

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd 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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
	10.00									
	9.00									
	8.5m									
	8.0m			7.47a	7.26a					
	7.0m				6.98a	6.41a				
	6.0m			6.13a	6.75a	7.09a	4.56a			
	5.0m				7.16a	7.18	5.46	4.27a		
	4.0m	9.89a	10.29a		8.53	7.14	5.39	4.11a		
	3.0m	7.15a	7.22a	7.50a	7.89	7.08	5.3	4.21a	3.57	
	2.0m		7.42a	7.10a	7.10a	6.97	5.23	4.25	3.55	
	1.0m		9.37a	7.81a	7.11a	6.84	5.17	4.21	3.54	
	0.0m		7.76a	8.33a	7.95	6.73	5.15	4.19		
	-1.0m	7.09a	7.33a	7.77a	7.88	6.7	5.17	4.21		
	-2.0m	13.60a	12.13	9.6	7.93	6.76	5.22			
-3.0m	16.64	12.3	9.76							
-4.0m										

UPPER SWL		2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
	10.00									
	9.00									
	8.5m									
	8.0m			7.70a	7.26a					
	7.0m				7.01a	6.91a				
	6.0m			6.27a	7.02a	7.18a	5.59			
	5.0m				7.98a	7.33	5.63	4.42		
	4.0m	10.15a	10.38a		8.55	7.29	5.61	4.45		
	3.0m	8.04a	10.44a	9.73	8.5	7.26	5.6	4.44	3.59	
	2.0m		11.77a	10.24	8.49	7.25	5.58	4.42	3.58	
	1.0m		12.3	10.06	8.37	7.15	5.5	4.37	3.56	
	0.0m		11.35a	9.9	8.24	7.04	5.42	4.31		
	-1.0m	12.94a	12.33	9.81	8.15	6.96	5.34	4.26		
	-2.0m	16.58	12.3	9.78	8.11	6.92	5.27			
-3.0m	16.66	12.35	9.78							
-4.0m										

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

LOWER SWL		2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
	10.00									
	9.00									
	8.5m									
	8.0m			7.47a	7.26a					
	7.0m				6.98a	6.41a				
	6.0m			6.13a	6.75a	7.09a	4.56a			
	5.0m				7.16a	7.63a	6.35a	4.27a		
	4.0m				10.03b	8.63b	6.72b	4.11a		
	3.0m			7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
	2.0m			7.10a	7.10a	8.58b	7.06r	4.41a	4.23a	
	1.0m			7.81a	7.11a	9.74r	7.82r	4.74a	4.44a	
	0.0m			8.33a	9.17a	10.52a	8.75b	5.29a		
	-1.0m			7.77a	9.90a	10.78b	7.09a	5.82a		
	-2.0m			15.05b	12.61b	10.85b	8.23a			
-3.0m			15.26b							
-4.0m										

UPPER SWL		2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
	10.00									
	9.00									
	8.5m									
	8.0m			7.70a	7.26a					
	7.0m				7.01a	6.91a				
	6.0m			6.27a	7.02a	7.18a	6.87a			
	5.0m				7.98a	8.31a	7.96a	6.58r		
	4.0m				10.27b	10.63b	8.91r	7.32		
	3.0m			9.99a	10.50b	10.72b	9.56r	7.34	5.4	
	2.0m			12.35a	12.05b	11.62b	9.99b	7.31	5.39	
	1.0m			16.42b	13.84b	12.62b	9.99b	7.25	5.37	
	0.0m			16.87b	14.81b	12.79b	10.01b	7.16		
	-1.0m			17.81b	14.94b	12.86b	10.09b	7.09		
	-2.0m			17.84b	15.00b	12.87b	9.26b			
-3.0m			15.40b							
-4.0m										

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 1 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			6.32	5.15					
7.0m				5.29	4.47				
6.0m			6.13a	5.27	4.46	3.37			
5.0m				5.19	4.38	3.34	2.65		
4.0m	9.79	7.25		5.2	4.34	3.27	2.63		
3.0m	7.15a	7.22a	5.68	4.6	4.29	3.19	2.58	2.14	
2.0m		7.12	5.62	4.59	4.18	3.11	2.54	2.12	
1.0m		6.97	5.53	4.55	4.06	3.06	2.51	2.11	
0.0m		7.04	5.62	4.65	3.95	3.04	2.49		
-1.0m	7.09a	6.87	5.51	4.59	3.93	3.06	2.51		
-2.0m	9.1	6.91	5.56	4.64	3.98	3.1			
-3.0m	9.3	7.07	5.71						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			6.35	5.15					
7.0m				5.33	4.54				
6.0m			6.27a	5.32	4.55	3.47			
5.0m				5.28	4.52	3.5	2.71		
4.0m	9.90a	7.37		5.22	4.48	3.48	2.74		
3.0m	8.04a	7.28	5.73	5.18	4.46	3.48	2.73	2.16	
2.0m		7.13	6.15	5.16	4.45	3.45	2.71	2.15	
1.0m		7.07	5.98	5.05	4.36	3.37	2.66	2.13	
0.0m		7.16	5.84	4.92	4.25	3.3	2.6		
-1.0m	9.24	7.1	5.76	4.84	4.17	3.22	2.55		
-2.0m	9.24	7.07	5.73	4.81	4.13	3.15			
-3.0m	9.32	7.12	5.72						
-4.0m									

<b>1b</b>	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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.21	4.27a		
4.0m	9.89a	10.29a		10.03b	8.62	6.12	4.11a		
3.0m	7.15a	7.22a	7.50a	8.42a	8.55	6.01	4.21a	3.8	
2.0m		7.42a	7.10a	7.10a	8.41	5.92	4.41a	3.78	
1.0m		9.37a	7.81a	7.11a	8.24	5.86	4.6	3.76	
0.0m		7.76a	8.33a	9.17a	8.09	5.83	4.58		
-1.0m	7.09a	7.33a	7.77a	9.90a	8.07	5.85	4.59		
-2.0m	13.60a	14.89a	13.04	10.02	8.13	5.91			
-3.0m	24.69b	18.86b	13.27						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.32a			
5.0m				7.98a	8.31a	6.40a	4.83		
4.0m	10.15a	10.38a		10.27b	8.8	6.39	4.87		
3.0m	8.04a	10.44a	9.99a	10.50b	8.76	6.38	4.86	3.82	
2.0m		11.77a	12.35a	10.69	8.75	6.35	4.83	3.81	
1.0m		18.87	13.7	10.62	8.64	6.25	4.77	3.79	
0.0m		11.35a	13.48	10.43	8.49	6.15	4.71		
-1.0m	12.94a	17.31a	13.35	10.32	8.39	6.06	4.65		
-2.0m	18.93a	18.87	13.3	10.26	8.34	5.97			
-3.0m	25.00b	18.95	13.3						
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	2 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd 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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			6.32	5.15					
7.0m				5.29	4.47				
6.0m			6.13a	5.27	4.46	3.37			
5.0m				5.19	4.38	3.34	2.65		
4.0m	9.79	7.25		5.2	4.34	3.27	2.63		
3.0m	7.15a	7.22a	5.68	4.6	4.29	3.19	2.58	2.14	
2.0m		7.12	5.62	4.59	4.18	3.11	2.54	2.12	
1.0m		6.97	5.53	4.55	4.06	3.06	2.51	2.11	
0.0m		7.04	5.62	4.65	3.95	3.04	2.49		
-1.0m	7.09a	6.87	5.51	4.59	3.93	3.06	2.51		
-2.0m	9.1	6.91	5.56	4.64	3.98	3.1			
-3.0m	9.3	7.07	5.71						
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			6.35	5.15					
7.0m				5.33	4.54				
6.0m			6.27a	5.32	4.55	3.47			
5.0m				5.28	4.52	3.5	2.71		
4.0m	9.90a	7.37		5.22	4.48	3.48	2.74		
3.0m	8.04a	7.28	5.73	5.18	4.46	3.48	2.73	2.16	
2.0m		7.13	6.15	5.16	4.45	3.45	2.71	2.15	
1.0m		7.07	5.98	5.05	4.36	3.37	2.66	2.13	
0.0m		7.16	5.84	4.92	4.25	3.3	2.6		
-1.0m	9.24	7.1	5.76	4.84	4.17	3.22	2.55		
-2.0m	9.24	7.07	5.73	4.81	4.13	3.15			
-3.0m	9.32	7.12	5.72						
-4.0m									

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

LOWER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.18	5.46	4.27a		
4.0m	9.89a	10.29a		8.53	7.14	5.39	4.11a		
3.0m	7.15a	7.22a	7.50a	7.89	7.08	5.3	4.21a	3.57	
2.0m		7.42a	7.10a	7.10a	6.97	5.23	4.25	3.55	
1.0m		9.37a	7.81a	7.11a	6.84	5.17	4.21	3.54	
0.0m		7.76a	8.33a	7.95	6.73	5.15	4.19		
-1.0m	7.09a	7.33a	7.77a	7.88	6.7	5.17	4.21		
-2.0m	13.60a	12.13	9.6	7.93	6.76	5.22			
-3.0m	16.64	12.3	9.76						
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	5.59			
5.0m				7.98a	7.33	5.63	4.42		
4.0m	10.15a	10.38a		8.55	7.29	5.61	4.45		
3.0m	8.04a	10.44a	9.73	8.5	7.26	5.6	4.44	3.59	
2.0m		11.77a	10.24	8.49	7.25	5.58	4.42	3.58	
1.0m		12.3	10.06	8.37	7.15	5.5	4.37	3.56	
0.0m		11.35a	9.9	8.24	7.04	5.42	4.31		
-1.0m	12.94a	12.33	9.81	8.15	6.96	5.34	4.26		
-2.0m	16.58	12.3	9.78	8.11	6.92	5.27			
-3.0m	16.66	12.35	9.78						
-4.0m									

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 3 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m				10.03b	8.63b	6.72b	4.11a		
3.0m			7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m			7.10a	7.10a	8.58b	7.06r	4.41a	4.23a	
1.0m			7.81a	7.11a	9.74r	7.82r	4.74a	4.44a	
0.0m			8.33a	9.17a	10.52a	8.75b	5.29a		
-1.0m			7.77a	9.90a	10.78b	7.09a	5.82a		
-2.0m			15.05b	12.61b	10.85b	8.23a			
-3.0m			15.26b						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.96a	6.58r		
4.0m				10.27b	10.63b	8.91r	7.32		
3.0m			9.99a	10.50b	10.72b	9.56r	7.34	5.4	
2.0m			12.35a	12.05b	11.62b	9.99b	7.31	5.39	
1.0m			16.42b	13.84b	12.62b	9.99b	7.25	5.37	
0.0m			16.87b	14.81b	12.79b	10.01b	7.16		
-1.0m			17.81b	14.94b	12.86b	10.09b	7.09		
-2.0m			17.84b	15.00b	12.87b	9.26b			
-3.0m			15.40b						
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.18	5.46	4.27a		
4.0m	9.89a	10.29a		8.53	7.14	5.39	4.11a		
3.0m	7.15a	7.22a	7.50a	7.89	7.08	5.3	4.21a	3.57	
2.0m		7.42a	7.10a	7.10a	6.97	5.23	4.25	3.55	
1.0m		9.37a	7.81a	7.11a	6.84	5.17	4.21	3.54	
0.0m		7.76a	8.33a	7.95	6.73	5.15	4.19		
-1.0m	7.09a	7.33a	7.77a	7.88	6.7	5.17	4.21		
-2.0m	13.60a	12.13	9.6	7.93	6.76	5.22			
-3.0m	16.64	12.3	9.76						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	5.59			
5.0m				7.98a	7.33	5.63	4.42		
4.0m	10.15a	10.38a		8.55	7.29	5.61	4.45		
3.0m	8.04a	10.44a	9.73	8.5	7.26	5.6	4.44	3.59	
2.0m		11.77a	10.24	8.49	7.25	5.58	4.42	3.58	
1.0m		12.3	10.06	8.37	7.15	5.5	4.37	3.56	
0.0m		11.35a	9.9	8.24	7.04	5.42	4.31		
-1.0m	12.94a	12.33	9.81	8.15	6.96	5.34	4.26		
-2.0m	16.58	12.3	9.78	8.11	6.92	5.27			
-3.0m	16.66	12.35	9.78						
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	4 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd 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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m				10.03b	8.63b	6.72b	4.11a		
3.0m			7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m			7.10a	7.10a	8.58b	7.06r	4.41a	4.23a	
1.0m			7.81a	7.11a	9.74r	7.82r	4.74a	4.44a	
0.0m			8.33a	9.17a	10.52a	8.75b	5.29a		
-1.0m			7.77a	9.90a	10.78b	7.09a	5.82a		
-2.0m			15.05b	12.61b	10.85b	8.23a			
-3.0m			15.26b						
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.96a	6.58r		
4.0m				10.27b	10.63b	8.91r	7.32		
3.0m			9.99a	10.50b	10.72b	9.56r	7.34	5.4	
2.0m			12.35a	12.05b	11.62b	9.99b	7.31	5.39	
1.0m			16.42b	13.84b	12.62b	9.99b	7.25	5.37	
0.0m			16.87b	14.81b	12.79b	10.01b	7.16		
-1.0m			17.81b	14.94b	12.86b	10.09b	7.09		
-2.0m			17.84b	15.00b	12.87b	9.26b			
-3.0m			15.40b						
-4.0m									

