

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 20° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1AU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.48	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	3.04	2.63	-	-	-	-
5.00	-	-	-	-	-	-	-	3.47	3.01	2.64	2.32	-	-	-
4.00	-	-	-	-	-	4.62	3.89	3.35	2.92	2.58	2.29	2.04	-	-
3.00	-	-	-	-	-	4.50	3.69	3.20	2.81	2.50	2.23	2.00	-	-
2.00	-	-	-	-	5.37	4.30	3.55	3.04	2.70	2.40	2.17	1.95	1.77	-
1.00	-	-	-	6.48	5.04	4.08	3.39	2.93	2.61	2.33	2.10	1.91	1.74	-
0.00	-	5.41a	5.69a	6.05	4.76	3.89	3.28	2.87	2.55	2.28	2.07	1.88	-	-
-1.00	6.00a	5.42a	5.45a	5.71a	4.63	3.83	3.27	2.85	2.53	2.27	2.06	-	-	-
-2.00	10.03a	9.95a	7.94	5.94	4.71	3.89	3.31	2.88	2.55	2.30	-	-	-	-
-3.00	12.00	12.00	8.19	6.13	4.89	4.06	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.48	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	3.07	2.63	-	-	-	-
5.00	-	-	-	-	-	-	-	3.49	3.07	2.70	2.33	-	-	-
4.00	-	-	-	-	-	4.65	3.96	3.44	3.04	2.71	2.35	2.05	-	-
3.00	-	-	-	-	-	4.56	3.90	3.40	3.01	2.70	2.34	2.04	-	-
2.00	-	-	-	-	5.40	4.51	3.87	3.38	3.00	2.66	2.30	2.01	1.77	-
1.00	-	-	-	6.75	5.42	4.52	3.88	3.40	2.96	2.58	2.25	1.97	1.74	-
0.00	-	6.25a	8.48	6.49	5.25	4.40	3.76	3.27	2.86	2.48	2.17	1.92	-	-
-1.00	8.73a	10.35a	8.35	6.35	5.12	4.28	3.66	3.17	2.73	2.38	2.10	-	-	-
-2.00	12.00	12.00	8.31	6.29	5.06	4.22	3.53	3.04	2.63	2.32	-	-	-	-
-3.00	12.00	12.00	8.35	6.26	4.99	4.11	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 1 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 20° - +/- 40° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1BU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.84	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	2.45	2.09	-	-	-	-
5.00	-	-	-	-	-	-	-	2.83	2.42	2.09	1.81	-	-	-
4.00	-	-	-	-	-	3.84	3.18	2.70	2.33	2.03	1.78	1.56	-	-
3.00	-	-	-	-	-	3.71	2.97	2.54	2.21	1.95	1.72	1.53	-	-
2.00	-	-	-	-	4.49	3.50	2.82	2.38	2.09	1.85	1.65	1.48	1.32	-
1.00	-	-	-	5.49	4.14	3.26	2.65	2.27	2.00	1.78	1.59	1.43	1.30	-
0.00	-	5.41a	5.69a	5.02	3.83	3.06	2.54	2.20	1.94	1.72	1.55	1.40	-	-
-1.00	6.00a	5.42a	5.45a	4.82	3.70	3.00	2.53	2.18	1.92	1.71	1.54	-	-	-
-2.00	10.03a	9.95a	6.83	4.90	3.78	3.07	2.57	2.21	1.94	1.75	-	-	-	-
-3.00	12.00	11.35	7.10	5.11	3.97	3.25	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.84	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	2.48	2.09	-	-	-	-
5.00	-	-	-	-	-	-	-	2.85	2.48	2.15	1.83	-	-	-
4.00	-	-	-	-	-	3.86	3.25	2.80	2.45	2.16	1.85	1.58	-	-
3.00	-	-	-	-	-	3.77	3.19	2.75	2.42	2.15	1.84	1.57	-	-
2.00	-	-	-	-	4.52	3.72	3.15	2.73	2.41	2.11	1.80	1.54	1.33	-
1.00	-	-	-	5.78	4.54	3.73	3.16	2.75	2.37	2.03	1.74	1.49	1.30	-
