	3.48		
-3.0m	11.47a	13.84	8.95	7.59	6.58	5.12	4.14			
-4.0m	14.15a	13.78	8.9	7.55	6.51	5.06				

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	21 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

4c	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±45° to ±135°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.41	1.76a	
5.0m						2.99	2.4	1.69a	
4.0m					2.80a	2.93	2.36	1.68a	1.62
3.0m				3.26a	3.33a	2.85	2.31	1.67a	1.61
2.0m				4.1	3.49	2.76	2.25	1.74a	1.59
1.0m			4.64	3.9	3.35	2.67	2.2	1.82a	1.58
0.0m		6.59	4.36	3.7	3.24	2.6	2.15	1.82	1.56
-1.0m	4.39a	5.82a	4.16	3.59	3.17	2.55	2.11	1.8	
-2.0m	3.84a	4.96a	4.1	3.55	3.13	2.52	2.09	1.79	
-3.0m	6.26a	5.98	4.12	3.55	3.12	2.51	2.11		
-4.0m	9.35a	6.09	4.19	3.61	3.18	2.57			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.90a	2.43		
6.0m						2.94a	2.48	1.98	
5.0m						3.03	2.48	2.01	
4.0m						2.93a	3.01	2.47	2.03
3.0m						3.33a	3.73a	2.98	2.46
2.0m						4.2	3.69	2.95	2.45
1.0m						4.8	4.15	3.65	2.94
0.0m						6.9	4.78	4.14	3.64
-1.0m	8.32a	6.76	4.7	4.06	3.56	2.83	2.31	1.87	
-2.0m	9.69a	6.56	4.56	3.94	3.46	2.76	2.24	1.83	
-3.0m	11.37	6.44	4.47	3.86	3.4	2.7	2.18		
-4.0m	11.33	6.39	4.43	3.83	3.36	2.63			

4c	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±45° to ±135°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			7.11	6.15	5.42	4.43	2.91a	1.82a	1.74a
0.0m		9.65	6.86	5.98	5.32	4.36	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	6.68	5.88	5.25	4.31	2.48a	2.08a	
-2.0m	3.84a	4.96a	6.63	5.84	5.21	4.28	2.50a	2.20a	
-3.0m	6.26a	8.30a	6.64	5.84	5.21	3.23a	2.70a		
-4.0m	9.35a	9.23	6.7	5.9	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.90a	2.65a		
6.0m						2.94a	2.85a	2.36a	
5.0m						3.07a	3.04a	2.69a	
4.0m						2.93a	3.35a	3.30a	2.97a
3.0m						3.33a	3.73a	3.88a	3.71a
2.0m						5.62a	5.40a	4.65	3.88
1.0m						7.25	6.38	5.69	4.67
0.0m						9.91	7.23	6.37	5.68
-1.0m	8.32a	9.8	7.16	6.3	5.61	4.58	3.84	3.23	2.52a
-2.0m	9.69a	9.63	7.04	6.19	5.52	4.51	3.73	3.16	
-3.0m	11.47a	9.52	6.96	6.12	5.46	4.43	3.68		
-4.0m	14.15a	9.48	6.92	6.09	5.41	4.38			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	22 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

4d	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±135° to ±150°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.94r	7.85r	7.05r	5.30a	2.48a	2.08a	
-2.0m	3.84a	4.96a	10.36a	9.09r	7.66	4.73a	2.50a	2.20a	
-3.0m	6.26a	8.30a	10.16b	8.91b	7.66	3.23a	2.70a		
-4.0m	9.35a	13.03a	10.25b	7.93a	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00	v								
9.00									
8.00									
7.0m						2.89a	2.59a		
6.0m						2.94a	2.82a	2.27a	
5.0m						3.07a	3.02a	2.63a	
4.0m					2.93a	3.35a	3.29a	2.92a	1.90a
3.0m					3.73a	3.88a	3.70a	3.23a	2.26a
2.0m					5.40a	4.91a	4.34a	3.58a	2.46a
1.0m			9.75b		8.13	6.13	4.81	3.90	2.53a
0.0m		9.99	9.99		8.11	6.16	4.80	3.89	2.35a
-1.0m	8.32a	9.99	9.99		8.12	6.11	4.76	3.85	
-2.0m	9.69a	9.99	9.99		8.11	6.02	4.70	3.82a	
-3.0m	9.99	9.99	9.99		8.02	5.92	4.64		
-4.0m	9.99	9.99	9.99		7.90	5.85			

4d	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±135° to ±150°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.23	4.91	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.03	6.11	4.83	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.11	6.91	6.02	4.78	2.48a	2.08a	
-2.0m	3.84a	4.96a	8.05	6.87	5.98	4.73a	2.50a	2.20a	
-3.0m	6.26a	8.30a	8.07	6.87	5.98	3.23a	2.70a		
-4.0m	9.35a	12.46	8.14	6.93	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.42a						
9.00					3.04a				
8.00						2.82a			
7.0m						2.90a	2.65a		
6.0m						2.94a	2.85a	2.36a	
5.0m						3.07a	3.04a	2.69a	
4.0m					2.93a	3.35a	3.30a	2.97a	2.04a
3.0m				3.33a	3.73a	3.88a	3.71a	3.28a	2.37a
2.0m				5.62a	5.40a	4.91a	4.16	3.46	2.58a
1.0m			8.77	7.5	6.54	5.17	4.17	3.45	2.66a
0.0m		13.18b	8.75b	7.48	6.53b	5.16	4.14	3.42	2.52a
-1.0m	8.32a	13.21	8.73	7.43	6.46	5.08	4.09	3.38	
-2.0m	9.69a	13.03	8.57	7.3	6.35	5	4.03	3.35	
-3.0m	11.47a	12.88	8.46	7.21	6.27	4.91	3.98		
-4.0m	14.15a	12.82	8.42	7.18	6.2	4.84			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
	PAGE 23 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

4e	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m	5.82a	8.94r	7.85r	7.05r	5.30a	2.48a	2.08a		
-2.0m	4.96a	10.36a	9.09r	8.02r	4.73a	2.50a	2.20a		
-3.0m	8.30a	10.16b	8.91b	7.93b	3.23a	2.70a			
-4.0m	13.03a	10.25b	7.93a	4.67a	3.59a				