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

LOWER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.21	4.27a		
4.0m	9.89a	10.29a		10.03b	8.62	6.12	4.11a		
3.0m	7.15a	7.22a	7.50a	8.42a	8.55	6.01	4.21a	3.8	
2.0m		7.42a	7.10a	7.10a	8.41	5.92	4.41a	3.78	
1.0m		9.37a	7.81a	7.11a	8.24	5.86	4.6	3.76	
0.0m		7.76a	8.33a	9.17a	8.09	5.83	4.58		
-1.0m	7.09a	7.33a	7.77a	9.90a	8.07	5.85	4.59		
-2.0m	13.60a	14.89a	13.04	10.02	8.13	5.91			
-3.0m	24.69b	18.86b	13.27						
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.32a			
5.0m				7.98a	8.31a	6.40a	4.83		
4.0m	10.15a	10.38a		10.27b	8.8	6.39	4.87		
3.0m	8.04a	10.44a	9.99a	10.50b	8.76	6.38	4.86	3.82	
2.0m		11.77a	12.35a	10.69	8.75	6.35	4.83	3.81	
1.0m		18.87	13.7	10.62	8.64	6.25	4.77	3.79	
0.0m		11.35a	13.48	10.43	8.49	6.15	4.71		
-1.0m	12.94a	17.31a	13.35	10.32	8.39	6.06	4.65		
-2.0m	18.93a	18.87	13.3	10.26	8.34	5.97			
-3.0m	25.00b	18.95	13.3						
-4.0m									

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	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd 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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m	9.89a	10.29a		10.03b	8.63b	6.72b	4.11a		
3.0m	7.15a	7.22a	7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m		7.42a	7.10a	7.10a	8.58b	7.06r	4.41a	4.23a	
1.0m		9.37a	7.81a	7.11a	9.74r	7.27	4.74a	4.44a	
0.0m		7.76a	8.33a	9.17a	10.13	7.24	5.29a		
-1.0m	7.09a	7.33a	7.77a	9.90a	10.1	7.09a	5.67		
-2.0m	13.60a	14.89a	15.05b	12.61b	10.17	7.32			
-3.0m	24.69b	18.86b	15.26b						
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.71	5.89		
4.0m	10.15a	10.38a		10.27b	10.63b	7.72	5.93		
3.0m	8.04a	10.44a	9.99a	10.50b	10.61	7.7	5.93	4.69	
2.0m		11.77a	12.35a	12.05b	10.6	7.7	5.9	4.68	
1.0m		21.32b	16.42b	13.06b	10.62	7.67	5.84	4.66	
0.0m		11.35a	16.87b	13.06	10.55	7.57	5.78		
-1.0m	12.94a	17.31a	16.99	12.94	10.44	7.47	5.72		
-2.0m	18.93a	21.89b	16.93	12.88	10.39	7.38			
-3.0m	25.00b	19.42b	15.40b						
-4.0m									

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

LOWER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m	9.89a	10.29a		10.03b	8.63b	6.72b	4.11a		
3.0m	7.15a	7.22a	7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m		7.42a	7.10a	7.10a	8.58b	6.68	4.41a	4.23a	
1.0m		9.37a	7.81a	7.11a	8.68	6.63	4.74a	4.44a	
0.0m		7.76a	8.33a	9.17a	8.57	6.6	5.29a		
-1.0m	7.09a	7.33a	7.77a	9.90a	8.55	6.62	5.41		
-2.0m	13.60a	14.89a	12.12	10.06	8.6	6.67			
-3.0m	20.61	15.39	12.28						
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.04	5.6		
4.0m	10.15a	10.38a		10.27b	9.09	7.04b	5.63		
3.0m	8.04a	10.44a	9.99a	10.50b	9.06	7.03	5.63	4.6	
2.0m		11.77a	12.21	10.56	9.05	7.03	5.6	4.59	
1.0m		15.39	12.57	10.5	8.99	6.94	5.55	4.57	
0.0m		11.35a	12.42	10.36	8.88	6.87	5.5		
-1.0m	12.94a	15.41	12.33	10.28	8.8	6.79	5.45		
-2.0m	18.93a	15.39	12.3	10.24	8.76	6.72			
-3.0m	20.63	15.44	12.3						
-4.0m									

**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	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.34		
5.0m				7.91a	7.12	5.43	4.23a		
4.0m	8.98a	9.23a	9.69	8.48	7.1	5.36	4.12a	3.57	
3.0m		7.10a	7.28a	7.89	7.04	5.28	4.20a	3.57	
2.0m		7.68a	7.20a	7.06a	6.93	5.21	4.24	3.55	
1.0m		9.75a	7.94a	8.06	6.8	5.17	4.21	3.54	
0.0m	7.26a	7.62a	8.17a	7.92	6.71	5.15	4.2		
-1.0m	7.63a	7.91a	9.16a	7.88	6.71	5.17	4.22		
-2.0m	15.03a	12.12	9.6	7.94	6.76	5.23			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.46			
6.0m			6.19a	7.08a	7.30a	5.57	4.34		
5.0m				8.45a	7.28	5.59	4.41		
4.0m	9.93a	10.04a	9.8	8.49	7.24	5.58	4.43	3.58	
3.0m		11.08a	9.7	8.45	7.22	5.57	4.43	3.59	
2.0m		12.31	10.18	8.44	7.21	5.54	4.4	3.58	
1.0m		12.26	9.98	8.31	7.1	5.46	4.35	3.56	
0.0m	8.00a	12.34	9.85	8.19	7	5.39	4.29		
-1.0m	13.96a	12.28	9.78	8.12	6.93	5.31	4.25		
-2.0m	16.53	12.27	9.75	8.09	6.88	5.25			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.14	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.05	7.12	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.05	7.14	5.55		
-2.0m	15.03a	16.70a	15.07b	12.63b	10.13	7.22			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	7.61	5.76		
4.0m	9.93a	10.04a	10.80a	10.21b	10.57b	7.59	5.79	4.35a	
3.0m		11.08a	10.25a	10.69b	10.54b	7.57	5.78	4.56	
2.0m		12.36a	13.62a	12.43b	10.53	7.58	5.75	4.55	
1.0m		20.60b	15.64b	13.1	10.55	7.51	5.7	4.53	
0.0m	8.00a	12.39a	17.17b	13.07	10.45	7.42	5.63		
-1.0m	13.96a	18.54a	17.29	12.96	10.36	7.32	5.58		
-2.0m	20.36a	21.72b	17.25	12.92	10.29	7.25			
-3.0m									
-4.0m									

**NOTES** Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the 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	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

<b>2b</b>	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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.9							
8.0m			5.53	4.5					
7.0m				4.57	3.84	2.84			
6.0m			5.52	4.53	3.82	2.86	2.22		
5.0m				4.48	3.73	2.82	2.23		
4.0m	8.69	6.32	4.86	4.48	3.7	2.75	2.2	1.79	
3.0m		6.29	4.87	3.91	3.64	2.67	2.16	1.78	
2.0m		6.15	4.8	3.89	3.54	2.6	2.12	1.76	
1.0m		6.02	4.72	4.08	3.42	2.56	2.09	1.75	
0.0m	7.26a	6.06	4.79	3.94	3.33	2.55	2.08		
-1.0m	7.63a	5.93	4.71	3.9	3.32	2.57	2.1		
-2.0m	8.02	6	4.77	3.96	3.38	2.62			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.91							
8.0m			5.55	4.52					
7.0m				4.61	3.91	2.85			
6.0m			5.55	4.59	3.91	2.97	2.22		
5.0m				4.55	3.88	2.98	2.29		
4.0m	8.82	6.42	4.97	4.49	3.84	2.97	2.31	1.79	
3.0m		6.32	4.9	4.45	3.82	2.96	2.3	1.8	
2.0m		6.17	5.33	4.45	3.81	2.92	2.27	1.79	
1.0m		6.13	5.14	4.31	3.7	2.85	2.22	1.77	
0.0m	8.00a	6.21	5.01	4.2	3.6	2.78	2.17		
-1.0m	8.14	6.15	4.94	4.13	3.54	2.7	2.13		
-2.0m	8.15	6.14	4.92	4.1	3.49	2.65			
-3.0m									
-4.0m									

<b>2b</b>	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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	5.92	4.26			
6.0m			5.92a	6.69a	5.89	4.28	3.28		
5.0m				7.11	5.78	4.24	3.3		
4.0m	8.98a	9.23a	8.26	7.11	5.76	4.16	3.26	2.64	
3.0m		7.10a	7.28a	6.42	5.68	4.07	3.22	2.63	
2.0m		7.68a	7.20a	6.39	5.56	3.99	3.17	2.61	
1.0m		9.75a	7.94a	6.62	5.42	3.94	3.14	2.6	
0.0m	7.26a	7.62a	8.17	6.45	5.31	3.93	3.13		
-1.0m	7.63a	7.91a	8.07	6.41	5.31	3.95	3.15		
-2.0m	15.03a	10.94	8.14	6.47	5.37	4.01			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.14					
7.0m				6.98a	6	4.27			
6.0m			6.19a	7.08a	6	4.4	3.28		
5.0m				7.19	5.96	4.42	3.36		
4.0m	9.93a	10.04a	8.39	7.13	5.92	4.4	3.39	2.64	
3.0m		11.08a	8.28a	7.08	5.89	4.39	3.38	2.65	
2.0m		11.18	8.86	7.07	5.88	4.35	3.35	2.64	
1.0m		11.12	8.61	6.91	5.75	4.27	3.29	2.62	
0.0m	8.00a	11.23	8.45	6.77	5.64	4.19	3.23		
-1.0m	13.96a	11.15	8.36	6.69	5.56	4.1	3.18		
-2.0m	16.75	11.13	8.33	6.65	5.51	4.04			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	8 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.04							
8.0m			4.86	3.95					
7.0m				4.03	3.38	2.49			
6.0m			4.85	3.98	3.36	2.51	1.93		
5.0m				3.93	3.27	2.47	1.95		
4.0m	7.5	5.47	4.21	3.93	3.24	2.4	1.92	1.55	
3.0m		5.44	4.21	3.37	3.19	2.32	1.87	1.54	
2.0m		5.3	4.14	3.35	3.08	2.26	1.84	1.53	
1.0m		5.18	4.07	3.54	2.96	2.21	1.81	1.51	
0.0m	6.96	5.21	4.13	3.4	2.87	2.2	1.8		
-1.0m	6.78	5.09	4.06	3.36	2.87	2.22	1.82		
-2.0m	6.85	5.15	4.12	3.42	2.92	2.28			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.05							
8.0m			4.88	3.97					
7.0m				4.06	3.45	2.5			
6.0m			4.88	4.05	3.44	2.61	1.93		
5.0m				4	3.42	2.62	2.01		
4.0m	7.63	5.57	4.31	3.94	3.38	2.61	2.03	1.55	
3.0m		5.47	4.24	3.91	3.35	2.61	2.02	1.56	
2.0m		5.32	4.67	3.9	3.35	2.57	1.99	1.55	
1.0m		5.29	4.47	3.77	3.24	2.5	1.94	1.53	
0.0m	6.99	5.36	4.35	3.66	3.15	2.43	1.89		
-1.0m	6.97	5.3	4.28	3.59	3.08	2.35	1.85		
-2.0m	6.97	5.29	4.26	3.56	3.04	2.3			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.76	5.53	3.96			
6.0m			5.92a	6.69a	5.5	3.99	3.05		
5.0m				6.64	5.39	3.94	3.06		
4.0m	8.98a	9.23a	7.67	6.64	5.36	3.86	3.03	2.44	
3.0m		7.10a	7.28a	5.95	5.29	3.77	2.98	2.43	
2.0m		7.68a	7.20a	5.92	5.17	3.7	2.94	2.42	
1.0m		9.75a	7.49	6.15	5.02	3.65	2.91	2.4	
0.0m	7.26a	7.62a	7.58	5.98	4.92	3.63	2.89		
-1.0m	7.63a	7.91a	7.48	5.94	4.92	3.66	2.92		
-2.0m	15.03a	10.16	7.56	6	4.98	3.72			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	6.69					
7.0m				6.8	5.61	3.97			
6.0m			6.19a	6.78	5.6	4.11	3.05		
5.0m				6.72	5.57	4.12	3.13		
4.0m	9.93a	10.04a	7.81	6.66	5.53	4.11	3.15	2.44	
3.0m		10.57	7.71a	6.61	5.5	4.1	3.15	2.46	
2.0m		10.4	8.27	6.6	5.49	4.06	3.11	2.44	
1.0m		10.34	8.02	6.44	5.36	3.97	3.06	2.42	
0.0m	8.00a	10.45	7.86	6.3	5.25	3.9	3		
-1.0m	13.96a	10.37	7.78	6.22	5.17	3.81	2.95		
-2.0m	15.57	10.35	7.75	6.18	5.12	3.75			
-3.0m									
-4.0m									