0.00	-	6.25a	7.43	5.50	4.36	3.61	3.05	2.62	2.26	1.93	1.66	1.44	-	-
-1.00	8.73a	10.35a	7.29	5.35	4.22	3.47	2.94	2.51	2.13	1.83	1.59	-	-	-
-2.00	12.00	11.37	7.24	5.28	4.16	3.41	2.81	2.37	2.03	1.77	-	-	-	-
-3.00	12.00	11.60	7.28	5.25	4.08	3.29	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 2 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 40° - +/- 120°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1CU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.52	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	2.19	1.87	-	-	-	-
5.00	-	-	-	-	-	-	-	2.51	2.16	1.88	1.63	-	-	-
4.00	-	-	-	-	-	3.32	2.79	2.39	2.07	1.82	1.60	1.41	-	-
3.00	-	-	-	-	-	3.21	2.59	2.24	1.97	1.74	1.54	1.37	-	-
2.00	-	-	-	-	3.80	3.01	2.45	2.09	1.85	1.65	1.48	1.32	1.19	-
1.00	-	-	-	4.50	3.48	2.79	2.29	1.98	1.76	1.58	1.42	1.28	1.16	-
0.00	-	5.41a	5.47	4.09	3.21	2.61	2.19	1.92	1.71	1.53	1.38	1.25	-	-
-1.00	6.00a	5.42a	5.22	3.91	3.09	2.55	2.18	1.90	1.69	1.51	1.37	-	-	-
-2.00	10.03a	7.70	5.29	3.98	3.16	2.61	2.22	1.93	1.71	1.55	-	-	-	-
-3.00	12.00	8.03	5.52	4.17	3.33	2.78	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.52	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	2.22	1.87	-	-	-	-
5.00	-	-	-	-	-	-	-	2.53	2.22	1.94	1.64	-	-	-
4.00	-	-	-	-	-	3.35	2.86	2.48	2.19	1.95	1.67	1.42	-	-
3.00	-	-	-	-	-	3.26	2.80	2.44	2.16	1.94	1.65	1.41	-	-
2.00	-	-	-	-	3.84	3.22	2.77	2.42	2.15	1.89	1.62	1.38	1.19	-
1.00	-	-	-	4.76	3.85	3.22	2.77	2.44	2.11	1.82	1.56	1.34	1.16	-
0.00	-	6.25a	5.80	4.51	3.69	3.11	2.66	2.31	2.01	1.72	1.48	1.29	-	-
-1.00	8.73a	8.04	5.68	4.38	3.56	2.99	2.56	2.21	1.89	1.62	1.42	-	-	-
-2.00	12.00	8.05	5.64	4.32	3.50	2.93	2.44	2.08	1.79	1.57	-	-	-	-
-3.00	12.00	8.22	5.67	4.29	3.43	2.82	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 3 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 120° - +/- 140° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1DU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.07	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	3.52	3.02	-	-	-	-
5.00	-	-	-	-	-	-	-	4.06	3.49	3.03	2.65	-	-	-
4.00	-	-	-	-	-	5.60	4.62	3.92	3.39	2.97	2.61	2.32	-	-
3.00	-	-	-	-	-	5.46	4.40	3.76	3.27	2.88	2.56	2.28	-	-
2.00	-	-	-	-	6.71	5.23	4.24	3.59	3.14	2.78	2.48	2.23	2.01	-
1.00	-	-	-	7.79a	6.33	4.99	4.07	3.47	3.05	2.70	2.42	2.19	1.98	-
0.00	-	5.41a	5.69a	6.05a	6.01	4.77	3.95	3.40	2.99	2.65	2.38	2.15	-	-
-1.00	6.00a	5.42a	5.45a	5.71a	5.86	4.71	3.94	3.38	2.96	2.63	2.37	-	-	-
-2.00	10.03a	9.95a	10.31a	7.84	5.95	4.78	3.98	3.41	2.99	2.67	-	-	-	-
-3.00	12.00	12.00	11.64	8.08	6.15	4.97	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.07	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	3.55	3.02	-	-	-	-