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	
10.00			3.42a							
9.00					3.04a					
8.00						2.82a				
7.0m						2.90a	2.65a			
6.0m						2.94a	2.85a	2.36a		
5.0m						3.07a	3.04a	2.69a		
4.0m						2.93a	3.35a	3.30a	2.97a	2.04a
3.0m					3.33a	3.73a	3.88a	3.71a	3.28a	2.37a
2.0m					5.62a	5.40a	4.91a	4.36a	3.64a	2.58a
1.0m			9.75b	9.58b	8.91b	6.99a	5.30a	4.04a	2.66a	
0.0m		13.18b	11.62b	10.55b	9.45b	7.67b	6.2	4.38a	2.52a	
-1.0m	14.43a	12.10b	10.62b	9.46b	7.76b	6.19	4.47a			
-2.0m	15.85a	12.14b	10.65b	9.48b	7.78b	6.15	4.02a			
-3.0m	16.90b	12.22b	10.72b	9.55b	7.78b	5.74b				
-4.0m	17.11b	12.37b	10.80b	9.39b	6.75a					

4e	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.23	4.91	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.03	6.11	4.83	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.11	6.91	6.02	4.78	2.48a	2.08a	
-2.0m	3.84a	4.96a	8.05	6.87	5.98	4.73a	2.50a	2.20a	
-3.0m	6.26a	8.30a	8.07	6.87	5.98	3.23a	2.70a		
-4.0m	9.35a	12.46	8.14	6.93	4.67a	3.59a			

UPPER SWL


	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	
10.00			3.42a							
9.00					3.04a					
8.00						2.82a				
7.0m						2.90a	2.65a			
6.0m						2.94a	2.85a	2.36a		
5.0m						3.07a	3.04a	2.69a		
4.0m						2.93a	3.35a	3.30a	2.97a	2.04a
3.0m					3.33a	3.73a	3.88a	3.71a	3.28a	2.37a
2.0m					5.62a	5.40a	4.91a	4.16	3.46	2.58a
1.0m			8.77	7.5	6.54	5.17	4.17	3.45	2.66a	
0.0m		13.18b	8.75b	7.48	6.53b	5.16	4.14	3.42	2.52a	
-1.0m	8.32a	13.21	8.73	7.43	6.46	5.08	4.09	3.38		
-2.0m	9.69a	13.03	8.57	7.3	6.35	5	4.03	3.35		
-3.0m	11.47a	12.88	8.46	7.21	6.27	4.91	3.98			
-4.0m	14.15a	12.82	8.42	7.18	6.2	4.84				

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.


4f 	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m			8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m			8.94r	7.85r	7.05r	5.30a	2.48a	2.08a	
-2.0m			10.36a	9.09r	8.02r	4.73a	2.50a	2.20a	
-3.0m			10.16b	8.91b	7.93b	3.23a	2.70a		
-4.0m			10.25b	7.93a	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m			
10.00			3.42a									
9.00					3.04a							
8.00						2.82a						
7.0m						2.90a	2.65a					
6.0m						2.94a	2.85a	2.36a				
5.0m						3.07a	3.04a	2.69a				
4.0m						2.93a	3.35a	3.30a	2.97a	2.04a		
3.0m						3.33a	3.73a	3.88a	3.71a	3.28a	2.37a	
2.0m						5.62a	5.40a	4.91a	4.36a	3.64a	2.58a	
1.0m						9.75b	9.58b	8.91b	6.99a	5.30a	4.04a	2.66a
0.0m						11.62b	10.55b	9.45b	7.67b	6.18	4.38a	2.52a
-1.0m						12.10b	10.62b	9.46b	7.76b	6.17	4.47a	
-2.0m						12.14b	10.65b	9.48b	7.78b	6.11	4.02a	
-3.0m						12.22b	10.72b	9.55b	7.78b	5.74b		
-4.0m						12.37b	10.80b	9.39b	6.75a			

4f 	RAIL	LEVEL ROAD @ 75% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00			3.38a						
9.00					3.02a				
8.00						2.61a			
7.0m						2.87a	1.86a		
6.0m						2.94a	2.45a	1.76a	
5.0m						3.02a	2.75a	1.69a	
4.0m					2.80a	3.25a	2.96a	1.68a	1.68a
3.0m				3.26a	3.33a	3.76a	3.13a	1.67a	1.67a
2.0m				5.53a	5.11a	4.46a	3.13a	1.74a	1.69a
1.0m			8.15b	7.15b	6.35b	4.93a	2.91a	1.82a	1.74a
0.0m		10.21a	8.13b	7.13b	6.34b	4.97a	2.92a	1.95a	1.82a
-1.0m	4.39a	5.82a	8.59	7.28	6.33	4.99	2.48a	2.08a	
-2.0m	3.84a	4.96a	8.53	7.24	6.28	4.73a	2.50a	2.20a	
-3.0m	6.26a	8.30a	8.54	7.24	6.28	3.23a	2.70a		
-4.0m	9.35a	13.03a	8.62	7.31	4.67a	3.59a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m			
10.00			3.42a									
9.00					3.04a							
8.00						2.82a						
7.0m						2.90a	2.65a					
6.0m						2.94a	2.85a	2.36a				
5.0m						3.07a	3.04a	2.69a				
4.0m						2.93a	3.35a	3.30a	2.97a	2.04a		
3.0m						3.33a	3.73a	3.88a	3.71a	3.28a	2.37a	
2.0m						5.62a	5.40a	4.91a	4.29	3.58	2.58a	
1.0m						9.22	7.85	6.82	5.37	4.33	3.58	2.66a
0.0m		13.18b	9.19	7.83	6.81	5.37	4.3	3.55	2.52a			
-1.0m	8.32a	14.06b	9.2	7.82	6.77	5.31	4.25	3.51				
-2.0m	9.69a	14	9.06	7.68	6.66	5.21	4.19	3.48				
-3.0m	11.47a	13.84	8.95	7.59	6.58	5.12	4.14					
-4.0m	14.15a	13.78	8.9	7.55	6.51	5.06						