**NOTES** Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the 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	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.06	5.72					
7.0m				5.8	4.85	3.58			
6.0m			5.92a	5.75	4.83	3.61	2.81		
5.0m				5.7	4.73	3.57	2.82		
4.0m	8.98a	8.32	6.36	5.69	4.71	3.49	2.79	2.28	
3.0m		7.10a	6.37	5.1	4.65	3.41	2.75	2.27	
2.0m		7.68a	6.29	5.07	4.54	3.34	2.7	2.25	
1.0m		8	6.21	5.27	4.41	3.3	2.68	2.24	
0.0m	7.26a	7.62a	6.28	5.13	4.31	3.28	2.66		
-1.0m	7.63a	7.9	6.2	5.09	4.31	3.3	2.69		
-2.0m	10.92	7.97	6.26	5.15	4.37	3.36			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.09	5.74					
7.0m				5.83	4.92	3.59			
6.0m			6.19a	5.82	4.92	3.72	2.81		
5.0m				5.77	4.89	3.73	2.88		
4.0m	9.93a	8.43	6.47	5.71	4.85	3.72	2.9	2.28	
3.0m		8.3	6.4	5.67	4.83	3.71	2.9	2.29	
2.0m		8.16	6.86	5.66	4.82	3.67	2.86	2.28	
1.0m		8.12	6.65	5.52	4.71	3.59	2.81	2.26	
0.0m	8.00a	8.2	6.52	5.4	4.6	3.52	2.76		
-1.0m	11.05	8.14	6.44	5.33	4.54	3.44	2.72		
-2.0m	11.06	8.13	6.42	5.3	4.49	3.39			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	6.98	4.49a	4.21		
5.0m				7.91a	6.89	5.27	4.23		
4.0m	8.98a	9.23a	9.31	8.18	6.87	5.2	4.12a	3.48	
3.0m		7.10a	7.28a	7.6	6.81	5.12	4.15	3.47	
2.0m		7.68a	7.20a	7.06a	6.7	5.05	4.11	3.45	
1.0m		9.75a	7.94a	7.77	6.58	5.01	4.09	3.44	
0.0m	7.26a	7.62a	8.17a	7.63	6.48	4.99	4.07		
-1.0m	7.63a	7.91a	9.16	7.59	6.48	5.01	4.1		
-2.0m	15.03a	11.59	9.22	7.65	6.53	5.07			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.3			
6.0m			6.19a	7.08a	7.07	5.41	4.22		
5.0m				8.25	7.04	5.43	4.29		
4.0m	9.93a	10.04a	9.42	8.19	7.01	5.42	4.31	3.48	
3.0m		11.08a	9.32	8.16	6.98	5.41	4.3	3.49	
2.0m		11.77	9.79	8.15	6.98	5.37	4.27	3.48	
1.0m		11.73	9.59	8.01	6.87	5.3	4.22	3.46	
0.0m	8.00a	11.8	9.47	7.9	6.77	5.23	4.17		
-1.0m	13.96a	11.75	9.4	7.83	6.7	5.15	4.13		
-2.0m	15.67	11.73	9.37	7.8	6.65	5.09			
-3.0m									
-4.0m									

**NOTES** Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the 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	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.8	5.97	4.23a		
4.0m	8.98a	9.23a	10.52a	9.24	7.77	5.9	4.12a	3.96	
3.0m		7.10a	7.28a	7.94a	7.71	5.82	4.20a	3.96	
2.0m		7.68a	7.20a	7.06a	7.61	5.76	4.48a	3.94	
1.0m		9.75a	7.94a	8.83	7.48	5.71	4.66	3.93	
0.0m	7.26a	7.62a	8.17a	8.69	7.39	5.7	4.65		
-1.0m	7.63a	7.91a	9.16a	8.65	7.39	5.72	4.67		
-2.0m	15.03a	13.17	10.49	8.71	7.44	5.78			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	6.1	4.79		
5.0m				8.45a	7.95	6.13	4.86		
4.0m	9.93a	10.04a	10.67	9.25	7.91	6.12	4.88	3.96	
3.0m		11.08a	10.25a	9.21	7.89	6.12	4.88	3.98	
2.0m		12.36a	11.06	9.21	7.88	6.08	4.85	3.97	
1.0m		13.31	10.86	9.07	7.77	6	4.8	3.95	
0.0m	8.00a	12.39a	10.74	8.96	7.67	5.93	4.74		
-1.0m	13.96a	13.33	10.67	8.88	7.61	5.86	4.7		
-2.0m	17.79	13.32	10.64	8.86	7.56	5.8			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.35	4.23a		
4.0m	8.98a	9.23a	10.52a	9.69	8.21	6.28	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.15	6.21	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.04	6.14	4.48a	4.23	
1.0m		9.75a	7.94a	9.3	7.92	6.1	4.95a	4.22	
0.0m	7.26a	7.62a	8.17a	8.98a	7.83	6.08	4.99		
-1.0m	7.63a	7.91a	9.16a	9.13	7.83	6.1	5.01		
-2.0m	15.03a	13.66	10.99	9.18	7.88	6.16			
-3.0m									
-4.0m									

**UPPER SWL**


	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	6.45	4.92a		
5.0m				8.45a	8.38	6.51	5.19		
4.0m	9.93a	10.04a	10.80a	9.71	8.34	6.5	5.21	4.26	
3.0m		11.08a	10.25a	9.67	8.32	6.49	5.2	4.27	
2.0m		12.36a	11.54	9.66	8.31	6.46	5.17	4.26	
1.0m		13.79	11.34	9.53	8.21	6.38	5.13	4.24	
0.0m	8.00a	12.39a	11.22	9.42	8.11	6.31	5.08		
-1.0m	13.96a	13.81	11.15	9.35	8.04	6.24	5.04		
-2.0m	18.14	13.8	11.13	9.33	8	6.18			
-3.0m									
-4.0m									

<b>NOTES</b>	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
	<b>PAGE</b> 11 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.


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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.99r	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.26a	8.54b	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.79b	7.49a	5.84a		
-2.0m	15.03a	16.70a	15.07b	12.63b	10.87b	8.51b			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	8.24a	6.76r		
4.0m	9.93a	10.04a	10.80a	10.21b	10.57b	9.02r	7.67b	4.35a	
3.0m		11.08a	10.25a	10.69b	10.83b	9.68b	7.98b	6.04a	
2.0m		12.36a	13.62a	12.43b	11.82b	9.99b	8.20b	6.52r	
1.0m		20.60b	15.64b	14.06b	12.71b	9.99b	8.21b	6.44b	
0.0m	8.00a	12.39a	17.17b	14.87b	12.80b	10.02b	8.22b		
-1.0m	13.96a	18.54a	17.83b	14.96b	12.88b	10.09b	7.45b		
-2.0m	20.36a	21.72b	17.73b	14.90b	12.65b	8.82b			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.8	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.26a	7.78	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.36	7.49a	5.84a		
-2.0m	15.03a	16.70a	15.07b	12.46	10.42	7.87			
-3.0m									
-4.0m									

**UPPER SWL**


	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	8.14	6.43		
4.0m	9.93a	10.04a	10.80a	10.21b	10.57b	8.14b	6.46	4.35a	
3.0m		11.08a	10.25a	10.69b	10.74	8.12	6.46	5.26	
2.0m		12.36a	13.62a	12.43b	10.73	8.12	6.44	5.25a	
1.0m		20.55b	15.48	12.8	10.75	8.11	6.39	5.23	
0.0m	8.00a	12.39a	15.76	12.74	10.68	8.04	6.34		
-1.0m	13.96a	18.54a	15.68	12.66	10.61	7.95	6.3		
-2.0m	20.36a	20.56	15.65	12.63	10.55	7.89			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	12 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.


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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.42	6.26					
7.0m				6.32	5.45	4.22			
6.0m			5.92a	6.28	5.43	4.24	3.41		
5.0m				6.24	5.35	4.2	3.42		
4.0m	8.98a	8.45	6.86	6.24	5.33	4.14	3.4	2.84	
3.0m		7.10a	6.86	5.74	5.28	4.07	3.36	2.83	
2.0m		7.68a	6.8	5.72	5.18	4	3.32	2.82	
1.0m		8.21	6.74	5.89	5.08	3.97	3.29	2.81	
0.0m	7.26a	7.62a	6.8	5.77	4.99	3.95	3.28		
-1.0m	7.63a	7.91a	6.73	5.73	4.99	3.97	3.3		
-2.0m	10.3	8.19	6.78	5.78	5.04	4.02			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.44	6.27					
7.0m				6.35	5.51	4.23			
6.0m			6.19a	6.34	5.51	4.33	3.41		
5.0m				6.3	5.48	4.34	3.48		
4.0m	9.93a	8.54	6.95	6.25	5.45	4.33	3.5	2.84	
3.0m		8.44	6.89	6.22	5.43	4.33	3.49	2.85	
2.0m		8.33	7.26	6.21	5.43	4.3	3.46	2.84	
1.0m		8.3	7.09	6.1	5.33	4.23	3.42	2.82	
0.0m	8.00a	8.36	6.99	6	5.24	4.16	3.37		
-1.0m	10.4	8.31	6.93	5.93	5.19	4.09	3.33		
-2.0m	10.4	8.3	6.91	5.91	5.14	4.04			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.44		
5.0m				7.91a	7.13	5.51	4.23a		
4.0m	8.98a	9.23a	9.51	8.4	7.11	5.44	4.12a	3.68	
3.0m		7.10a	7.28a	7.85	7.05	5.36	4.20a	3.68	
2.0m		7.68a	7.20a	7.06a	6.95	5.3	4.34	3.66	
1.0m		9.75a	7.94a	8.01	6.83	5.26	4.32	3.65	
0.0m	7.26a	7.62a	8.17a	7.87	6.74	5.24	4.3		
-1.0m	7.63a	7.91a	9.16a	7.84	6.74	5.26	4.32		
-2.0m	15.03a	11.67	9.42	7.89	6.79	5.32			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.53			
6.0m			6.19a	7.08a	7.30a	5.64	4.44		
5.0m				8.45a	7.27	5.66	4.51		
4.0m	9.93a	10.04a	9.61	8.41	7.24	5.65	4.53	3.68	
3.0m		11.08a	9.52	8.37	7.22	5.65	4.52	3.7	
2.0m		11.83	9.96	8.37	7.21	5.61	4.49	3.69	
1.0m		11.79	9.77	8.24	7.11	5.54	4.45	3.67	
0.0m	8.00a	11.87	9.65	8.13	7.01	5.47	4.39		
-1.0m	13.96a	11.81	9.58	8.06	6.95	5.39	4.35		
-2.0m	15.4	11.8	9.56	8.03	6.9	5.34			
-3.0m									
-4.0m									