5.00	-	-	-	-	-	-	-	4.08	3.54	3.09	2.66	-	-	-
4.00	-	-	-	-	-	5.62	4.70	4.03	3.51	3.10	2.69	2.33	-	-
3.00	-	-	-	-	-	5.52	4.63	3.98	3.48	3.09	2.67	2.33	-	-
2.00	-	-	-	-	6.75	5.48	4.60	3.96	3.47	3.05	2.63	2.29	2.01	-
1.00	-	-	-	8.81	6.77	5.48	4.61	3.98	3.43	2.97	2.57	2.25	1.98	-
0.00	-	6.25a	9.07a	8.50	6.58	5.35	4.48	3.84	3.32	2.86	2.49	2.19	-	-
-1.00	8.73a	10.35a	11.85	8.34	6.42	5.21	4.37	3.73	3.18	2.75	2.42	-	-	-
-2.00	12.00	12.00	11.79	8.26	6.36	5.15	4.23	3.58	3.08	2.69	-	-	-	-
-3.00	12.00	12.00	11.84	8.23	6.27	5.02	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 4 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 140° - +/- 160° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1EU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.40a	4.73a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.19a	6.22a	4.94a	4.47a	-	-	-
4.00	-	-	-	-	-	9.20a	8.02b	6.99b	6.18b	5.53b	4.75a	4.47a	-	-
3.00	-	-	-	-	-	9.21b	7.91b	6.92b	6.14b	5.50a	5.05a	4.76a	-	-
2.00	-	-	-	-	10.91b	9.14b	7.86b	6.88b	6.12b	5.50a	5.19a	5.39a	4.80a	-
1.00	-	-	-	7.79a	8.59a	9.15b	7.87b	6.91b	6.78b	5.73a	5.29a	5.41a	5.06a	-
0.00	-	3.11a	3.28a	6.05a	6.53a	7.39a	9.46b	8.56b	7.78a	6.44a	6.32a	5.73a	-	-
-1.00	3.45a	3.11a	3.13a	5.71a	6.20a	8.45a	10.39b	9.35b	8.38b	7.55b	6.76b	-	-	-
-2.00	5.84a	5.80a	6.01a	11.33a	12.00	11.37b	9.74b	8.52b	7.58b	6.85b	-	-	-	-
-3.00	12.00	12.00	12.00	12.00	12.00	11.66b	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.96a	5.18a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.23a	6.28a	6.17a	5.60a	-	-	-
4.00	-	-	-	-	-	9.47a	8.40a	7.80a	7.40a	6.90b	6.47a	5.50a	-	-
3.00	-	-	-	-	-	9.75b	9.90b	8.90b	8.03b	7.33b	6.79b	6.32r	-	-
2.00	-	-	-	-	11.23b	11.11b	10.60b	9.67b	8.60b	7.78b	7.11r	6.60b	5.35a	-
1.00	-	-	-	12.00	12.00	12.00	11.36b	10.02b	8.91b	8.03b	7.31b	6.71b	5.06a	-
0.00	-	3.61a	5.28a	12.00	12.00	12.00	11.50b	10.07b	8.96b	8.07b	7.36b	6.67b	-	-
-1.00	5.07a	6.04a	8.11a	12.00	12.00	12.00	11.60b	10.17b	9.07b	8.17b	7.15b	-	-	-
-2.00	7.92a	9.62a	12.00	12.00	12.00	12.00	11.81b	10.17b	8.62b	7.07b	-	-	-	-
-3.00	12.00	12.00	12.00	12.00	12.00	12.00	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 5 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 160° - +/- 180° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1FU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.40a	4.73a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.19a	6.22a	4.94a	4.47a	-	-	-
4.00	-	-	-	-	-	9.20a	8.02b	6.99b	6.18b	5.53b	4.75a	4.47a	-	-
3.00	-	-	-	-	-	9.21b	7.91b	6.92b	6.14b	5.50a	5.05a	4.76a	-	-
2.00	-	-	-	-	10.91b	9.14b	7.86b	6.88b	6.12b	5.50a	5.19a	5.39a	4.80a	-