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

5a	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.32	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.1	6.21	4.96	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.15	7.01	6.14	4.91	2.32a	2.12a	
-2.0m	3.93a	5.28a	8.11	6.97	6.11	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	8.14	6.98	6.11	3.27a	2.76a		
-4.0m	10.03a	12.25	8.22	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.18	4.28	3.58a	2.60a
1.0m			8.79	7.56	6.63	5.29	4.29	3.57	2.66a
0.0m	7.76a	12.92	8.77	7.55b	6.63	5.27	4.26	3.54	2.46a
-1.0m	8.53a	12.92	8.72	7.49	6.55	5.2	4.21	3.51	
-2.0m	9.98a	12.71	8.58	7.37	6.45	5.11	4.15	3.48	
-3.0m	11.85a	12.59	8.49	7.29	6.38	5.03	4.11		
-4.0m	14.92a	12.56	8.46	7.26	6.31	4.98			

5a	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.72a	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.28a	10.83a	9.36r	8.21r	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	10.17b	8.92b	7.94b	3.27a	2.76a		
-4.0m	10.03a	14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.19a	4.51a	3.71a	2.60a
1.0m			10.14b	9.81b	8.67	6.62	5.22	4.11a	2.66a
0.0m	7.76a	13.37b	11.84b	10.17b	8.65	6.63b	5.22	4.25	2.46a
-1.0m	8.53a	14.69b	12.11b	10.18	8.66	6.61	5.18	4.23	
-2.0m	9.98a	16.10b	12.15b	10.24b	8.7	6.52	5.13	3.65a	
-3.0m	11.85a	16.96b	12.24b	10.28	8.64	6.43a	5.09		
-4.0m	14.92a	17.07b	12.34b	10.19	8.52	5.06a			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

5b	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.88	2.3	1.75a	
5.0m						2.84	2.28	1.68a	
4.0m				2.49a	2.85a	2.78	2.24	1.66a	1.53
3.0m				3.52a	3.44	2.7	2.19	1.70a	1.52
2.0m				3.88	3.3	2.61	2.13	1.76a	1.5
1.0m			4.38	3.68	3.16	2.52	2.07	1.74	1.48
0.0m	7.14a	6.21	4.11	3.49	3.06	2.45	2.03	1.71	1.47
-1.0m	4.21a	5.54a	3.92	3.4	2.99	2.4	1.99	1.69	
-2.0m	3.93a	5.28a	3.89	3.37	2.96	2.38	1.98	1.69	
-3.0m	6.78a	5.71	3.92	3.38	2.97	2.38	2		
-4.0m	10.03a	5.83	3.99	3.45	3.03	2.47			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.24		
7.0m						2.9	2.33		
6.0m						2.91	2.37	1.89	
5.0m						2.89	2.37	1.92	
4.0m				2.51a	3.03a	2.87	2.35	1.93	1.54
3.0m				3.62a	3.56	2.84	2.34	1.92a	1.54
2.0m				4.01	3.52	2.81	2.33	1.9	1.53
1.0m			4.59	3.97	3.49	2.8	2.31	1.86	1.51
0.0m	7.76a	6.62	4.57	3.96	3.48	2.76	2.25	1.81	1.48
-1.0m	8.53a	6.44	4.46	3.85	3.38	2.68	2.19	1.76	
-2.0m	9.98a	6.25	4.33	3.74	3.28	2.62	2.11	1.73	
-3.0m	10.94	6.14	4.25	3.67	3.22	2.55	2.05		
-4.0m	10.92	6.11	4.22	3.65	3.17	2.49			

5b	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.97	1.66a	1.68a
3.0m				3.52a	3.52a	3.63	2.92	1.70a	1.67a
2.0m				5.42	4.56	3.53	2.85	1.76a	1.72a
1.0m			6.29	5.19	4.41	3.44	2.79	1.84a	1.77a
0.0m	7.14a	8.66a	5.96	4.97	4.29	3.36	2.74	1.95a	1.83a
-1.0m	4.21a	5.54a	5.75	4.87	4.21	3.31	2.32a	2.12a	
-2.0m	3.93a	5.28a	5.71	4.83	4.18	3.28	2.55a	2.22a	
-3.0m	6.78a	9.03a	5.74	4.84	4.18	3.27a	2.71		
-4.0m	10.03a	9.19	5.83	4.92	4.26	3.38			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.04	2.49	
4.0m				2.51a	3.03a	3.43a	3.08a	2.5	2.03
3.0m				3.62a	3.96a	3.79	3.08	2.50a	2.03
2.0m				5.57	4.81	3.76	3.08	2.48	2.02
1.0m			6.53	5.52	4.77	3.74	3.04	2.44	2
0.0m	7.76a	10.2	6.51	5.51	4.77	3.71	2.98	2.4	1.98
-1.0m	8.53a	9.97	6.38	5.39	4.65	3.62	2.9	2.35	
-2.0m	9.98a	9.73	6.23	5.26	4.54	3.54	2.82	2.31	
-3.0m	11.85a	9.6	6.13	5.18	4.47	3.47	2.77		
-4.0m	14.92a	9.55	6.09	5.15	4.42	3.4			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	27 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.51	1.94		
7.0m						2.54	1.83a		
6.0m						2.53	2	1.6	
5.0m						2.49	1.98	1.6	
4.0m				2.49a	2.85a	2.42	1.94	1.58	1.3
3.0m				3.52a	3	2.34	1.88	1.55	1.29
2.0m				3.38	2.86	2.25	1.83	1.52	1.27
1.0m			3.81	3.18	2.72	2.16	1.77	1.48	1.25
0.0m	7.14a	5.38	3.53	2.99	2.62	2.09	1.72	1.45	1.24
-1.0m	4.21a	4.97	3.35	2.9	2.55	2.04	1.69	1.43	
-2.0m	3.93a	4.82	3.32	2.87	2.52	2.02	1.68	1.43	
-3.0m	6.78a	4.89	3.34	2.88	2.52	2.03	1.7		
-4.0m	9.08	5	3.42	2.95	2.59	2.11			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.4			
8.00						2.54	1.94		
7.0m						2.56	2.04		
6.0m						2.55	2.07	1.63	
5.0m						2.53	2.06	1.66	
4.0m				2.51a	3.03a	2.51	2.05	1.67	1.31
3.0m				3.57	3.12	2.48	2.04	1.67	1.31
2.0m				3.51	3.08	2.45	2.03	1.64	1.3
1.0m			4.02	3.47	3.05	2.44	2	1.6	1.28
0.0m	7.76a	5.79	4	3.46	3.04	2.41	1.94	1.56	1.26
-1.0m	8.53a	5.62	3.89	3.35	2.94	2.32	1.89	1.5	
-2.0m	9.61	5.43	3.76	3.24	2.84	2.26	1.81	1.47	
-3.0m	9.48	5.32	3.67	3.17	2.78	2.19	1.75		
-4.0m	9.46	5.29	3.64	3.15	2.73	2.13			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.77	1.66a	1.68a
3.0m				3.52a	3.52a	3.37	2.71	1.70a	1.67a
2.0m				4.97	4.2	3.27	2.65	1.76a	1.72a
1.0m			5.72	4.74	4.05	3.18	2.59	1.84a	1.77a
0.0m	7.14a	8.57	5.41	4.53	3.93	3.1	2.54	1.95a	1.83a
-1.0m	4.21a	5.54a	5.2	4.44	3.86	3.05	2.32a	2.12a	
-2.0m	3.93a	5.28a	5.17	4.4	3.82	3.02	2.49	2.12	
-3.0m	6.78a	7.98	5.19	4.41	3.83	3.03	2.51		
-4.0m	10.03a	8.12	5.28	4.49	3.9	3.12			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.85	2.31	
5.0m						3.11a	2.88a	2.34	
4.0m				2.51a	3.03a	3.43a	2.89	2.35	1.9
3.0m				3.62a	3.96a	3.52	2.88	2.34	1.9
2.0m				5.11	4.43	3.49	2.87	2.32	1.89
1.0m			5.95	5.06	4.4	3.48	2.84	2.28	1.87
0.0m	7.76a	9.05	5.93	5.05	4.39	3.44	2.78	2.24	1.85
-1.0m	8.53a	8.84	5.81	4.94	4.28	3.35	2.7	2.19	
-2.0m	9.98a	8.62	5.66	4.81	4.18	3.28	2.63	2.15	
-3.0m	11.85a	8.49	5.57	4.73	4.11	3.21	2.57		
-4.0m	14.92a	8.45	5.53	4.71	4.06	3.14			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	28 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