<b>NOTES</b>	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
	<b>PAGE</b> 13 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.14							
8.0m			4.89	3.95					
7.0m				4.03	3.36	2.45			
6.0m			4.88	3.98	3.34	2.48	1.9		
5.0m				3.93	3.25	2.44	1.91		
4.0m	7.74	5.54	4.21	3.93	3.22	2.37	1.88	1.51	
3.0m		5.51	4.22	3.35	3.16	2.29	1.84	1.51	
2.0m		5.37	4.15	3.33	3.06	2.22	1.8	1.49	
1.0m		5.24	4.07	3.52	2.93	2.18	1.77	1.48	
0.0m	7.16	5.27	4.14	3.38	2.84	2.16	1.76		
-1.0m	6.97	5.15	4.06	3.34	2.84	2.18	1.78		
-2.0m	7.04	5.21	4.12	3.4	2.89	2.24			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.15							
8.0m			4.91	3.97					
7.0m				4.06	3.43	2.46			
6.0m			4.91	4.05	3.43	2.58	1.9		
5.0m				4	3.4	2.59	1.97		
4.0m	7.87	5.65	4.32	3.94	3.36	2.58	1.99	1.51	
3.0m		5.54	4.25	3.91	3.34	2.58	1.98	1.53	
2.0m		5.39	4.69	3.9	3.33	2.54	1.95	1.52	
1.0m		5.35	4.49	3.76	3.22	2.46	1.9	1.5	
0.0m	7.19	5.43	4.37	3.65	3.12	2.39	1.85		
-1.0m	7.17	5.37	4.3	3.58	3.06	2.32	1.81		
-2.0m	7.17	5.36	4.27	3.55	3.01	2.26			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.18	5.71					
7.0m				5.79	4.79	3.48			
6.0m			5.92a	5.75	4.77	3.5	2.69		
5.0m				5.69	4.67	3.46	2.7		
4.0m	8.98a	8.62	6.41	5.69	4.64	3.38	2.67	2.16	
3.0m		7.10a	6.42	5.05	4.57	3.3	2.63	2.16	
2.0m		7.68a	6.33	5.02	4.46	3.23	2.59	2.14	
1.0m		8.26	6.25	5.23	4.32	3.18	2.56	2.12	
0.0m	7.26a	7.62a	6.32	5.08	4.22	3.16	2.54		
-1.0m	7.63a	7.91a	6.23	5.04	4.22	3.19	2.57		
-2.0m	11.77	8.23	6.3	5.1	4.28	3.25			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.2	5.73					
7.0m				5.84	4.87	3.49			
6.0m			6.19a	5.82	4.86	3.62	2.69		
5.0m				5.76	4.83	3.63	2.77		
4.0m	9.93a	8.74	6.53	5.7	4.79	3.62	2.79	2.16	
3.0m		8.6	6.46	5.66	4.76	3.61	2.78	2.18	
2.0m		8.44	6.95	5.65	4.76	3.57	2.75	2.16	
1.0m		8.39	6.73	5.5	4.64	3.49	2.7	2.14	
0.0m	8.00a	8.48	6.58	5.37	4.53	3.41	2.64		
-1.0m	11.93	8.42	6.5	5.29	4.46	3.33	2.6		
-2.0m	11.94	8.4	6.48	5.26	4.41	3.27			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	14 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		5.55							
8.0m			4.42	3.56					
7.0m				3.63	3.02	2.19			
6.0m			4.41	3.59	3	2.21	1.68		
5.0m				3.54	2.91	2.17	1.69		
4.0m	6.95	4.95	3.74	3.53	2.88	2.1	1.66	1.33	
3.0m		4.92	3.75	2.96	2.82	2.02	1.62	1.32	
2.0m		4.78	3.67	2.93	2.72	1.95	1.58	1.31	
1.0m		4.65	3.6	3.13	2.59	1.91	1.55	1.29	
0.0m	6.37	4.68	3.66	2.98	2.5	1.9	1.54		
-1.0m	6.18	4.55	3.59	2.95	2.5	1.92	1.56		
-2.0m	6.25	4.62	3.65	3.01	2.55	1.97			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		5.56							
8.0m			4.44	3.58					
7.0m				3.67	3.09	2.2			
6.0m			4.44	3.65	3.09	2.32	1.68		
5.0m				3.6	3.06	2.33	1.75		
4.0m	7.08	5.06	3.85	3.55	3.02	2.32	1.78	1.33	
3.0m		4.95	3.78	3.51	3	2.31	1.77	1.34	
2.0m		4.8	4.22	3.5	2.99	2.28	1.74	1.33	
1.0m		4.76	4.02	3.37	2.88	2.2	1.69	1.31	
0.0m	6.4	4.84	3.89	3.25	2.78	2.13	1.63		
-1.0m	6.38	4.78	3.82	3.18	2.72	2.05	1.59		
-2.0m	6.38	4.76	3.8	3.15	2.67	2			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.03	5.59					
7.0m				5.67	4.69	3.4			
6.0m			5.92a	5.62	4.66	3.42	2.63		
5.0m				5.57	4.56	3.38	2.64		
4.0m	8.98a	8.42	6.26	5.56	4.53	3.3	2.61	2.11	
3.0m		7.10a	6.27	4.92	4.47	3.22	2.56	2.1	
2.0m		7.68a	6.18	4.9	4.35	3.15	2.52	2.08	
1.0m		8.07	6.09	5.11	4.22	3.1	2.49	2.07	
0.0m	7.26a	7.62a	6.17	4.95	4.11	3.08	2.48		
-1.0m	7.63a	7.91a	6.08	4.91	4.11	3.11	2.5		
-2.0m	11.5	8.03	6.15	4.98	4.17	3.17			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.05	5.61					
7.0m				5.71	4.76	3.41			
6.0m			6.19a	5.69	4.76	3.54	2.63		
5.0m				5.64	4.73	3.55	2.71		
4.0m	9.93a	8.55	6.38	5.58	4.69	3.54	2.73	2.11	
3.0m		8.4	6.3	5.54	4.66	3.53	2.72	2.12	
2.0m		8.24	6.8	5.53	4.66	3.49	2.69	2.11	
1.0m		8.2	6.58	5.38	4.53	3.41	2.63	2.09	
0.0m	8.00a	8.29	6.43	5.25	4.43	3.34	2.58		
-1.0m	11.65	8.22	6.35	5.17	4.35	3.25	2.53		
-2.0m	11.66	8.2	6.32	5.14	4.3	3.19			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	15 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.84							
8.0m			5.58	4.6					
7.0m				4.67	3.97	2.98			
6.0m			5.57	4.63	3.94	3	2.35		
5.0m				4.59	3.86	2.96	2.37		
4.0m	8.41	6.31	4.96	4.58	3.84	2.9	2.34	1.92	
3.0m		6.28	4.97	4.05	3.78	2.82	2.3	1.91	
2.0m		6.15	4.9	4.03	3.68	2.76	2.26	1.89	
1.0m		6.04	4.83	4.21	3.57	2.72	2.23	1.88	
0.0m	7.26a	6.07	4.89	4.08	3.48	2.7	2.22		
-1.0m	7.63a	5.95	4.82	4.04	3.48	2.72	2.24		
-2.0m	7.81	6.01	4.88	4.09	3.53	2.77			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.85							
8.0m			5.6	4.62					
7.0m				4.71	4.03	2.99			
6.0m			5.6	4.69	4.03	3.1	2.35		
5.0m				4.65	4	3.11	2.42		
4.0m	8.52	6.4	5.06	4.6	3.97	3.1	2.45	1.92	
3.0m		6.31	5	4.56	3.94	3.09	2.44	1.93	
2.0m		6.17	5.4	4.55	3.94	3.06	2.41	1.92	
1.0m		6.14	5.21	4.43	3.84	2.99	2.36	1.9	
0.0m	7.94	6.21	5.1	4.32	3.74	2.92	2.31		
-1.0m	7.92	6.16	5.04	4.26	3.68	2.85	2.27		
-2.0m	7.92	6.14	5.01	4.23	3.64	2.8			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.53	4.88			
6.0m			5.92a	6.69a	6.51	4.49a	3.86		
5.0m				7.66	6.41	4.86	3.88		
4.0m	8.98a	9.23a	8.74	7.66	6.39	4.79	3.84	3.17	
3.0m		7.10a	7.28a	7.07	6.32	4.71	3.8	3.16	
2.0m		7.68a	7.20a	7.04	6.21	4.64	3.76	3.14	
1.0m		9.75a	7.94a	7.24	6.09	4.6	3.73	3.13	
0.0m	7.26a	7.62a	8.17a	7.09	5.99	4.58	3.72		
-1.0m	7.63a	7.91a	8.58	7.06	5.99	4.6	3.74		
-2.0m	15	10.98	8.64	7.12	6.05	4.66			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.6	4.89			
6.0m			6.19a	7.08a	6.6	5.01	3.86		
5.0m				7.73	6.57	5.02	3.94		
4.0m	9.93a	10.04a	8.85	7.68	6.53	5.01	3.96	3.17	
3.0m		11.08a	8.75	7.64	6.5	5.01	3.95	3.18	
2.0m		11.17	9.24	7.63	6.5	4.97	3.92	3.17	
1.0m		11.12	9.03	7.49	6.39	4.89	3.87	3.15	
0.0m	8.00a	11.21	8.9	7.37	6.28	4.82	3.81		
-1.0m	13.96a	11.14	8.82	7.3	6.22	4.74	3.77		
-2.0m	15.14	11.13	8.8	7.27	6.17	4.68			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	16 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

<b>3e</b>	<b>RAIL</b>	50 to 150mm CANT @ 66% of tipping load
	<b>SECTOR</b>	±150° to ±160°
	<b>OSC. AXLE</b>	FLOAT (LIFT & CARRY)

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.9	5.96	4.62			
6.0m			5.92a	6.69a	5.94	4.49a	3.75		
5.0m				6.82	5.86	4.6	3.76		
4.0m	8.98a	9.23a	7.53	6.81	5.83	4.54	3.73	3.13	
3.0m		7.10a	7.28a	6.32	5.78	4.47	3.69	3.12	
2.0m		7.68a	7.20a	6.3	5.69	4.41	3.66	3.11	
1.0m		9.02	7.41	6.46	5.58	4.37	3.63	3.09	
0.0m	7.26a	7.62a	7.47	6.34	5.5	4.36	3.62		
-1.0m	7.63a	7.91a	7.4	6.31	5.5	4.37	3.64		
-2.0m	11.31	8.99	7.45	6.36	5.55	4.43			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	6.85					
7.0m				6.93	6.02	4.63			
6.0m			6.19a	6.92	6.01	4.74	3.75		
5.0m				6.87	5.99	4.75	3.82		
4.0m	9.93a	9.33	7.62	6.82	5.96	4.74	3.84	3.13	
3.0m		9.24	7.56	6.79	5.93	4.73	3.83	3.14	
2.0m		9.14	7.93	6.79	5.93	4.7	3.8	3.13	
1.0m		9.1	7.76	6.67	5.83	4.63	3.75	3.11	
0.0m	8.00a	9.17	7.66	6.57	5.75	4.57	3.7		
-1.0m	11.4	9.12	7.6	6.51	5.69	4.5	3.67		
-2.0m	11.41	9.11	7.58	6.49	5.65	4.45			
-3.0m									
-4.0m									

<b>3e</b>	<b>RAIL</b>	50 to 150mm CANT @ 66% of tipping load
	<b>SECTOR</b>	±150° to ±160°
	<b>OSC. AXLE</b>	LOCKED (STATIC LIFT ONLY)

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.07	4.23a		
4.0m	8.98a	9.23a	10.52a	9.76	8.07	6	4.12a	3.93	
3.0m		7.10a	7.28a	7.94a	8.01	5.91	4.20a	3.93	
2.0m		7.68a	7.20a	7.06a	7.89	5.84	4.48a	3.91	
1.0m		9.75a	7.94a	9.3	7.75	5.8	4.67	3.89	
0.0m	7.26a	7.62a	8.17a	8.98a	7.65	5.78	4.65		
-1.0m	7.63a	7.91a	9.16a	9.1	7.65	5.8	4.68		
-2.0m	15.03a	14.69	11.3	9.17	7.71	5.86			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	6.2	4.8		
5.0m				8.45a	8.26	6.24	4.88		
4.0m	9.93a	10.04a	10.80a	9.77	8.22	6.23	4.9	3.94	
3.0m		11.08a	10.25a	9.73	8.2	6.22	4.89	3.95	
2.0m		12.36a	11.94	9.72	8.19	6.19	4.86	3.94	
1.0m		14.85	11.72	9.57	8.07	6.1	4.81	3.92	
0.0m	8.00a	12.39a	11.58	9.44	7.96	6.03	4.75		
-1.0m	13.96a	14.88	11.5	9.36	7.89	5.95	4.71		
-2.0m	20.36a	14.86	11.47	9.33	7.84	5.89			
-3.0m									
-4.0m									

<b>NOTES</b>	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
	<b>PAGE</b> 17 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

LOWER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.99r	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.26a	8.54b	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.79b	7.49a	5.84a		
-2.0m	15.03a	16.70a	15.07b	12.63b	10.87b	8.51b			
-3.0m									
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	8.24a	6.76r		
4.0m	9.93a	10.04a	10.80a	10.21b	10.57b	9.02r	7.67b	4.35a	
3.0m		11.08a	10.25a	10.69b	10.83b	9.68b	7.98b	6.04a	
2.0m		12.36a	13.62a	12.43b	11.82b	9.99b	8.20b	6.52r	
1.0m		20.60b	15.64b	14.06b	12.71b	9.99b	8.21b	6.44b	
0.0m	8.00a	12.39a	17.17b	14.87b	12.80b	10.02b	8.22b		
-1.0m	13.96a	18.54a	17.83b	14.96b	12.88b	10.09b	7.45b		
-2.0m	20.36a	21.72b	17.73b	14.90b	12.65b	8.82b			
-3.0m									
-4.0m									

	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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	6.86	4.48a	4.28a	
1.0m		9.75a	7.94a	10.61	8.96	6.82	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	8.87	6.8	5.48a		
-1.0m	7.63a	7.91a	9.16a	10.43	8.87	6.82	5.55		
-2.0m	15.03a	16.13	12.72	10.49	8.92	6.88			
-3.0m									
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	7.22	5.73		
4.0m	9.93a	10.04a	10.80a	10.21b	9.36	7.2	5.76	4.35a	
3.0m		11.08a	10.25a	10.69b	9.33	7.19	5.75	4.71	
2.0m		12.36a	12.78	10.93	9.32	7.19	5.72	4.7	
1.0m		16.27	13.1	10.86	9.26	7.11	5.68	4.68	
0.0m	8.00a	12.39a	12.97	10.74	9.16	7.04	5.63		
-1.0m	13.96a	16.29	12.9	10.67	9.09	6.96	5.58		
-2.0m	20.36a	16.28	12.87	10.64	9.04	6.91			
-3.0m									
-4.0m									