1.00	-	-	-	7.79a	8.59a	9.15b	7.87b	6.91b	6.78b	5.73a	5.29a	5.41a	5.06a	-
0.00	-	3.11a	3.28a	6.05a	6.53a	7.39a	9.46b	8.56b	7.78a	6.44a	6.32a	5.73a	-	-
-1.00	3.45a	3.11a	3.13a	5.71a	6.20a	8.45a	10.39b	9.35b	8.38b	7.55b	6.76b	-	-	-
-2.00	5.84a	5.80a	6.01a	11.33a	12.00	11.37b	9.74b	8.52b	7.58b	6.85b	-	-	-	-
-3.00	12.00	12.00	12.00	12.00	12.00	11.66b	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.96a	5.18a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.23a	6.28a	6.17a	5.60a	-	-	-
4.00	-	-	-	-	-	9.47a	8.40a	7.80a	7.40a	6.90b	6.47a	5.50a	-	-
3.00	-	-	-	-	-	9.75b	9.90b	8.90b	8.03b	7.33b	6.79b	6.32r	-	-
2.00	-	-	-	-	11.23b	11.11b	10.60b	9.67b	8.60b	7.78b	7.11r	6.60b	5.35a	-
1.00	-	-	-	12.00	12.00	12.00	11.36b	10.02b	8.91b	8.03b	7.31b	6.71b	5.06a	-
0.00	-	3.61a	5.28a	12.00	12.00	12.00	11.50b	10.07b	8.96b	8.07b	7.36b	6.67b	-	-
-1.00	5.07a	6.04a	8.11a	12.00	12.00	12.00	11.60b	10.17b	9.07b	8.17b	7.15b	-	-	-
-2.00	7.92a	9.62a	12.00	12.00	12.00	12.00	11.81b	10.17b	8.62b	7.07b	-	-	-	-
-3.00	12.00	12.00	12.00	12.00	12.00	12.00	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 6 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 20° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1AL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.40a	4.73a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.19a	6.22a	4.94a	4.47a	-	-	-
4.00	-	-	-	-	-	9.20a	8.02b	6.99b	6.18b	5.53b	4.75a	4.47a	-	-
3.00	-	-	-	-	-	9.21b	7.91b	6.92b	6.14b	5.50a	5.05a	4.76a	-	-
2.00	-	-	-	-	10.91b	9.14b	7.86b	6.88b	6.12b	5.50a	5.19a	5.39a	4.80a	-
1.00	-	-	-	7.79a	8.59a	9.15b	7.87b	6.91b	6.78b	5.73a	5.29a	5.41a	5.06a	-
0.00	-	3.11a	3.28a	6.05a	6.53a	7.39a	9.46b	8.56b	7.78a	6.44a	6.32a	5.73a	-	-
-1.00	3.45a	3.11a	3.13a	5.71a	6.20a	8.45a	10.39b	9.35b	8.38b	7.55b	6.76b	-	-	-
-2.00	5.84a	5.80a	6.01a	11.33a	12.00	11.37b	9.74b	8.52b	7.58b	6.85b	-	-	-	-
-3.00	12.00	12.00	12.00	12.00	12.00	11.66b	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.96a	5.18a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.23a	6.28a	6.17a	5.60a	-	-	-
4.00	-	-	-	-	-	9.47a	8.40a	7.80a	7.40a	6.90b	6.47a	5.50a	-	-
3.00	-	-	-	-	-	9.75b	9.90b	8.90b	8.03b	7.33b	6.79b	6.32r	-	-
2.00	-	-	-	-	11.23b	11.11b	10.60b	9.67b	8.60b	7.78b	7.11r	6.60b	5.35a	-
1.00	-	-	-	12.00	12.00	12.00	11.36b	10.02b	8.91b	8.03b	7.31b	6.71b	5.06a	-
0.00	-	3.61a	5.28a	12.00	12.00	12.00	11.50b	10.07b	8.96b	8.07b	7.36b	6.67b	-	-
-1.00	5.07a	6.04a	8.11a	12.00	12.00	12.00	11.60b	10.17b	9.07b	8.17b	7.15b	-	-	-
-2.00	7.92a	9.62a	12.00	12.00	12.00	12.00	11.81b	10.17b	8.62b	7.07b	-	-	-	-
-3.00	12.00	12.00	12.00	12.00	12.00	12.00	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F.
Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 7 of 86 Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 20° - +/- 40° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1BL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.99	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	4.40	3.87	-	-	-	-
5.00	-	-	-	-	-	-	-	4.98	4.37	3.87	3.45	-	-	-
4.00	-	-	-	-	-	6.56	5.59	4.86	4.28	3.81	3.42	3.08	-	-
3.00	-	-	-	-	-	6.44	5.39	4.71	4.17	3.73	3.36	3.04	-	-
2.00	-	-	-	-	7.64	6.25	5.25	4.55	4.06	3.64	3.30	3.00	2.74	-
1.00	-	-	-	7.79a	7.32	6.03	5.10	4.45	3.97	3.57	3.24	2.96	2.71	-
0.00	-	5.41a	5.69a	6.05a	6.53a	5.85	4.99	4.39	3.91	3.52	3.20	2.93	-	-
-1.00	6.00a	5.42a	5.45a	5.71a	6.20a	5.79	4.98	4.37	3.89	3.51	3.19	-	-	-
-2.00	10.03a	9.95a	10.31a	8.69	7.00	5.85	5.02	4.40	3.92	3.54	-	-	-	-
-3.00	12.00	12.00	11.61	8.88	7.17	6.02	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.99	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	4.43	3.87	-	-	-	-
5.00	-	-	-	-	-	-	-	5.00	4.42	3.93	3.46	-	-	-
4.00	-	-	-	-	-	6.58	5.66	4.95	4.39	3.94	3.48	3.09	-	-
3.00	-	-	-	-	-	6.50	5.60	4.91	4.36	3.93	3.47	3.09	-	-
2.00	-	-	-	-	7.67	6.46	5.57	4.89	4.36	3.89	3.43	3.05	2.74	-
1.00	-	-	-	9.47	7.69	6.46	5.57	4.90	4.32	3.81	3.38	3.01	2.71	-
0.00	-	6.25a	9.07a	9.22	7.53	6.35	5.46	4.78	4.21	3.72	3.30	2.96	-	-
-1.00	8.73a	10.35a	11.77	9.09	7.40	6.22	5.36	4.68	4.09	3.62	3.23	-	-	-
-2.00	12.00	12.00	11.73	9.03	7.34	6.17	5.24	4.55	3.99	3.56	-	-	-	-
-3.00	12.00	12.00	11.76	9.00	7.27	6.06	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 8 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 40° - +/- 120°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1CL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.02	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	3.55	3.10	-	-	-	-
5.00	-	-	-	-	-	-	-	4.01	3.52	3.11	2.76	-	-	-
4.00	-	-	-	-	-	5.26	4.48	3.90	3.43	3.05	2.73	2.45	-	-
3.00	-	-	-	-	-	5.14	4.29	3.75	3.33	2.97	2.67	2.42	-	-
2.00	-	-	-	-	6.07	4.95	4.15	3.60	3.21	2.88	2.61	2.37	2.16	-
1.00	-	-	-	7.22	5.75	4.74	4.00	3.50	3.13	2.81	2.55	2.33	2.13	-
0.00	-	5.41a	5.69a	6.05a	5.49	4.56	3.90	3.44	3.07	2.77	2.52	2.30	-	-
-1.00	6.00a	5.42a	5.45a	5.71a	5.37	4.50	3.89	3.42	3.05	2.75	2.50	-	-	-
-2.00	10.03a	9.95a	8.71	6.72	5.44	4.57	3.93	3.45	3.07	2.79	-	-	-	-