5d	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±135° to ±150°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.88	1.66a	1.68a
3.0m				3.52a	3.52a	3.44	2.84	1.70a	1.67a
2.0m				4.8	4.16	3.35	2.78	1.76a	1.72a
1.0m			5.39	4.62	4.03	3.27	2.73	1.84a	1.77a
0.0m	7.14a	7.39	5.14	4.44	3.94	3.2	2.68	1.95a	1.83a
-1.0m	4.21a	5.54a	4.97	4.36	3.87	3.16	2.32a	2.12a	
-2.0m	3.93a	5.28a	4.94	4.32	3.84	3.13	2.55a	2.22a	
-3.0m	6.78a	6.96	4.96	4.34	3.85	3.14	2.66		
-4.0m	10.03a	7.06	5.03	4.4	3.91	3.22			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	2.97	2.47	
4.0m				2.51a	3.03a	3.43a	3	2.48	2.05
3.0m				3.62a	3.96a	3.57	2.98	2.47a	2.06
2.0m				4.92	4.36	3.54	2.98	2.45	2.04
1.0m			5.58	4.88	4.33	3.53	2.95	2.42	2.03
0.0m	7.76a	7.76	5.57	4.87	4.33	3.5	2.89	2.38	2
-1.0m	8.53a	7.6	5.47	4.78	4.23	3.42	2.82	2.34	
-2.0m	9.98a	7.43	5.35	4.67	4.15	3.36	2.76a	2.31	
-3.0m	11.85a	7.34	5.27	4.61	4.09	3.3	2.71		
-4.0m	11.96	7.31	5.24	4.59	4.04	3.24			

5d	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±135° to ±150°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.23	4.95	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7	6.12	4.87	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.05	6.91	6.04	4.82	2.32a	2.12a	
-2.0m	3.93a	5.28a	8.02	6.87	6.01	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	8.04	6.89	6.02	3.27a	2.76a		
-4.0m	10.03a	12.2	8.13	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.12	4.21	3.51	2.60a
1.0m			8.71b	7.48	6.55	5.21	4.22	3.5	2.66a
0.0m	7.76a	12.9	8.69	7.47	6.54	5.19	4.19	3.47	2.46a
-1.0m	8.53a	12.89	8.64	7.4	6.45	5.11	4.13	3.43	
-2.0m	9.98a	12.68	8.49	7.28	6.35	5.03	4.07	3.41	
-3.0m	11.85a	12.56	8.4	7.2	6.29	4.94	4.03		
-4.0m	14.92a	12.52	8.37	7.16	6.21	4.89			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	29 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

5e	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.72a	7.6	6.5	5.02	2.32a	2.12a	
-2.0m	3.93a	5.28a	9.1	7.56	6.46	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	9.13	7.58	6.47	3.27a	2.76a		
-4.0m	10.03a	14.26b	9.24	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.19a	4.30a	3.54	2.60a
1.0m			9.8	8.19	7.03	5.44	4.31	3.52	2.66a
0.0m	7.76a	13.37b	9.78	8.18	7.02	5.42	4.28	3.49	2.46a
-1.0m	8.53a	14.69b	9.8	8.17	6.98	5.35	4.22	3.45	
-2.0m	9.98a	16.07b	9.69	8.04	6.86	5.25	4.16	3.42	
-3.0m	11.85a	16.08	9.57	7.95	6.78	5.15	4.11a		
-4.0m	14.92a	16.02	9.54	7.89	6.69	5.06a			

5e	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a	
-1.0m	5.54a	8.72a	8.06r	7.21r	5.28a	2.32a	2.12a		
-2.0m	5.28a	10.83a	9.36r	8.21r	4.48a	2.55a	2.22a		
-3.0m	9.03a	10.17b	8.92b	7.94b	3.27a	2.76a			
-4.0m	14.26b	10.27b	6.17a	4.92a	3.64a				

UPPER SWL


	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.19a	4.51a	3.71a	2.60a
1.0m			10.14b	9.81b	8.74	6.51	5.04	4.06	2.66a
0.0m	13.37b	11.84b	10.41	8.71	6.52	5.03	4.04	2.46a	
-1.0m	14.69b	12.11b	10.42	8.72	6.48	4.98	4.01		
-2.0m	16.10b	12.15b	10.47b	8.78	6.38	4.92	3.65a		
-3.0m	16.96b	12.24b	10.61	8.71	6.28	4.88			
-4.0m	17.07b	12.34b	10.5	8.57	5.06a				

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.