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the 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 18 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		5.29							
8.0m			4.23	3.42					
7.0m				3.49	2.91	2.11			
6.0m			4.23	3.45	2.89	2.13	1.62		
5.0m				3.4	2.8	2.09	1.63		
4.0m	6.56	4.71	3.57	3.4	2.77	2.03	1.6	1.28	
3.0m		4.68	3.58	2.83	2.71	1.95	1.56	1.28	
2.0m		4.54	3.5	2.81	2.61	1.88	1.52	1.26	
1.0m		4.41	3.43	3	2.49	1.84	1.49	1.25	
0.0m	6	4.45	3.5	2.85	2.39	1.82	1.48		
-1.0m	5.82	4.32	3.42	2.82	2.39	1.84	1.5		
-2.0m	5.89	4.39	3.48	2.87	2.45	1.9			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		5.3							
8.0m			4.25	3.44					
7.0m				3.53	2.98	2.12			
6.0m			4.26	3.51	2.98	2.24	1.62		
5.0m				3.46	2.95	2.25	1.69		
4.0m	6.69	4.81	3.67	3.41	2.91	2.24	1.72	1.28	
3.0m		4.71	3.61	3.37	2.89	2.23	1.71	1.3	
2.0m		4.56	4.04	3.37	2.88	2.2	1.68	1.29	
1.0m		4.52	3.84	3.23	2.77	2.12	1.63	1.27	
0.0m	6.04	4.6	3.72	3.12	2.67	2.05	1.57		
-1.0m	6.01	4.54	3.65	3.05	2.61	1.98	1.53		
-2.0m	6.02	4.53	3.63	3.02	2.56	1.92			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.17	5.65					
7.0m				5.74	4.71	3.38			
6.0m			5.92a	5.69	4.68	3.41	2.6		
5.0m				5.63	4.58	3.37	2.61		
4.0m	8.98a	8.7	6.37	5.62	4.55	3.29	2.58	2.08	
3.0m		7.10a	6.37	4.96	4.49	3.2	2.54	2.07	
2.0m		7.68a	6.29	4.93	4.36	3.13	2.49	2.05	
1.0m		8.32	6.2	5.16	4.23	3.08	2.46	2.04	
0.0m	7.26a	7.62a	6.28	4.99	4.12	3.06	2.45		
-1.0m	7.63a	7.91a	6.18	4.95	4.12	3.08	2.47		
-2.0m	12.18	8.29	6.26	5.01	4.18	3.15			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.2	5.67					
7.0m				5.78	4.79	3.4			
6.0m			6.19a	5.76	4.79	3.53	2.6		
5.0m				5.7	4.75	3.54	2.68		
4.0m	9.93a	8.83	6.49	5.64	4.71	3.53	2.7	2.08	
3.0m		8.68	6.42	5.6	4.68	3.52	2.7	2.09	
2.0m		8.51	6.94	5.59	4.68	3.48	2.66	2.08	
1.0m		8.46	6.7	5.43	4.55	3.4	2.61	2.06	
0.0m	8.00a	8.56	6.55	5.3	4.44	3.32	2.55		
-1.0m	12.35	8.49	6.46	5.22	4.37	3.23	2.5		
-2.0m	12.36	8.47	6.44	5.19	4.31	3.17			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	19 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.59	5.77	4.27a		
4.0m	9.89a	10.29a		9.01	7.54	5.7	4.11a		
3.0m	7.15a	7.22a	7.50a	8.34	7.48	5.6	4.21a	3.77	
2.0m		7.42a	7.10a	7.10a	7.37	5.52	4.41a	3.75	
1.0m		9.37a	7.81a	7.11a	7.22	5.47	4.45	3.74	
0.0m		7.76a	8.33a	8.39	7.11	5.44	4.43		
-1.0m	7.09a	7.33a	7.77a	8.32	7.08	5.46	4.45		
-2.0m	13.60a	12.81	10.14	8.38	7.14	5.51			
-3.0m	17.58	12.99	10.31						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	5.89			
5.0m				7.98a	7.74	5.94	4.67		
4.0m	10.15a	10.38a		9.03	7.7	5.93	4.7		
3.0m	8.04a	10.44a	9.99a	8.98	7.67	5.92	4.69	3.79	
2.0m		11.77a	10.82	8.97	7.66	5.9	4.66	3.78	
1.0m		13	10.62	8.85	7.56	5.81	4.61	3.76	
0.0m		11.35a	10.46	8.7	7.44	5.72	4.55		
-1.0m	12.94a	13.02	10.37	8.61	7.35	5.64	4.5		
-2.0m	17.51	13	10.33	8.57	7.31	5.57			
-3.0m	17.6	13.05	10.33						
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m				10.03b	8.63b	6.72b	4.11a		
3.0m			7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m			7.10a	7.10a	8.58b	7.06r	4.41a	4.23a	
1.0m			7.81a	7.11a	9.74r	7.82r	4.74a	4.44a	
0.0m			8.33a	9.17a	10.52a	8.75b	5.29a		
-1.0m			7.77a	9.90a	10.78b	7.09a	5.82a		
-2.0m			15.05b	12.61b	10.85b	8.23a			
-3.0m			15.26b						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.96a	6.58r		
4.0m				10.27b	10.63b	8.91r	7.53r		
3.0m			9.99a	10.50b	10.72b	9.56r	7.69	5.7	
2.0m			12.35a	12.05b	11.62b	9.99b	7.69	5.69	
1.0m			16.42b	13.84b	12.62b	9.99b	7.65	5.66	
0.0m			16.87b	14.81b	12.79b	10.01b	7.56		
-1.0m			17.81b	14.94b	12.86b	10.09b	7.48		
-2.0m			17.84b	15.00b	12.87b	9.26b			
-3.0m			15.40b						
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	20 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			6.67	5.44					
7.0m				5.59	4.72				
6.0m			6.13a	5.56	4.71	3.56			
5.0m				5.48	4.63	3.53	2.8		
4.0m	9.89a	7.66		5.49	4.58	3.45	2.77		
3.0m	7.15a	7.22a	6	4.86	4.53	3.37	2.73	2.26	
2.0m		7.42a	5.93	4.85	4.42	3.29	2.68	2.24	
1.0m		7.37	5.84	4.81	4.28	3.24	2.65	2.23	
0.0m		7.44	5.94	4.91	4.17	3.21	2.63		
-1.0m	7.09a	7.25	5.81	4.84	4.15	3.23	2.65		
-2.0m	9.61	7.3	5.87	4.9	4.2	3.28			
-3.0m	9.82	7.47	6.03						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			6.7	5.44					
7.0m				5.63	4.8				
6.0m			6.27a	5.62	4.81	3.66			
5.0m				5.57	4.78	3.69	2.86		
4.0m	10.15a	7.79		5.51	4.74	3.68	2.89		
3.0m	8.04a	7.68	6.05	5.47	4.71	3.67	2.89	2.28	
2.0m		7.54	6.5	5.45	4.7	3.65	2.86	2.27	
1.0m		7.47	6.32	5.34	4.6	3.56	2.81	2.25	
0.0m		7.56	6.17	5.2	4.49	3.48	2.74		
-1.0m	9.76	7.49	6.08	5.12	4.41	3.4	2.69		
-2.0m	9.76	7.47	6.05	5.08	4.37	3.33			
-3.0m	9.84	7.52	6.05						
-4.0m									

<b>4b</b>	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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m	9.89a	10.29a		10.03b	8.63b	6.46	4.11a		
3.0m	7.15a	7.22a	7.50a	8.42a	8.59b	6.35	4.21a	4.02	
2.0m		7.42a	7.10a	7.10a	8.58b	6.25	4.41a	3.99	
1.0m		9.37a	7.81a	7.11a	8.7	6.19	4.74a	3.98	
0.0m		7.76a	8.33a	9.17a	8.55	6.16	4.83		
-1.0m	7.09a	7.33a	7.77a	9.90a	8.52	6.18	4.85		
-2.0m	13.60a	14.89a	13.77	10.59	8.59	6.24			
-3.0m	24.69b	18.86b	14.02						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.64			
5.0m				7.98a	8.31a	6.74	5.1		
4.0m	10.15a	10.38a		10.27b	9.25	6.75	5.14		
3.0m	8.04a	10.44a	9.99a	10.50b	9.21	6.73	5.13	4.04	
2.0m		11.77a	12.35a	11.23	9.19	6.71	5.1	4.03	
1.0m		19.93	14.46	11.21	9.13	6.6	5.04	4	
0.0m		11.35a	14.24	11.02	8.97	6.5	4.97		
-1.0m	12.94a	17.31a	14.1	10.9	8.87	6.4	4.91		
-2.0m	18.93a	19.93	14.05	10.84	8.81	6.31			
-3.0m	25.00b	19.42b	14.04						
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	21 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			6.67	5.44					
7.0m				5.59	4.72				
6.0m			6.13a	5.56	4.71	3.56			
5.0m				5.48	4.63	3.53	2.8		
4.0m	9.89a	7.66		5.49	4.58	3.45	2.77		
3.0m	7.15a	7.22a	6	4.86	4.53	3.37	2.73	2.26	
2.0m		7.42a	5.93	4.85	4.42	3.29	2.68	2.24	
1.0m		7.37	5.84	4.81	4.28	3.24	2.65	2.23	
0.0m		7.44	5.94	4.91	4.17	3.21	2.63		
-1.0m	7.09a	7.25	5.81	4.84	4.15	3.23	2.65		
-2.0m	9.61	7.3	5.87	4.9	4.2	3.28			
-3.0m	9.82	7.47	6.03						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			6.7	5.44					
7.0m				5.63	4.8				
6.0m			6.27a	5.62	4.81	3.66			
5.0m				5.57	4.78	3.69	2.86		
4.0m	10.15a	7.79		5.51	4.74	3.68	2.89		
3.0m	8.04a	7.68	6.05	5.47	4.71	3.67	2.89	2.28	
2.0m		7.54	6.5	5.45	4.7	3.65	2.86	2.27	
1.0m		7.47	6.32	5.34	4.6	3.56	2.81	2.25	
0.0m		7.56	6.17	5.2	4.49	3.48	2.74		
-1.0m	9.76	7.49	6.08	5.12	4.41	3.4	2.69		
-2.0m	9.76	7.47	6.05	5.08	4.37	3.33			
-3.0m	9.84	7.52	6.05						
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.59	5.77	4.27a		
4.0m	9.89a	10.29a		9.01	7.54	5.7	4.11a		
3.0m	7.15a	7.22a	7.50a	8.34	7.48	5.6	4.21a	3.77	
2.0m		7.42a	7.10a	7.10a	7.37	5.52	4.41a	3.75	
1.0m		9.37a	7.81a	7.11a	7.22	5.47	4.45	3.74	
0.0m		7.76a	8.33a	8.39	7.11	5.44	4.43		
-1.0m	7.09a	7.33a	7.77a	8.32	7.08	5.46	4.45		
-2.0m	13.60a	12.81	10.14	8.38	7.14	5.51			
-3.0m	17.58	12.99	10.31						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	5.89			
5.0m				7.98a	7.74	5.94	4.67		
4.0m	10.15a	10.38a		9.03	7.7	5.93	4.7		
3.0m	8.04a	10.44a	9.99a	8.98	7.67	5.92	4.69	3.79	
2.0m		11.77a	10.82	8.97	7.66	5.9	4.66	3.78	
1.0m		13	10.62	8.85	7.56	5.81	4.61	3.76	
0.0m		11.35a	10.46	8.7	7.44	5.72	4.55		
-1.0m	12.94a	13.02	10.37	8.61	7.35	5.64	4.5		
-2.0m	17.51	13	10.33	8.57	7.31	5.57			
-3.0m	17.6	13.05	10.33						
-4.0m									

<b>NOTES</b>	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
	<b>PAGE</b> 22 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m				10.03b	8.63b	6.72b	4.11a		
3.0m			7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m			7.10a	7.10a	8.58b	7.06r	4.41a	4.23a	
1.0m			7.81a	7.11a	9.74r	7.82r	4.74a	4.44a	
0.0m			8.33a	9.17a	10.52a	8.75b	5.29a		
-1.0m			7.77a	9.90a	10.78b	7.09a	5.82a		
-2.0m			15.05b	12.61b	10.85b	8.23a			
-3.0m			15.26b						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.96a	6.58r		
4.0m				10.27b	10.63b	8.91r	7.53r		
3.0m			9.99a	10.50b	10.72b	9.56r	7.69	5.7	
2.0m			12.35a	12.05b	11.62b	9.99b	7.69	5.69	
1.0m			16.42b	13.84b	12.62b	9.99b	7.65	5.66	
0.0m			16.87b	14.81b	12.79b	10.01b	7.56		
-1.0m			17.81b	14.94b	12.86b	10.09b	7.48		
-2.0m			17.84b	15.00b	12.87b	9.26b			
-3.0m			15.40b						
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.59	5.77	4.27a		
4.0m	9.89a	10.29a		9.01	7.54	5.7	4.11a		
3.0m	7.15a	7.22a	7.50a	8.34	7.48	5.6	4.21a	3.77	
2.0m		7.42a	7.10a	7.10a	7.37	5.52	4.41a	3.75	
1.0m		9.37a	7.81a	7.11a	7.22	5.47	4.45	3.74	
0.0m		7.76a	8.33a	8.39	7.11	5.44	4.43		
-1.0m	7.09a	7.33a	7.77a	8.32	7.08	5.46	4.45		
-2.0m	13.60a	12.81	10.14	8.38	7.14	5.51			
-3.0m	17.58	12.99	10.31						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	5.89			
5.0m				7.98a	7.74	5.94	4.67		
4.0m	10.15a	10.38a		9.03	7.7	5.93	4.7		
3.0m	8.04a	10.44a	9.99a	8.98	7.67	5.92	4.69	3.79	
2.0m		11.77a	10.82	8.97	7.66	5.9	4.66	3.78	
1.0m		13	10.62	8.85	7.56	5.81	4.61	3.76	
0.0m		11.35a	10.46	8.7	7.44	5.72	4.55		
-1.0m	12.94a	13.02	10.37	8.61	7.35	5.64	4.5		
-2.0m	17.51	13	10.33	8.57	7.31	5.57			
-3.0m	17.6	13.05	10.33						
-4.0m									

<b>NOTES</b>	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
	<b>PAGE</b> 23 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m				10.03b	8.63b	6.72b	4.11a		
3.0m			7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m			7.10a	7.10a	8.58b	7.06r	4.41a	4.23a	
1.0m			7.81a	7.11a	9.74r	7.82r	4.74a	4.44a	
0.0m			8.33a	9.17a	10.52a	8.75b	5.29a		
-1.0m			7.77a	9.90a	10.78b	7.09a	5.82a		
-2.0m			15.05b	12.61b	10.85b	8.23a			
-3.0m			15.26b						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.96a	6.58r		
4.0m				10.27b	10.63b	8.91r	7.53r		
3.0m			9.99a	10.50b	10.72b	9.56r	7.69	5.7	
2.0m			12.35a	12.05b	11.62b	9.99b	7.69	5.69	
1.0m			16.42b	13.84b	12.62b	9.99b	7.65	5.66	
0.0m			16.87b	14.81b	12.79b	10.01b	7.56		
-1.0m			17.81b	14.94b	12.86b	10.09b	7.48		
-2.0m			17.84b	15.00b	12.87b	9.26b			
-3.0m			15.40b						
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m	9.89a	10.29a		10.03b	8.63b	6.46	4.11a		
3.0m	7.15a	7.22a	7.50a	8.42a	8.59b	6.35	4.21a	4.02	
2.0m		7.42a	7.10a	7.10a	8.58b	6.25	4.41a	3.99	
1.0m		9.37a	7.81a	7.11a	8.7	6.19	4.74a	3.98	
0.0m		7.76a	8.33a	9.17a	8.55	6.16	4.83		
-1.0m	7.09a	7.33a	7.77a	9.90a	8.52	6.18	4.85		
-2.0m	13.60a	14.89a	13.77	10.59	8.59	6.24			
-3.0m	24.69b	18.86b	14.02						
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.64			
5.0m				7.98a	8.31a	6.74	5.1		
4.0m	10.15a	10.38a		10.27b	9.25	6.75	5.14		
3.0m	8.04a	10.44a	9.99a	10.50b	9.21	6.73	5.13	4.04	
2.0m		11.77a	12.35a	11.23	9.19	6.71	5.1	4.03	
1.0m		19.93	14.46	11.21	9.13	6.6	5.04	4	
0.0m		11.35a	14.24	11.02	8.97	6.5	4.97		
-1.0m	12.94a	17.31a	14.1	10.9	8.87	6.4	4.91		
-2.0m	18.93a	19.93	14.05	10.84	8.81	6.31			
-3.0m	25.00b	19.42b	14.04						
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	24 Of 38