-3.00	12.00	12.00	8.93	6.90	5.61	4.73	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.02	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	3.57	3.11	-	-	-	-
5.00	-	-	-	-	-	-	-	4.04	3.57	3.17	2.77	-	-	-
4.00	-	-	-	-	-	5.28	4.55	3.99	3.54	3.18	2.80	2.46	-	-
3.00	-	-	-	-	-	5.19	4.49	3.95	3.51	3.17	2.78	2.46	-	-
2.00	-	-	-	-	6.10	5.15	4.46	3.93	3.51	3.13	2.75	2.43	2.16	-
1.00	-	-	-	7.47	6.11	5.16	4.47	3.94	3.47	3.05	2.69	2.38	2.13	-
0.00	-	6.25a	9.07a	7.23	5.95	5.05	4.36	3.82	3.37	2.96	2.61	2.34	-	-
-1.00	8.73a	10.35a	9.08	7.10	5.83	4.93	4.26	3.72	3.25	2.86	2.55	-	-	-
-2.00	12.00	12.00	9.04	7.05	5.77	4.88	4.14	3.60	3.15	2.80	-	-	-	-
-3.00	12.00	12.00	9.08	7.02	5.71	4.77	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 9 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 120° - +/- 140° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1DL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.58	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	4.01	3.50	-	-	-	-
5.00	-	-	-	-	-	-	-	4.57	3.98	3.50	3.10	-	-	-
4.00	-	-	-	-	-	6.13	5.17	4.45	3.89	3.44	3.07	2.75	-	-
3.00	-	-	-	-	-	6.01	4.96	4.29	3.78	3.36	3.01	2.71	-	-
2.00	-	-	-	-	7.22	5.80	4.81	4.13	3.66	3.27	2.94	2.66	2.42	-
1.00	-	-	-	7.79a	6.87	5.57	4.65	4.03	3.57	3.19	2.88	2.62	2.39	-
0.00	-	5.41a	5.69a	6.05a	6.53a	5.38	4.54	3.96	3.51	3.14	2.84	2.59	-	-
-1.00	6.00a	5.42a	5.45a	5.71a	6.20a	5.32	4.53	3.94	3.49	3.13	2.83	-	-	-
-2.00	10.03a	9.95a	10.31a	8.27	6.53	5.38	4.57	3.97	3.51	3.17	-	-	-	-
-3.00	12.00	12.00	11.45	8.48	6.71	5.56	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.58	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	4.04	3.50	-	-	-	-
5.00	-	-	-	-	-	-	-	4.60	4.04	3.57	3.12	-	-	-
4.00	-	-	-	-	-	6.16	5.24	4.55	4.01	3.57	3.14	2.76	-	-
3.00	-	-	-	-	-	6.06	5.17	4.50	3.98	3.57	3.12	2.76	-	-
2.00	-	-	-	-	7.25	6.02	5.14	4.48	3.97	3.52	3.09	2.72	2.43	-
1.00	-	-	-	9.12	7.26	6.03	5.15	4.50	3.93	3.44	3.03	2.68	2.39	-
0.00	-	6.25a	9.07a	8.85	7.09	5.91	5.03	4.37	3.82	3.34	2.95	2.63	-	-
-1.00	8.73a	10.35a	11.63	8.71	6.95	5.77	4.93	4.26	3.70	3.24	2.88	-	-	-
-2.00	12.00	12.00	11.58	8.64	6.89	5.72	4.80	4.13	3.60	3.18	-	-	-	-
-3.00	12.00	12.00	11.62	8.61	6.82	5.60	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 10 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 140° - +/- 160° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1EL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.40a	4.73a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.19a	6.22a	4.94a	4.05	-	-	-