5f 	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.72a	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.28a	10.83a	9.36r	8.21r	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	10.17b	8.92b	7.94b	3.27a	2.76a		
-4.0m	10.03a	14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.19a	4.51a	3.71a	2.60a
1.0m			10.14b	9.81b	9.04b	7.35b	5.50a	4.11a	2.66a
0.0m	7.76a	13.37b	11.84b	10.61b	9.46b	7.71b	6.39a	4.42a	2.46a
-1.0m	8.53a	14.69b	12.11b	10.63b	9.46b	7.76b	6.57b	4.43a	
-2.0m	9.98a	16.10b	12.15b	10.66b	9.49b	7.79b	6.38b	3.65a	
-3.0m	11.85a	16.96b	12.24b	10.74b	9.57b	7.71b	5.45a		
-4.0m	14.92a	17.07b	12.34b	10.66b	9.17b	5.06a			

5f 	RAIL	0 to 50mm CANT @ 75% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.72a	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.28a	10.83a	9.36r	8.21r	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	10.17b	8.92b	7.94b	3.27a	2.76a		
-4.0m	10.03a	14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.19a	4.51a	3.71a	2.60a
1.0m			10.14b	9.81b	9.04b	7.35b	5.50a	4.11a	2.66a
0.0m	7.76a	13.37b	11.84b	10.61b	9.46b	7.71b	6.39a	4.42a	2.46a
-1.0m	8.53a	14.69b	12.11b	10.63b	9.46b	7.76b	6.57b	4.43a	
-2.0m	9.98a	16.10b	12.15b	10.66b	9.49b	7.79b	6.38b	3.65a	
-3.0m	11.85a	16.96b	12.24b	10.74b	9.57b	7.71b	5.45a		
-4.0m	14.92a	17.07b	12.34b	10.66b	9.17b	5.06a			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

6a	RAIL	50 to 150mm CANT @ 75% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				5.46	4.8	3.94	3.09a	1.76a	1.72a
1.0m			6.07	5.29	4.68	3.86	2.93a	1.84a	1.77a
0.0m	7.14a	8.03	5.84	5.12	4.59	3.8	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	5.69	5.05	4.54	3.76	2.32a	2.12a	
-2.0m	3.93a	5.28a	5.66	5.02	4.51	3.73	2.55a	2.22a	
-3.0m	6.78a	7.65	5.68	5.03	4.51	3.27a	2.76a		
-4.0m	10.03a	7.74	5.75	5.09	4.57	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	2.92	2.12a
3.0m				3.62a	3.96a	4.02a	3.47a	2.93a	2.42a
2.0m				5.56	4.99	4.12	3.47	2.92	2.48
1.0m			6.24	5.53	4.96	4.11	3.44	2.89	2.46
0.0m	7.76a	8.34	6.23	5.52	4.96	4.08	3.4	2.86	2.45
-1.0m	8.53a	8.21	6.14	5.43	4.87	4	3.34	2.82	
-2.0m	9.98a	8.06	6.03	5.34	4.79	3.95	3.28	2.79	
-3.0m	11.85a	7.98	5.96	5.28	4.73	3.88	3.24		
-4.0m	12	7.95	5.93	5.26	4.69	3.83			

6a	RAIL	50 to 150mm CANT @ 75% of tipping load
	SECTOR	±10° OVER OSCILLATING AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.05	6.87	5.98	4.81	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	7.78	6.67	5.88	4.74	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	7.6	6.59	5.81	4.69	2.32a	2.12a	
-2.0m	3.93a	5.28a	7.56	6.55	5.78	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	7.59	6.56	5.78	3.27a	2.76a		
-4.0m	10.03a	11.1	7.66	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.01a	4.14	3.46a	2.60a
1.0m			8.25	7.15	6.3	5.07	4.14	3.45	2.66a
0.0m	7.76a	11.83	8.23	7.14	6.3	5.05	4.1	3.42	2.46a
-1.0m	8.53a	11.71	8.14	7.04	6.2	4.97	4.05	3.39	
-2.0m	9.98a	11.52	8	6.93	6.1	4.89	3.99	3.36	
-3.0m	11.85a	11.41	7.92	6.86	6.04	4.8	3.95		
-4.0m	14.92a	11.38	7.89	6.83	5.97	4.76			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	32 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

6b	RAIL	50 to 150mm CANT @ 75% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.3			
8.00						2.4	1.88		
7.0m						2.43	1.83a		
6.0m						2.42	1.94	1.57	
5.0m						2.38	1.92	1.57	
4.0m				2.49a	2.85a	2.32	1.88	1.55	1.29
3.0m				3.3	2.83	2.24	1.83	1.52	1.28
2.0m				3.15	2.7	2.16	1.78	1.49	1.26
1.0m			3.5	2.97	2.57	2.08	1.72	1.45	1.24
0.0m	7.14a	4.73	3.26	2.8	2.48	2.02	1.68	1.43	1.23
-1.0m	4.21a	4.38	3.09	2.72	2.42	1.97	1.65	1.41	
-2.0m	3.93a	4.25	3.06	2.69	2.39	1.95	1.63	1.41	
-3.0m	6.78a	4.31	3.08	2.7	2.39	1.95	1.66		
-4.0m	7.18	4.41	3.16	2.76	2.45	2.03			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.3			
8.00						2.43	1.88		
7.0m						2.45	1.98		
6.0m						2.44	2	1.59	
5.0m						2.43	2	1.63	
4.0m				2.51a	2.99	2.4	1.99	1.64	1.29
3.0m				3.33	2.94	2.37	1.98	1.63	1.3
2.0m				3.27	2.9	2.35	1.97	1.61	1.29
1.0m			3.69	3.23	2.87	2.34	1.94	1.57	1.27
0.0m	7.76a	5.08	3.67	3.22	2.86	2.31	1.89	1.52	1.24
-1.0m	7.79	4.93	3.57	3.13	2.77	2.23	1.83	1.48	
-2.0m	7.58	4.77	3.46	3.03	2.68	2.17	1.76	1.44	
-3.0m	7.48	4.68	3.38	2.96	2.63	2.11	1.7		
-4.0m	7.46	4.65	3.36	2.94	2.58	2.05			