MACHINE TYPE	TerexGigarailler 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd 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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m	9.89a	10.29a		10.03b	8.63b	6.72b	4.11a		
3.0m	7.15a	7.22a	7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m		7.42a	7.10a	7.10a	8.58b	7.06r	4.41a	4.23a	
1.0m		9.37a	7.81a	7.11a	9.74r	7.68	4.74a	4.44a	
0.0m		7.76a	8.33a	9.17a	10.52a	7.65	5.29a		
-1.0m	7.09a	7.33a	7.77a	9.90a	10.67	7.09a	5.82a		
-2.0m	13.60a	14.89a	15.05b	12.61b	10.74	7.73			
-3.0m	24.69b	18.86b	15.26b						
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.96a	6.2		
4.0m	10.15a	10.38a		10.27b	10.63b	8.12	6.25		
3.0m	8.04a	10.44a	9.99a	10.50b	10.72b	8.09	6.25	4.95	
2.0m		11.77a	12.35a	12.05b	11.12	8.09	6.22	4.94	
1.0m		21.32b	16.42b	13.69	11.14	8.09	6.17	4.92	
0.0m		11.35a	16.87b	13.76b	11.14	8	6.1		
-1.0m	12.94a	17.31a	17.81b	13.67	11.03	7.89	6.04		
-2.0m	18.93a	21.89b	17.84b	13.61	10.97	7.8			
-3.0m	25.00b	19.42b	15.40b						
-4.0m									

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

LOWER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.47a	7.26a					
7.0m				6.98a	6.41a				
6.0m			6.13a	6.75a	7.09a	4.56a			
5.0m				7.16a	7.63a	6.35a	4.27a		
4.0m	9.89a	10.29a		10.03b	8.63b	6.72b	4.11a		
3.0m	7.15a	7.22a	7.50a	8.42a	8.59b	6.71b	4.21a	4.16a	
2.0m		7.42a	7.10a	7.10a	8.58b	7.05	4.41a	4.23a	
1.0m		9.37a	7.81a	7.11a	9.17	7	4.74a	4.44a	
0.0m		7.76a	8.33a	9.17a	9.05	6.98	5.29a		
-1.0m	7.09a	7.33a	7.77a	9.90a	9.03	6.99	5.71		
-2.0m	13.60a	14.89a	12.8	10.63	9.08	7.04			
-3.0m	21.77	16.25	12.97						
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m									
8.0m			7.70a	7.26a					
7.0m				7.01a	6.91a				
6.0m			6.27a	7.02a	7.18a	6.87a			
5.0m				7.98a	8.31a	7.4	5.9		
4.0m	10.15a	10.38a		10.27b	9.57	7.41	5.94		
3.0m	8.04a	10.44a	9.99a	10.50b	9.53	7.39	5.94	4.86	
2.0m		11.77a	12.35a	11.11	9.52	7.39b	5.91	4.85	
1.0m		16.25	13.28	11.09	9.5	7.34	5.86	4.83	
0.0m		11.35a	13.12	10.94	9.38	7.25	5.81		
-1.0m	12.94a	16.28	13.03	10.86	9.3	7.17	5.76		
-2.0m	18.93a	16.26	12.99	10.81	9.25	7.1			
-3.0m	21.79	16.31	12.99						
-4.0m									

**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	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.17	4.23a		
4.0m	8.98a	9.23a	10.52a	9.63	8.07	6.09	4.12a	4.06	
3.0m		7.10a	7.28a	7.94a	8	6	4.20a	4.05	
2.0m		7.68a	7.20a	7.06a	7.88	5.92	4.48a	4.03	
1.0m		9.75a	7.94a	9.16	7.73	5.87	4.78	4.02	
0.0m	7.26a	7.62a	8.17a	8.98a	7.62	5.86	4.77		
-1.0m	7.63a	7.91a	9.16a	8.95	7.62	5.88	4.79		
-2.0m	15.03a	13.77	10.91	9.02	7.69	5.95			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	6.3	4.92a		
5.0m				8.45a	8.27	6.36	5.01		
4.0m	9.93a	10.04a	10.80a	9.65	8.23	6.34	5.03	4.06	
3.0m		11.08a	10.25a	9.6	8.2	6.33	5.02	4.08	
2.0m		12.36a	11.57	9.6	8.19	6.29	4.99	4.06	
1.0m		13.94	11.34	9.44	8.07	6.21	4.94	4.04	
0.0m	8.00a	12.39a	11.19	9.3	7.95	6.13	4.88		
-1.0m	13.96a	13.96	11.11	9.22	7.88	6.04	4.83		
-2.0m	18.79	13.94	11.08	9.19	7.82	5.97			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.99r	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.26a	8.09	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.79b	7.49a	5.84a		
-2.0m	15.03a	16.70a	15.07b	12.63b	10.87b	8.2			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	8.24a	6.51		
4.0m	9.93a	10.04a	10.80a	10.21b	10.57b	8.52	6.56	4.35a	
3.0m		11.08a	10.25a	10.69b	10.83b	8.5	6.56	5.18	
2.0m		12.36a	13.62a	12.43b	11.78	8.5	6.52	5.17	
1.0m		20.60b	15.64b	14.06b	11.8	8.51	6.46	5.14	
0.0m	8.00a	12.39a	17.17b	14.64	11.86	8.43	6.4		
-1.0m	13.96a	18.54a	17.83b	14.73	11.77	8.31	6.34		
-2.0m	20.36a	21.72b	17.73b	14.68	11.7	8.24			
-3.0m									
-4.0m									

<b>NOTES</b>	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
	<b>PAGE</b> 26 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

<b>5b</b>	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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		7.85							
8.0m			6.28	5.11					
7.0m				5.2	4.37	3.22			
6.0m			5.92a	5.15	4.34	3.25	2.52		
5.0m				5.09	4.24	3.21	2.53		
4.0m	8.98a	7.18	5.53	5.09	4.21	3.13	2.5	2.03	
3.0m		7.10a	5.54	4.45	4.14	3.04	2.45	2.02	
2.0m		6.99	5.45	4.42	4.02	2.96	2.41	2	
1.0m		6.85	5.37	4.63	3.88	2.91	2.37	1.99	
0.0m	7.26a	6.89	5.44	4.47	3.78	2.89	2.36		
-1.0m	7.63a	6.74	5.36	4.43	3.78	2.92	2.39		
-2.0m	9.12	6.82	5.43	4.5	3.84	2.98			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		7.86							
8.0m			6.31	5.14					
7.0m				5.24	4.44	3.24			
6.0m			6.19a	5.22	4.44	3.37	2.52		
5.0m				5.17	4.41	3.38	2.6		
4.0m	9.88	7.3	5.65	5.1	4.37	3.37	2.63	2.03	
3.0m		7.18	5.57	5.06	4.34	3.36	2.62	2.05	
2.0m		7.01	6.06	5.06	4.33	3.32	2.58	2.03	
1.0m		6.97	5.84	4.9	4.21	3.24	2.53	2.01	
0.0m	8.00a	7.06	5.7	4.77	4.1	3.16	2.47		
-1.0m	9.25	6.99	5.62	4.69	4.02	3.07	2.42		
-2.0m	9.26	6.98	5.59	4.66	3.97	3.01			
-3.0m									
-4.0m									

<b>5b</b>	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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	4.84			
6.0m			5.92a	6.69a	6.69	4.49a	3.73		
5.0m				7.91a	6.57	4.81	3.75		
4.0m	8.98a	9.23a	9.39	8.08	6.54	4.73	3.71	3	
3.0m		7.10a	7.28a	7.3	6.46	4.62	3.66	2.99	
2.0m		7.68a	7.20a	7.06a	6.32	4.54	3.61	2.97	
1.0m		9.75a	7.94a	7.52	6.15	4.48	3.57	2.95	
0.0m	7.26a	7.62a	8.17a	7.33	6.03	4.46	3.55		
-1.0m	7.63a	7.91a	9.16a	7.28	6.03	4.49	3.58		
-2.0m	15.03a	12.43	9.25	7.36	6.1	4.56			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.78a	4.85			
6.0m			6.19a	7.08a	6.81	5	3.73		
5.0m				8.17	6.77	5.02	3.82		
4.0m	9.93a	10.04a	9.54	8.1	6.73	5	3.85	3	
3.0m		11.08a	9.4	8.05	6.69	4.99	3.84	3.01	
2.0m		12.36a	10.07	8.04	6.69	4.95	3.8	3	
1.0m		12.64	9.78	7.85	6.54	4.85	3.74	2.98	
0.0m	8.00a	12.39a	9.6	7.69	6.41	4.76	3.67		
-1.0m	13.96a	12.67	9.5	7.6	6.32	4.66	3.62		
-2.0m	19.03	12.65	9.47	7.56	6.26	4.59			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	27 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.86							
8.0m			5.52	4.49					
7.0m				4.58	3.84	2.83			
6.0m			5.51	4.53	3.82	2.85	2.2		
5.0m				4.47	3.71	2.81	2.21		
4.0m	8.53	6.22	4.78	4.47	3.69	2.73	2.18	1.76	
3.0m		6.18	4.79	3.84	3.62	2.64	2.13	1.76	
2.0m		6.03	4.71	3.81	3.5	2.57	2.09	1.74	
1.0m		5.89	4.62	4.02	3.37	2.52	2.05	1.72	
0.0m	7.26a	5.93	4.7	3.86	3.26	2.5	2.04		
-1.0m	7.63a	5.79	4.61	3.82	3.26	2.52	2.07		
-2.0m	7.79	5.86	4.68	3.89	3.32	2.59			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.88							
8.0m			5.54	4.52					
7.0m				4.62	3.92	2.84			
6.0m			5.55	4.6	3.92	2.97	2.2		
5.0m				4.55	3.88	2.98	2.28		
4.0m	8.67	6.33	4.9	4.48	3.84	2.97	2.3	1.76	
3.0m		6.22	4.83	4.44	3.81	2.96	2.3	1.78	
2.0m		6.05	5.3	4.44	3.81	2.92	2.26	1.77	
1.0m		6.01	5.09	4.29	3.69	2.84	2.21	1.74	
0.0m	7.95	6.09	4.95	4.16	3.58	2.76	2.15		
-1.0m	7.92	6.03	4.87	4.08	3.5	2.68	2.1		
-2.0m	7.93	6.02	4.84	4.05	3.45	2.61			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.28	4.5			
6.0m			5.92a	6.69a	6.25	4.49a	3.46		
5.0m				7.55	6.13	4.48	3.48		
4.0m	8.98a	9.23a	8.72	7.55	6.1	4.39	3.44	2.78	
3.0m		7.10a	7.28a	6.76	6.02	4.29	3.39	2.77	
2.0m		7.68a	7.20a	6.73	5.87	4.2	3.34	2.74	
1.0m		9.75a	7.94a	6.99	5.71	4.15	3.3	2.73	
0.0m	7.26a	7.62a	8.17a	6.79	5.59	4.13	3.29		
-1.0m	7.63a	7.91a	8.5	6.75	5.59	4.15	3.32		
-2.0m	15.03a	11.54	8.59	6.82	5.66	4.23			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.37	4.52			
6.0m			6.19a	7.08a	6.37	4.67	3.46		
5.0m				7.64	6.33	4.68	3.56		
4.0m	9.93a	10.04a	8.87	7.56	6.28	4.67	3.58	2.78	
3.0m		11.08a	8.73	7.51	6.25	4.66	3.57	2.79	
2.0m		11.81	9.4	7.5	6.24	4.62	3.53	2.78	
1.0m		11.75	9.12	7.32	6.09	4.52	3.47	2.75	
0.0m	8.00a	11.87	8.94	7.16	5.96	4.43	3.4		
-1.0m	13.96a	11.78	8.84	7.06	5.87	4.33	3.35		
-2.0m	17.69	11.76	8.8	7.03	5.81	4.26			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	28 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.5					
7.0m				6.59	5.51	4.07			
6.0m			5.92a	6.54	5.49	4.1	3.19		
5.0m				6.48	5.38	4.05	3.2		
4.0m	8.98a	9.23a	7.23	6.47	5.35	3.97	3.17	2.59	
3.0m		7.10a	7.24	5.8	5.28	3.88	3.12	2.58	
2.0m		7.68a	7.15	5.77	5.16	3.8	3.07	2.56	
1.0m		9.1	7.06	5.99	5.01	3.75	3.04	2.54	
0.0m	7.26a	7.62a	7.14	5.83	4.9	3.73	3.03		
-1.0m	7.63a	7.91a	7.04	5.78	4.9	3.76	3.05		
-2.0m	12.41	9.06	7.12	5.85	4.96	3.82			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	6.52					
7.0m				6.63	5.59	4.08			
6.0m			6.19a	6.61	5.59	4.22	3.19		
5.0m				6.55	5.56	4.24	3.28		
4.0m	9.93a	9.52a	7.35	6.49	5.51	4.22	3.3	2.59	
3.0m		9.44	7.28	6.44	5.48	4.22	3.29	2.6	
2.0m		9.28	7.79	6.44	5.48	4.17	3.26	2.59	
1.0m		9.23	7.56	6.28	5.35	4.08	3.2	2.57	
0.0m	8.00a	9.32	7.41	6.14	5.23	4	3.14		
-1.0m	12.56	9.25	7.32	6.06	5.16	3.91	3.09		
-2.0m	12.57	9.24	7.3	6.03	5.1	3.85			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.83	5.99	4.23a		
4.0m	8.98a	9.23a	10.52a	9.29	7.8	5.91	4.12a	3.95	
3.0m		7.10a	7.28a	7.94a	7.73	5.82	4.20a	3.94	
2.0m		7.68a	7.20a	7.06a	7.61	5.74	4.48a	3.92	
1.0m		9.75a	7.94a	8.83	7.47	5.69	4.64	3.91	
0.0m	7.26a	7.62a	8.17a	8.67	7.36	5.67	4.63		
-1.0m	7.63a	7.91a	9.16a	8.63	7.36	5.7	4.65		
-2.0m	15.03a	13.17	10.48	8.69	7.42	5.76			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	6.12	4.79		
5.0m				8.45a	8	6.17	4.87		
4.0m	9.93a	10.04a	10.68a	9.31	7.96	6.15	4.89	3.95	
3.0m		11.08a	10.25a	9.27	7.93	6.15	4.88	3.96	
2.0m		12.36a	11.13	9.26	7.93	6.11	4.85	3.95	
1.0m		13.32	10.9	9.11	7.8	6.02	4.8	3.93	
0.0m	8.00a	12.39a	10.76	8.97	7.69	5.94	4.73		
-1.0m	13.96a	13.35	10.68	8.89	7.61	5.85	4.69		
-2.0m	17.81	13.33	10.65	8.86	7.56	5.79			
-3.0m									
-4.0m									