4.00	-	-	-	-	-	9.20a	8.02b	6.99b	6.18b	5.16	3.99	3.20	-	-
3.00	-	-	-	-	-	9.21b	7.91b	6.92b	6.14b	4.97	3.88	3.13	-	-
2.00	-	-	-	-	9.66a	9.14b	7.86b	6.88b	6.12b	4.76	3.74	3.04	2.54	-
1.00	-	-	-	4.53a	5.01a	9.15b	7.87b	6.91b	6.21	4.60	3.62	2.97	2.49	-
0.00	-	3.11a	3.28a	3.49a	3.78a	7.39a	9.46b	8.56b	6.06	4.48	3.55	2.91	-	-
-1.00	3.45a	3.11a	3.13a	3.29a	3.58a	8.45a	10.39b	9.12	6.00	4.45	3.52	-	-	-
-2.00	-	-	6.01a	6.62a	7.87a	11.37b	9.74b	8.52b	6.07	4.53	-	-	-	-
-3.00	-	-	-	-	12.00	11.66b	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.96a	5.18a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.23a	6.28a	5.41	4.08	-	-	-
4.00	-	-	-	-	-	9.47a	8.40a	7.80a	7.15	5.45	4.13	3.22	-	-
3.00	-	-	-	-	-	9.75b	9.90b	8.90b	7.05	5.43	4.10	3.21	-	-
2.00	-	-	-	-	10.91b	11.11b	10.60b	9.67b	7.01	5.33	4.03	3.15	2.55	-
1.00	-	-	-	8.05a	11.87b	12.00	11.36b	9.71	7.06	5.16	3.91	3.07	2.49	-
0.00	-	3.61a	5.28a	8.63a	12.00	12.00	11.50b	9.79b	6.89	4.94	3.75	2.98	-	-
-1.00	4.56a	5.28a	6.98a	10.18a	12.00	12.00	11.60b	10.02	6.56	4.71	3.62	-	-	-
-2.00	-	-	6.76a	9.89a	12.00	12.00	11.81b	9.77	6.28	4.57	-	-	-	-
-3.00	-	-	-	-	12.00	12.00	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 11 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 160° - +/- 180° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	71 %
System Type	PME RAIL	Date	01/07/2016
Config	ROAD	Tool Pin - 1FL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.40a	4.73a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.19a	6.22a	4.94a	4.47a	-	-	-
4.00	-	-	-	-	-	9.20a	8.02b	6.99b	6.18b	5.53b	4.51	3.63	-	-
3.00	-	-	-	-	-	9.21b	7.91b	6.92b	6.14b	5.50a	4.40	3.57	-	-
2.00	-	-	-	-	9.66a	9.14b	7.86b	6.88b	6.12b	5.41	4.27	3.48	2.91	-
1.00	-	-	-	4.53a	5.01a	9.15b	7.87b	6.91b	6.78b	5.25	4.14	3.40	2.87	-
0.00	-	3.11a	3.28a	3.49a	3.78a	7.39a	9.46b	8.56b	6.93	5.13	4.07	3.35	-	-
-1.00	3.45a	3.11a	3.13a	3.29a	3.58a	8.45a	10.39b	9.35b	6.87	5.10	4.04	-	-	-
-2.00	-	5.80a	6.01a	6.62a	7.87a	11.37b	9.74b	8.52b	6.93	5.18	-	-	-	-
-3.00	-	-	-	-	12.00	11.66b	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.63a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	-	5.96a	5.18a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.23a	6.28a	6.00	4.60	-	-	-
4.00	-	-	-	-	-	9.47a	8.40a	7.80a	7.40a	6.01	4.65	3.66	-	-
3.00	-	-	-	-	-	9.75b	9.90b	8.90b	7.73	5.97	4.62	3.65	-	-