6b	RAIL	50 to 150mm CANT @ 75% of tipping load
	SECTOR	±10° to ±45° OVER OSC AXLE (FRONT)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.58	1.68a	
4.0m				2.49a	2.85a	3.16	2.54	1.66a	1.68a
3.0m				3.52a	3.52a	3.07	2.49	1.70a	1.67a
2.0m				4.44	3.78	2.98	2.43	1.76a	1.72a
1.0m			5.04	4.23	3.64	2.89	2.38	1.84a	1.71
0.0m	7.14a	7.25	4.76	4.03	3.53	2.82	2.33	1.95a	1.69
-1.0m	4.21a	5.54a	4.57	3.94	3.46	2.77	2.29	1.95	
-2.0m	3.93a	5.28a	4.54	3.91	3.43	2.74	2.28	1.95	
-3.0m	6.78a	6.73	4.56	3.92	3.43	2.75	2.3		
-4.0m	10.03a	6.85	4.64	3.99	3.5	2.83			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.61		
6.0m						2.96a	2.66	2.14	
5.0m						3.11a	2.67	2.17	
4.0m				2.51a	3.03a	3.24	2.66	2.18	1.76
3.0m				3.62a	3.96a	3.21	2.65	2.17	1.76
2.0m				4.57	4	3.19	2.64	2.15	1.75
1.0m			5.26	4.53	3.97	3.17	2.61	2.11	1.73
0.0m	7.76a	7.68	5.24	4.51	3.96	3.14	2.55	2.07	1.71
-1.0m	8.53a	7.49	5.13	4.41	3.86	3.06	2.49	2.02	
-2.0m	9.98a	7.3	4.99	4.3	3.76	2.99	2.41	1.98	
-3.0m	11.85a	7.18	4.9	4.22	3.7	2.92	2.35		
-4.0m	13.22	7.15	4.87	4.2	3.65	2.86			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	33 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.13			
8.00						2.24	1.71		
7.0m						2.26	1.76		
6.0m						2.25	1.77	1.4	
5.0m						2.21	1.75	1.4	
4.0m				2.49a	2.8	2.15	1.71	1.38	1.13
3.0m				3.16	2.67	2.07	1.66	1.35	1.12
2.0m				3	2.52	1.98	1.6	1.32	1.1
1.0m			3.37	2.8	2.39	1.89	1.54	1.28	1.08
0.0m	7.14a	4.76	3.1	2.61	2.28	1.82	1.5	1.25	1.07
-1.0m	4.21a	4.34	2.91	2.52	2.22	1.77	1.46	1.23	
-2.0m	3.93a	4.19	2.88	2.49	2.18	1.75	1.45	1.24	
-3.0m	6.78a	4.26	2.9	2.5	2.19	1.75	1.47		
-4.0m	7.97	4.38	2.98	2.57	2.25	1.84			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.13			
8.00						2.27	1.71		
7.0m						2.29	1.81		
6.0m						2.28	1.84	1.43	
5.0m						2.26	1.84	1.46	
4.0m				2.51a	2.84	2.24	1.82	1.48	1.14
3.0m				3.19	2.79	2.21	1.81	1.47	1.14
2.0m				3.13	2.74	2.18	1.8	1.44	1.13
1.0m			3.58	3.09	2.71	2.17	1.78	1.41	1.11
0.0m	7.76a	5.17	3.56	3.08	2.7	2.13	1.72	1.36	1.08
-1.0m	8.53a	4.99	3.45	2.98	2.6	2.05	1.66	1.31	
-2.0m	8.5	4.8	3.32	2.86	2.51	1.99	1.58	1.27	
-3.0m	8.37	4.69	3.24	2.79	2.45	1.92	1.52		
-4.0m	8.35	4.66	3.21	2.77	2.4	1.86			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.4	1.75a	
5.0m						2.98	2.38	1.68a	
4.0m				2.49a	2.85a	2.92	2.34	1.66a	1.59
3.0m				3.52a	3.52a	2.83	2.29	1.70a	1.58
2.0m				4.12	3.49	2.74	2.23	1.76a	1.56
1.0m			4.68	3.91	3.35	2.65	2.17	1.82	1.55
0.0m	7.14a	6.78	4.4	3.71	3.24	2.58	2.12	1.79	1.53
-1.0m	4.21a	5.54a	4.2	3.62	3.17	2.53	2.09	1.77	
-2.0m	3.93a	5.28a	4.17	3.58	3.14	2.5	2.07	1.77	
-3.0m	6.78a	6.25	4.19	3.59	3.14	2.51	2.1		
-4.0m	10.03a	6.37	4.28	3.67	3.21	2.59			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.43		
6.0m						2.96a	2.47	1.96	
5.0m						3.03	2.47	2.00a	
4.0m				2.51a	3.03a	3.01	2.46	2.01	1.6
3.0m				3.62a	3.76	2.98	2.45	2	1.61
2.0m				4.25	3.71	2.95	2.44	1.98	1.59
1.0m			4.9	4.21	3.68	2.94	2.41	1.94	1.57
0.0m	7.76a	7.22	4.88	4.2	3.68	2.9	2.35	1.89	1.55
-1.0m	8.53a	7.03	4.77	4.09	3.57	2.82	2.29	1.84	
-2.0m	9.98a	6.82	4.63	3.98	3.47	2.75	2.21	1.8	
-3.0m	11.85a	6.71	4.54	3.9	3.41	2.68	2.15		
-4.0m	12.6	6.67	4.51	3.88	3.36	2.62			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	34 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.4	1.75a	
5.0m						2.92	2.39	1.68a	
4.0m				2.49a	2.85a	2.86	2.35	1.66a	1.66
3.0m				3.52a	3.47	2.79	2.3	1.70a	1.65
2.0m				3.85	3.34	2.7	2.25	1.76a	1.63
1.0m			4.28	3.67	3.22	2.63	2.2	1.84a	1.62
0.0m	7.14a	5.71	4.04	3.51	3.12	2.56	2.15	1.84	1.6
-1.0m	4.21a	5.37	3.88	3.43	3.06	2.52	2.12	1.83	
-2.0m	3.93a	5.25	3.85	3.4	3.04	2.49	2.11	1.83	
-3.0m	6.78a	5.31	3.87	3.41	3.04	2.5	2.13		
-4.0m	8.49	5.4	3.94	3.47	3.1	2.57			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.43		
6.0m						2.96a	2.47	2.01	
5.0m						2.96	2.47	2.04	
4.0m				2.51a	3.03a	2.94	2.46	2.04	1.67
3.0m				3.62a	3.57	2.91	2.44	2.04	1.67
2.0m				3.96	3.53	2.89	2.44	2.02	1.66
1.0m			4.45	3.92	3.5	2.88	2.41	1.98	1.64
0.0m	7.76a	6.04	4.44	3.91	3.5	2.84	2.36	1.94	1.62
-1.0m	8.53a	5.9	4.35	3.83	3.41	2.77	2.3	1.89	
-2.0m	8.86	5.75	4.23	3.73	3.32	2.71	2.23	1.86	
-3.0m	8.76	5.66	4.16	3.66	3.27	2.65	2.18		
-4.0m	8.75	5.63	4.13	3.65	3.22	2.6			