**NOTES** Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the 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	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.71	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.62	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	6.54	4.48a	4.28a	
1.0m		9.75a	7.94a	10.04	8.5	6.49	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	8.4	6.48	5.29		
-1.0m	7.63a	7.91a	9.16a	9.83	8.4	6.5	5.31		
-2.0m	15.03a	14.97	11.92	9.9	8.46	6.57			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	6.87	4.92a		
5.0m				8.45a	8.71a	6.95	5.52		
4.0m	9.93a	10.04a	10.80a	10.21b	8.97	6.94	5.54	4.35a	
3.0m		11.08a	10.25a	10.43	8.94	6.93	5.53	4.52	
2.0m		12.36a	12.52	10.43	8.93	6.91	5.5	4.51	
1.0m		15.13	12.35	10.31	8.83	6.82	5.45	4.48	
0.0m	8.00a	12.39a	12.2	10.18	8.72	6.74	5.39		
-1.0m	13.96a	15.15	12.12	10.1	8.65	6.66	5.34		
-2.0m	20.22	15.14	12.1	10.07	8.59	6.59			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	6.98	4.48a	4.28a	
1.0m		9.75a	7.94a	10.57	9	6.93	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	8.9	6.91	5.48a		
-1.0m	7.63a	7.91a	9.16a	10.37	8.9	6.94	5.69		
-2.0m	15.03a	15.52	12.49	10.43	8.96	7			
-3.0m									
-4.0m									

**UPPER SWL**


	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	7.35	5.88		
4.0m	9.93a	10.04a	10.80a	10.21b	9.42	7.34	5.91	4.35a	
3.0m		11.08a	10.25a	10.69b	9.39	7.33	5.9	4.85	
2.0m		12.36a	12.69b	10.91	9.38	7.33	5.87	4.84	
1.0m		15.67	12.89	10.83	9.33	7.25	5.82	4.82	
0.0m	8.00a	12.39a	12.75	10.71	9.21	7.17	5.77		
-1.0m	13.96a	15.7	12.68	10.63	9.14	7.09	5.72		
-2.0m	20.36a	15.68	12.65	10.6	9.09	7.02			
-3.0m									
-4.0m									

<b>NOTES</b>	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
	<b>PAGE</b> 30 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.


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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.99r	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.26a	8.54b	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.79b	7.49a	5.84a		
-2.0m	15.03a	16.70a	15.07b	12.63b	10.87b	8.51b			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	8.24a	6.76r		
4.0m	9.93a	10.04a	10.80a	10.21b	10.57b	9.02r	7.67b	4.35a	
3.0m		11.08a	10.25a	10.69b	10.83b	9.68b	7.98b	6.04a	
2.0m		12.36a	13.62a	12.43b	11.82b	9.99b	8.20b	6.52r	
1.0m		20.60b	15.64b	14.06b	12.71b	9.99b	8.21b	6.44b	
0.0m	8.00a	12.39a	17.17b	14.87b	12.80b	10.02b	8.22b		
-1.0m	13.96a	18.54a	17.83b	14.96b	12.88b	10.09b	7.45b		
-2.0m	20.36a	21.72b	17.73b	14.90b	12.65b	8.82b			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.99r	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.26a	8.54b	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.79b	7.49a	5.84a		
-2.0m	15.03a	16.70a	15.07b	12.63b	10.87b	8.51b			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	8.24a	6.76r		
4.0m	9.93a	10.04a	10.80a	10.21b	10.57b	9.02r	7.32	4.35a	
3.0m		11.08a	10.25a	10.69b	10.83b	9.12b	7.33	5.96	
2.0m		12.36a	13.62a	12.43b	11.82b	9.11	7.3	5.95	
1.0m		20.60b	15.64b	14.06b	12.04	9.13	7.25	5.93	
0.0m	8.00a	12.39a	17.17b	14.38	12.09	9.13	7.2		
-1.0m	13.96a	18.54a	17.79b	14.38	12.05	9.03	7.15		
-2.0m	20.36a	21.72b	17.73b	14.35	11.99	8.82b			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	31 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.2	4.79			
6.0m			5.92a	6.69a	6.17	4.49a	3.88		
5.0m				7.09	6.08	4.77	3.89		
4.0m	8.98a	9.23a	7.8	7.09	6.06	4.7	3.86	3.23	
3.0m		7.10a	7.28a	6.53	6	4.62	3.81	3.22	
2.0m		7.68a	7.20a	6.5	5.89	4.55	3.77	3.2	
1.0m		9.33	7.66	6.69	5.77	4.51	3.74	3.19	
0.0m	7.26a	7.62a	7.72	6.55	5.68	4.49	3.73		
-1.0m	7.63a	7.91a	7.65	6.52	5.68	4.51	3.75		
-2.0m	11.71	9.3	7.71	6.57	5.73	4.57			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.12					
7.0m				6.98a	6.27	4.8			
6.0m			6.19a	7.08a	6.26	4.92	3.88		
5.0m				7.16	6.23	4.94	3.95		
4.0m	9.93a	9.63	7.9	7.1	6.2	4.92	3.98	3.23	
3.0m		9.59	7.82	7.07	6.17	4.92	3.97	3.24	
2.0m		9.47	8.25	7.06	6.17	4.88	3.94	3.23	
1.0m		9.43	8.06	6.93	6.06	4.8	3.88	3.21	
0.0m	8.00a	9.5	7.94	6.81	5.96	4.73	3.83		
-1.0m	11.81	9.45	7.87	6.74	5.89	4.65	3.78		
-2.0m	11.82	9.44	7.85	6.72	5.85	4.59			
-3.0m									
-4.0m									

<b>6a</b>	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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.26	4.23a		
4.0m	8.98a	9.23a	10.52a	9.54	8.08	6.19	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.01	6.1	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	7.89	6.02	4.48a	4.16	
1.0m		9.75a	7.94a	9.1	7.76	5.98	4.9	4.15	
0.0m	7.26a	7.62a	8.17a	8.95	7.66	5.96	4.89		
-1.0m	7.63a	7.91a	9.16a	8.91	7.66	5.98	4.92		
-2.0m	15.03a	13.26	10.71	8.97	7.72	6.04			
-3.0m									
-4.0m									

**UPPER SWL**


	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	6.38	4.92a		
5.0m				8.45a	8.27	6.44	5.12		
4.0m	9.93a	10.04a	10.80a	9.56	8.23	6.42	5.14	4.19	
3.0m		11.08a	10.25a	9.52	8.2	6.42	5.14	4.2	
2.0m		12.36a	11.32	9.51	8.2	6.38	5.1	4.19	
1.0m		13.41	11.1	9.36	8.08	6.29	5.05	4.17	
0.0m	8.00a	12.39a	10.97	9.24	7.97	6.22	4.99		
-1.0m	13.96a	13.43	10.89	9.16	7.9	6.13	4.95		
-2.0m	17.51	13.41	10.87	9.13	7.84	6.07			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	32 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.


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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.98							
8.0m			5.56	4.49					
7.0m				4.58	3.82	2.79			
6.0m			5.55	4.53	3.79	2.81	2.15		
5.0m				4.47	3.69	2.77	2.17		
4.0m	8.79	6.3	4.79	4.47	3.66	2.69	2.13	1.72	
3.0m		6.26	4.8	3.81	3.59	2.6	2.09	1.71	
2.0m		6.1	4.71	3.78	3.47	2.52	2.04	1.69	
1.0m		5.96	4.63	4	3.33	2.47	2.01	1.68	
0.0m	7.26a	5.99	4.7	3.84	3.23	2.45	1.99		
-1.0m	7.63a	5.85	4.61	3.8	3.23	2.48	2.02		
-2.0m	8	5.92	4.68	3.86	3.29	2.54			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.99							
8.0m			5.58	4.51					
7.0m				4.62	3.9	2.8			
6.0m			5.59	4.6	3.9	2.94	2.16		
5.0m				4.54	3.86	2.95	2.24		
4.0m	8.95	6.42	4.91	4.48	3.82	2.94	2.26	1.72	
3.0m		6.3	4.84	4.44	3.79	2.93	2.26	1.74	
2.0m		6.13	5.33	4.43	3.79	2.89	2.22	1.72	
1.0m		6.08	5.11	4.28	3.66	2.8	2.16	1.7	
0.0m	8.00a	6.17	4.96	4.14	3.55	2.72	2.1		
-1.0m	8.14	6.1	4.88	4.06	3.47	2.63	2.05		
-2.0m	8.15	6.09	4.85	4.03	3.42	2.57			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.49					
7.0m				6.59	5.45	3.95			
6.0m			5.92a	6.53	5.42	3.98	3.06		
5.0m				6.46	5.3	3.93	3.07		
4.0m	8.98a	9.23a	7.28	6.46	5.27	3.85	3.04	2.46	
3.0m		7.10a	7.28a	5.74	5.2	3.75	2.99	2.45	
2.0m		7.68a	7.20a	5.71	5.06	3.67	2.94	2.43	
1.0m		9.39	7.1	5.95	4.91	3.61	2.9	2.41	
0.0m	7.26a	7.62a	7.19	5.77	4.79	3.59	2.89		
-1.0m	7.63a	7.91a	7.08	5.72	4.79	3.62	2.92		
-2.0m	13.38	9.35	7.16	5.79	4.86	3.69			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	6.52					
7.0m				6.63	5.53	3.96			
6.0m			6.19a	6.61	5.53	4.11	3.06		
5.0m				6.55	5.49	4.12	3.15		
4.0m	9.93a	9.81	7.42	6.48	5.45	4.11	3.17	2.46	
3.0m		9.77	7.33	6.43	5.41	4.1	3.16	2.47	
2.0m		9.59	7.9	6.42	5.41	4.06	3.13	2.46	
1.0m		9.54	7.64	6.25	5.27	3.96	3.07	2.44	
0.0m	8.00a	9.64	7.48	6.11	5.15	3.88	3		
-1.0m	13.56	9.56	7.39	6.02	5.07	3.79	2.95		
-2.0m	13.57	9.55	7.36	5.98	5.01	3.72			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	33 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.3							
8.0m			5.02	4.04					
7.0m				4.13	3.44	2.49			
6.0m			5.01	4.08	3.41	2.51	1.91		
5.0m				4.02	3.3	2.47	1.92		
4.0m	7.89	5.62	4.25	4.02	3.28	2.39	1.89	1.51	
3.0m		5.59	4.26	3.36	3.21	2.3	1.84	1.5	
2.0m		5.43	4.17	3.33	3.09	2.22	1.8	1.48	
1.0m		5.28	4.08	3.55	2.95	2.17	1.76	1.47	
0.0m	7.23	5.32	4.16	3.39	2.84	2.15	1.75		
-1.0m	7.02	5.17	4.07	3.35	2.84	2.18	1.77		
-2.0m	7.1	5.25	4.14	3.41	2.9	2.24			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.32							
8.0m			5.04	4.06					
7.0m				4.17	3.51	2.5			
6.0m			5.05	4.15	3.51	2.64	1.91		
5.0m				4.09	3.48	2.65	1.99		
4.0m	8.04	5.74	4.37	4.03	3.44	2.64	2.02	1.51	
3.0m		5.62	4.3	3.99	3.41	2.63	2.01	1.53	
2.0m		5.45	4.79	3.98	3.4	2.59	1.97	1.52	
1.0m		5.41	4.57	3.83	3.28	2.5	1.92	1.49	
0.0m	7.28	5.49	4.42	3.69	3.16	2.42	1.86		
-1.0m	7.24	5.43	4.34	3.61	3.09	2.33	1.81		
-2.0m	7.25	5.41	4.31	3.58	3.04	2.27			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.35					
7.0m				6.45	5.33	3.86			
6.0m			5.92a	6.39	5.3	3.89	2.99		
5.0m				6.32	5.18	3.84	3		
4.0m	8.98a	9.23a	7.11	6.32	5.15	3.76	2.96	2.4	
3.0m		7.10a	7.12	5.6	5.08	3.66	2.91	2.39	
2.0m		7.68a	7.02	5.57	4.95	3.58	2.87	2.37	
1.0m		9.17	6.93	5.81	4.79	3.52	2.83	2.35	
0.0m	7.26a	7.62a	7.01	5.63	4.68	3.5	2.82		
-1.0m	7.63a	7.91a	6.91	5.58	4.68	3.53	2.84		
-2.0m	13.07	9.13	6.99	5.65	4.74	3.6			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	6.38					
7.0m				6.49	5.41	3.87			
6.0m			6.19a	6.47	5.41	4.02	2.99		
5.0m				6.41	5.37	4.03	3.07		
4.0m	9.93a	9.62	7.25	6.34	5.33	4.02	3.1	2.4	
3.0m		9.55	7.16	6.29	5.3	4.01	3.09	2.41	
2.0m		9.37	7.73	6.28	5.29	3.97	3.05	2.4	
1.0m		9.31	7.47	6.11	5.15	3.87	2.99	2.37	
0.0m	8.00a	9.42	7.31	5.97	5.03	3.79	2.93		
-1.0m	13.24	9.34	7.22	5.88	4.95	3.7	2.88		
-2.0m	13.25	9.32	7.19	5.84	4.89	3.63			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	34 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		7.77							
8.0m			6.34	5.23					
7.0m				5.31	4.51	3.38			
6.0m			5.92a	5.26	4.48	3.41	2.68		
5.0m				5.21	4.39	3.37	2.69		
4.0m	8.98a	7.17	5.64	5.21	4.36	3.29	2.66	2.18	
3.0m		7.10a	5.65	4.61	4.3	3.2	2.61	2.17	
2.0m		6.99	5.57	4.58	4.18	3.13	2.57	2.15	
1.0m		6.86	5.49	4.78	4.05	3.09	2.54	2.14	
0.0m	7.26a	6.9	5.56	4.63	3.95	3.07	2.52		
-1.0m	7.63a	6.77	5.48	4.59	3.95	3.09	2.55		
-2.0m	8.88	6.84	5.54	4.65	4.01	3.15			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		7.78							
8.0m			6.36	5.25					
7.0m				5.35	4.58	3.4			
6.0m			6.19a	5.33	4.58	3.52	2.68		
5.0m				5.28	4.55	3.54	2.76		
4.0m	9.57	7.28	5.75	5.22	4.51	3.52	2.78	2.18	
3.0m		7.17	5.68	5.18	4.48	3.52	2.77	2.19	
2.0m		7.02	6.13	5.18	4.48	3.48	2.74	2.18	
1.0m		6.97	5.93	5.04	4.36	3.4	2.68	2.16	
0.0m	8.00a	7.05	5.8	4.91	4.25	3.32	2.62		
-1.0m	9	7	5.72	4.84	4.18	3.24	2.58		
-2.0m	9.01	6.98	5.7	4.81	4.13	3.18			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.39		
5.0m				7.91a	7.29	5.53	4.23a		
4.0m	8.98a	9.23a	9.93	8.71	7.26	5.44	4.12a	3.6	
3.0m		7.10a	7.28a	7.94a	7.19	5.35	4.20a	3.59	
2.0m		7.68a	7.20a	7.06a	7.06	5.27	4.27	3.57	
1.0m		9.75a	7.94a	8.23	6.92	5.22	4.24	3.56	
0.0m	7.26a	7.62a	8.17a	8.06	6.81	5.2	4.23		
-1.0m	7.63a	7.91a	9.16a	8.02	6.81	5.23	4.25		
-2.0m	15.03a	12.47	9.82	8.09	6.87	5.3			
-3.0m									
-4.0m									