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

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.36	4.31	3.09a	1.76a	1.72a
1.0m			6.98	5.98	5.23	4.23	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	6.72	5.8	5.13	4.16	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	6.54	5.71	5.06	4.11	2.32a	2.12a	
-2.0m	3.93a	5.28a	6.51	5.68	5.03	4.09	2.55a	2.22a	
-3.0m	6.78a	9.03a	6.54	5.69	5.04	3.27a	2.76a		
-4.0m	10.03a	9.38	6.61	5.76	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.69a	3.11	2.42a
2.0m				6.26	5.57	4.51	3.72	3.1	2.60a
1.0m			7.18	6.25	5.54	4.5	3.7	3.08	2.61
0.0m	7.76a	10.11	7.16	6.24	5.53	4.46	3.66	3.04	2.46a
-1.0m	8.53a	9.95	7.06	6.15	5.43	4.38	3.6	3.01	
-2.0m	9.98a	9.77	6.93	6.04	5.34	4.32	3.54	2.98	
-3.0m	11.85a	9.67	6.85	5.97	5.28	4.24	3.49		
-4.0m	14.92a	9.64	6.82	5.95	5.23	4.19			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	35 Of 38

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

6e	RAIL	50 to 150mm CANT @ 75% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				5.84	5.13	4.2	3.09a	1.76a	1.72a
1.0m			6.52	5.67	5.01	4.12	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	6.29	5.5	4.92	4.06	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	6.13	5.43	4.86	4.02	2.32a	2.12a	
-2.0m	3.93a	5.28a	6.1	5.4	4.83	3.99	2.55a	2.22a	
-3.0m	6.78a	8.31	6.12	5.41	4.84	3.27a	2.76a		
-4.0m	10.03a	8.4	6.19	5.47	4.9	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.65	3.09	2.42a
2.0m				5.95	5.32	4.38	3.67	3.09	2.60a
1.0m			6.69	5.92	5.3	4.37	3.65	3.06	2.62
0.0m	7.76a	9.03	6.68	5.91	5.29	4.34	3.61	3.03	2.46a
-1.0m	8.53a	8.89	6.59	5.82	5.2	4.27	3.55	3	
-2.0m	9.98a	8.74	6.48	5.72	5.12	4.21	3.49	2.97	
-3.0m	11.85a	8.65	6.4	5.66	5.06	4.13	3.45		
-4.0m	13.24	8.62	6.38	5.64	5.02	4.09			

6e	RAIL	50 to 150mm CANT @ 75% of tipping load
	SECTOR	±150° to ±160°
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			7.75	6.74	5.96	4.89	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	7.51	6.57	5.86	4.82	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	7.35	6.49	5.8	4.78	2.32a	2.12a	
-2.0m	3.93a	5.28a	7.32	6.46	5.77	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	7.34	6.47	5.78	3.27a	2.76a		
-4.0m	10.03a	10.14	7.41	6.17a	4.92a	3.64a			

UPPER SWL


	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.06	4.24a	3.60a	2.60a
1.0m			7.93	6.99	6.25	5.13	4.25	3.59	2.66a
0.0m	7.76a	10.79	7.92	6.98	6.24	5.11	4.22	3.56a	2.46a
-1.0m	8.53a	10.64	7.82	6.89	6.15	5.03	4.17	3.53	
-2.0m	9.98a	10.49	7.71	6.79	6.07	4.96	4.12	3.51	
-3.0m	11.85a	10.4	7.63	6.73	6.01	4.88	4.08		
-4.0m	14.92a	10.37	7.61	6.7	5.95	4.84			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.


6f 	RAIL	50 to 150mm CANT @ 75% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.72a	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.28a	10.83a	9.36r	8.21r	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	10.17b	8.92b	7.94b	3.27a	2.76a		
-4.0m	10.03a	14.26b	10.27b	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.19a	4.51a	3.71a	2.60a
1.0m			10.14b	9.81b	9.04b	7.35b	5.50a	4.11a	2.66a
0.0m	7.76a	13.37b	11.84b	10.61b	9.46b	7.71b	6.39a	4.42a	2.46a
-1.0m	8.53a	14.69b	12.11b	10.63b	9.46b	7.76b	6.57b	4.43a	
-2.0m	9.98a	16.10b	12.15b	10.66b	9.49b	7.79b	6.38b	3.65a	
-3.0m	11.85a	16.96b	12.24b	10.74b	9.57b	7.71b	5.45a		
-4.0m	14.92a	17.07b	12.34b	10.66b	9.17b	5.06a			

6f 	RAIL	50 to 150mm CANT @ 75% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.52a	1.75a	
5.0m						3.05a	2.79a	1.68a	
4.0m				2.49a	2.85a	3.31a	2.99a	1.66a	1.68a
3.0m				3.52a	3.52a	3.91a	3.15a	1.70a	1.67a
2.0m				6.11a	5.61a	4.57a	3.09a	1.76a	1.72a
1.0m			8.15b	7.14b	6.35b	4.95a	2.93a	1.84a	1.77a
0.0m	7.14a	8.66a	8.13b	7.13b	6.34b	5.07a	2.88a	1.95a	1.83a
-1.0m	4.21a	5.54a	8.72a	8.06r	7.21r	5.28a	2.32a	2.12a	
-2.0m	3.93a	5.28a	9.36	8.31	7.46	4.48a	2.55a	2.22a	
-3.0m	6.78a	9.03a	9.38	8.31	7.47	3.27a	2.76a		
-4.0m	10.03a	12.66	9.44	6.17a	4.92a	3.64a			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.70a		
6.0m						2.96a	2.89a	2.43a	
5.0m						3.11a	3.08a	2.74a	
4.0m				2.51a	3.03a	3.43a	3.36a	3.02a	2.12a
3.0m				3.62a	3.96a	4.02a	3.81a	3.34a	2.42a
2.0m				6.49a	5.96a	5.19a	4.51a	3.71a	2.60a
1.0m			9.8	8.68	7.79	6.45	5.40a	4.11a	2.66a
0.0m	7.76a	13.12b	9.78	8.67b	7.78	6.46	5.41	4.42a	2.46a
-1.0m	8.53a	13.13	9.79	8.68	7.8	6.43	5.38	4.43a	
-2.0m	9.98a	12.99	9.72	8.62	7.74	6.36	5.34	3.65a	
-3.0m	11.85a	12.91	9.65	8.56	7.69	6.3	5.31		
-4.0m	14.92a	12.88	9.63	8.52	7.61	5.06a			

NOTES Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm

MACHINE TYPE	Terex Gigarailer 12	4m Crane Arm
SERIAL NUMBER	168M301650	
RAIL AXLE NUMBER	2044	
EQUIPMENT	1m92 + 3m339 + 4m0	
DATE	03rd May 2006	
ISSUE	1	



This machine is equipped with a Prolec Rexwatch RCI.

6+	RAIL	>150mm CANT @ 75% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	FLOAT (LIFT & CARRY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				2.99					
9.00						2.01			
8.00						2.11	1.61		
7.0m						2.14	1.67		
6.0m						2.13	1.67	1.33	
5.0m						2.09	1.65	1.32	
4.0m				2.49a	2.64	2.03	1.61	1.31	1.06
3.0m				2.97	2.51	1.95	1.56	1.27	1.05
2.0m				2.81	2.37	1.86	1.5	1.24	1.03
1.0m			3.14	2.61	2.23	1.77	1.45	1.21	1.02
0.0m	7.14a	4.37	2.88	2.43	2.13	1.71	1.4	1.18	1
-1.0m	4.21a	3.97	2.7	2.34	2.06	1.66	1.37	1.16	
-2.0m	3.93a	3.83	2.66	2.31	2.03	1.63	1.35	1.16	
-3.0m	6.78a	3.9	2.69	2.32	2.04	1.64	1.38		
-4.0m	7.09	4.01	2.76	2.39	2.1	1.72			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				2.99					
9.00						2.01			
8.00						2.14	1.61		
7.0m						2.16	1.71		
6.0m						2.16	1.74	1.35	
5.0m						2.14	1.74	1.38	
4.0m				2.51a	2.68	2.11	1.73	1.4	1.07
3.0m				3	2.62	2.08	1.71	1.39	1.07
2.0m				2.93	2.58	2.06	1.71	1.37	1.06
1.0m			3.34	2.89	2.55	2.05	1.68	1.33	1.04
0.0m	7.76a	4.77	3.33	2.88	2.54	2.01	1.62	1.28	1.02
-1.0m	7.83	4.6	3.22	2.79	2.44	1.93	1.56	1.23	
-2.0m	7.58	4.42	3.09	2.68	2.35	1.87	1.48	1.19	
-3.0m	7.45	4.31	3.01	2.61	2.29	1.8	1.43		
-4.0m	7.44	4.28	2.98	2.59	2.24	1.74			

6+	RAIL	>150mm CANT @ 75% of tipping load
	SECTOR	±20° OVER FIXED AXLE (REAR)
	OSC. AXLE	LOCKED (STATIC LIFT ONLY)

LOWER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.02a					
9.00						2.34a			
8.00						2.71a	2.03a		
7.0m						2.89a	1.83a		
6.0m						2.95a	2.42	1.75a	
5.0m						3.05a	2.4	1.68a	
4.0m				2.49a	2.85a	3	2.35	1.66a	1.55
3.0m				3.52a	3.52a	2.91	2.3	1.70a	1.54
2.0m				4.46	3.69	2.81	2.23	1.76a	1.52
1.0m			5.21	4.21	3.53	2.71	2.17	1.79	1.5
0.0m	7.14a	8.35	4.86	3.98	3.4	2.63	2.12	1.75	1.49
-1.0m	4.21a	5.54a	4.63	3.87	3.32	2.57	2.08	1.73	
-2.0m	3.93a	5.28a	4.59	3.83	3.28	2.54	2.06	1.73	
-3.0m	6.78a	7.64	4.62	3.84	3.29	2.55	2.09		
-4.0m	10.03a	7.81	4.72	3.93	3.37	2.64			

UPPER SWL

	2.0m	3.0m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
10.00				3.11a					
9.00						2.49a			
8.00						2.85a	2.27a		
7.0m						2.91a	2.45		
6.0m						2.96a	2.5	1.95	
5.0m						3.11a	2.5	1.98	
4.0m				2.51a	3.03a	3.1	2.48	1.99	1.56
3.0m				3.62a	3.96a	3.07	2.47	1.98	1.56
2.0m				4.62	3.95	3.04	2.46	1.96	1.55
1.0m			5.47	4.57	3.91	3.03	2.43	1.92	1.53
0.0m	7.76a	8.94	5.45	4.55	3.9	2.98	2.36	1.87	1.5
-1.0m	8.53a	8.69	5.31	4.43	3.78	2.89	2.3	1.81	
-2.0m	9.98a	8.42	5.15	4.29	3.67	2.81	2.21	1.77	
-3.0m	11.85a	8.26	5.04	4.2	3.59	2.74	2.14		
-4.0m	14.92a	8.21	5	4.18	3.53	2.67			

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point 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 upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of maximum system hydraulic pressure). All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 25mm
PAGE	38 Of 38