**UPPER SWL**


	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.56			
6.0m			6.19a	7.08a	7.30a	5.68	4.39		
5.0m				8.45a	7.46	5.71	4.47		
4.0m	9.93a	10.04a	10.05	8.72	7.42	5.7	4.5	3.6	
3.0m		11.08a	9.94	8.68	7.39	5.69	4.49	3.62	
2.0m		12.36a	10.49	8.67	7.39	5.65	4.46	3.6	
1.0m		12.64	10.26	8.51	7.26	5.56	4.4	3.58	
0.0m	8.00a	12.39a	10.11	8.38	7.14	5.48	4.34		
-1.0m	13.96a	12.66	10.03	8.29	7.06	5.39	4.29		
-2.0m	17.2	12.65	10	8.26	7.01	5.32			
-3.0m									
-4.0m									

**NOTES** Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the 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	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.


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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	6.75	4.49a	4.26		
5.0m				7.75	6.66	5.23	4.23a		
4.0m	8.98a	9.23a	8.56	7.74	6.63	5.16	4.12a	3.56	
3.0m		7.10a	7.28a	7.18	6.57	5.08	4.2	3.55	
2.0m		7.68a	7.20a	7.06a	6.47	5.01	4.16	3.53	
1.0m		9.75a	7.94a	7.35	6.34	4.97	4.13	3.52	
0.0m	7.26a	7.62a	8.17a	7.21	6.25	4.95	4.11		
-1.0m	7.63a	7.91a	8.41	7.17	6.25	4.97	4.14		
-2.0m	12.86	10.22	8.47	7.23	6.3	5.03			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.81	5.26			
6.0m			6.19a	7.08a	6.84	5.38	4.26		
5.0m				7.81	6.81	5.39	4.34		
4.0m	9.93a	10.04a	8.66	7.76	6.77	5.38	4.36	3.56	
3.0m		10.51	8.57	7.72	6.74	5.38	4.35	3.57	
2.0m		10.38	9.01	7.71	6.74	5.34	4.32	3.56	
1.0m		10.35	8.82	7.58	6.63	5.26	4.27	3.54	
0.0m	8.00a	10.42	8.7	7.47	6.53	5.19	4.21		
-1.0m	12.96	10.37	8.64	7.4	6.47	5.11	4.17		
-2.0m	12.97	10.35	8.61	7.37	6.42	5.05			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	6.64	4.48a	4.28a	
1.0m		9.75a	7.94a	10.57	8.81	6.59	4.95a	4.43	
0.0m	7.26a	7.62a	8.17a	8.98a	8.7	6.57	5.29		
-1.0m	7.63a	7.91a	9.16a	10.35	8.7	6.59	5.32		
-2.0m	15.03a	16.7	12.84	10.42	8.76	6.66			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	6.97	4.92a		
5.0m				8.45a	8.71a	7.07	5.53		
4.0m	9.93a	10.04a	10.80a	10.21b	9.29	7.06	5.56	4.35a	
3.0m		11.08a	10.25a	10.69b	9.26	7.05	5.55	4.48	
2.0m		12.36a	12.91	10.95	9.25	7.03	5.52	4.47	
1.0m		16.88	13.32	10.88	9.17	6.94	5.46	4.45	
0.0m	8.00a	12.39a	13.16	10.73	9.05	6.85	5.4		
-1.0m	13.96a	16.91	13.06	10.64	8.97	6.76	5.35		
-2.0m	20.36a	16.89	13.03	10.61	8.91	6.69			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	36 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd 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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.99r	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.26a	8.54b	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.79b	7.49a	5.84a		
-2.0m	15.03a	16.70a	15.07b	12.63b	10.87b	8.51b			
-3.0m									
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	8.24a	6.76r		
4.0m	9.93a	10.04a	10.80a	10.21b	10.57b	9.02r	7.67b	4.35a	
3.0m		11.08a	10.25a	10.69b	10.83b	9.68b	7.98b	6.04a	
2.0m		12.36a	13.62a	12.43b	11.82b	9.99b	8.20b	6.52r	
1.0m		20.60b	15.64b	14.06b	12.71b	9.99b	8.21b	6.44b	
0.0m	8.00a	12.39a	17.17b	14.87b	12.80b	10.02b	8.22b		
-1.0m	13.96a	18.54a	17.83b	14.96b	12.88b	10.09b	7.45b		
-2.0m	20.36a	21.72b	17.73b	14.90b	12.65b	8.82b			
-3.0m									
-4.0m									

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	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.56a					
7.0m				6.97a	6.61a	5.14a			
6.0m			5.92a	6.69a	7.14a	4.49a	4.63a		
5.0m				7.91a	7.88a	6.61a	4.23a		
4.0m	8.98a	9.23a	10.52a	10.02b	8.62b	6.72b	4.12a	4.18a	
3.0m		7.10a	7.28a	7.94a	8.58b	6.71b	4.20a	4.11a	
2.0m		7.68a	7.20a	7.06a	8.58b	7.18r	4.48a	4.28a	
1.0m		9.75a	7.94a	10.94a	10.03r	7.75	4.95a	4.44a	
0.0m	7.26a	7.62a	8.17a	8.98a	10.08	7.73	5.48a		
-1.0m	7.63a	7.91a	9.16a	11.82a	10.08	7.49a	5.84a		
-2.0m	15.03a	16.70a	14.45	11.92	10.14	7.82			
-3.0m									
-4.0m									

UPPER SWL

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	7.21a					
7.0m				6.98a	6.94a	5.95a			
6.0m			6.19a	7.08a	7.30a	7.04a	4.92a		
5.0m				8.45a	8.71a	8.11	6.49		
4.0m	9.93a	10.04a	10.80a	10.21b	10.53	8.11	6.52	4.35a	
3.0m		11.08a	10.25a	10.69b	10.49	8.1	6.52	5.34	
2.0m		12.36a	13.62a	12.29b	10.48	8.1	6.49	5.33	
1.0m		18.49	14.89	12.32	10.5	8.08	6.44	5.31	
0.0m	8.00a	12.39a	14.74	12.21	10.41	8	6.39		
-1.0m	13.96a	18.51	14.66	12.13	10.33	7.91	6.34		
-2.0m	20.36a	18.5	14.63	12.09	10.28	7.85			
-3.0m									
-4.0m									

NOTES	Radius/height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the 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	37 Of 38

MACHINE TYPE	TerexGigarailer 12 1.8m Crane Arm
SERIAL NUMBER	168M301644
RAIL AXLE NUMBER	2043
EQUIPMENT	1m92 + 3m339 + 1m80
DATE	02nd May 2006
ISSUE	1



This machine is equipped with a Prolec Rexwatch RCI.

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.02							
8.0m			4.81	3.88					
7.0m				3.97	3.31	2.4			
6.0m			4.81	3.92	3.28	2.43	1.84		
5.0m				3.86	3.18	2.38	1.86		
4.0m	7.46	5.35	4.06	3.86	3.15	2.3	1.82	1.46	
3.0m		5.32	4.07	3.22	3.09	2.21	1.78	1.45	
2.0m		5.16	3.98	3.19	2.97	2.14	1.73	1.43	
1.0m		5.02	3.9	3.41	2.83	2.09	1.7	1.42	
0.0m	6.83	5.06	3.97	3.25	2.72	2.07	1.68		
-1.0m	6.62	4.91	3.89	3.2	2.72	2.09	1.71		
-2.0m	6.7	4.99	3.96	3.27	2.78	2.16			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		6.03							
8.0m			4.84	3.91					
7.0m				4.01	3.39	2.41			
6.0m			4.84	3.99	3.38	2.55	1.84		
5.0m				3.94	3.35	2.56	1.93		
4.0m	7.61	5.47	4.18	3.88	3.31	2.55	1.95	1.46	
3.0m		5.35	4.1	3.83	3.28	2.54	1.94	1.47	
2.0m		5.19	4.59	3.83	3.28	2.5	1.91	1.46	
1.0m		5.14	4.37	3.68	3.15	2.41	1.85	1.44	
0.0m	6.87	5.23	4.23	3.54	3.04	2.33	1.79		
-1.0m	6.83	5.16	4.15	3.47	2.97	2.25	1.74		
-2.0m	6.84	5.15	4.12	3.43	2.92	2.18			
-3.0m									
-4.0m									

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

**LOWER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.70a							
8.0m			7.44a	6.42					
7.0m				6.52	5.36	3.85			
6.0m			5.92a	6.46	5.32	3.88	2.96		
5.0m				6.4	5.21	3.83	2.97		
4.0m	8.98a	9.23a	7.24	6.39	5.18	3.74	2.93	2.36	
3.0m		7.10a	7.25	5.64	5.1	3.64	2.88	2.35	
2.0m		7.68a	7.15	5.61	4.96	3.55	2.83	2.33	
1.0m		9.46	7.04	5.86	4.8	3.5	2.8	2.32	
0.0m	7.26a	7.62a	7.14	5.67	4.68	3.48	2.78		
-1.0m	7.63a	7.91a	7.03	5.62	4.68	3.51	2.81		
-2.0m	13.85	9.42	7.11	5.7	4.75	3.58			
-3.0m									
-4.0m									

**UPPER SWL**

	2.0m	2.5m	3.0m	3.5m	4.0m	5.0m	6.0m	7.0m	8.0m
10.00									
9.00									
8.5m		8.73a							
8.0m			7.51a	6.45					
7.0m				6.57	5.44	3.86			
6.0m			6.19a	6.55	5.44	4.01	2.96		
5.0m				6.48	5.4	4.02	3.05		
4.0m	9.93a	9.9	7.38	6.41	5.35	4.01	3.07	2.36	
3.0m		9.87	7.29	6.36	5.32	4	3.06	2.38	
2.0m		9.68	7.89	6.35	5.32	3.96	3.03	2.36	
1.0m		9.62	7.62	6.18	5.18	3.86	2.97	2.34	
0.0m	8.00a	9.73	7.44	6.02	5.05	3.77	2.9		
-1.0m	13.96a	9.65	7.35	5.93	4.96	3.68	2.85		
-2.0m	14.05	9.63	7.32	5.89	4.9	3.61			
-3.0m									
-4.0m									

<b>NOTES</b>	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
<b>PAGE</b>	38 Of 38