2.00	-	-	-	-	10.91b	11.11b	10.60b	9.67b	7.66b	5.96	4.55	3.59	2.92	-
1.00	-	-	-	8.05a	11.87b	12.00	11.36b	10.02b	7.68	5.78	4.43	3.51	2.87	-
0.00	-	3.61a	5.28a	8.63a	12.00	12.00	11.50b	10.07b	7.76	5.59	4.27	3.42	-	-
-1.00	5.07a	5.92a	7.91a	11.74a	12.00	12.00	11.60b	10.17b	7.42	5.36	4.14	-	-	-
-2.00	-	5.92a	7.65a	11.38a	12.00	12.00	11.81b	10.17b	7.15	5.22	-	-	-	-
-3.00	-	-	-	-	12.00	12.00	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 12 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 10° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2AU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.70	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.71	4.13	3.65	-	-	-	-
5.00	-	-	-	-	-	-	-	4.65	4.09	3.63	3.25	-	-	-
4.00	-	-	-	-	-	6.08	5.18	4.52	4.01	3.57	3.21	2.90	-	-
3.00	-	-	-	-	-	5.96	5.02	4.38	3.89	3.50	3.16	2.87	2.61	-
2.00	-	-	-	-	7.01	5.77	4.88	4.24	3.79	3.41	3.09	2.82	2.59	-
1.00	-	-	-	7.20a	6.71	5.57	4.73	4.15	3.71	3.35	3.05	2.78	2.56	-
0.00	5.31a	5.34a	5.54a	5.86a	6.35a	5.41	4.65	4.11	3.67	3.31	3.01	2.76	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	6.42	5.39	4.66	4.10	3.66	3.30	3.01	-	-	-
-2.00	11.22a	11.28a	10.33	7.99	6.50	5.46	4.71	4.14	3.70	-	-	-	-	-
-3.00	-	-	10.64	8.25	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.70	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.71	4.16	3.66	-	-	-	-
5.00	-	-	-	-	-	-	-	4.68	4.15	3.71	3.27	-	-	-
4.00	-	-	-	-	-	6.11	5.27	4.63	4.12	3.71	3.28	2.92	-	-
3.00	-	-	-	-	-	6.03	5.22	4.59	4.10	3.70	3.27	2.91	2.61	-
2.00	-	-	-	-	7.10	6.00	5.20	4.58	4.10	3.65	3.23	2.88	2.59	-
1.00	-	-	-	8.63	7.12	6.02	5.21	4.56	4.04	3.57	3.17	2.83	2.56	-
0.00	5.83a	7.00a	9.87a	8.43	6.94	5.87	5.09	4.46	3.94	3.48	3.10	2.79	-	-
-1.00	9.65a	11.42a	10.64	8.33	6.83	5.77	5.00	4.36	3.82	3.40	3.05	-	-	-
-2.00	12.00	12.00	10.63	8.30	6.77	5.71	4.89	4.26	3.75	-	-	-	-	-
-3.00	-	-	10.64	8.25	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 13 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 10° - +/- 20° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2BU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.33	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.34	2.87	2.49	-	-	-	-
5.00	-	-	-	-	-	-	-	3.27	2.83	2.47	2.17	-	-	-
4.00	-	-	-	-	-	4.40	3.65	3.14	2.74	2.41	2.14	1.90	-	-
3.00	-	-	-	-	-	4.26	3.48	2.99	2.62	2.33	2.08	1.86	1.67	-
2.00	-	-	-	-	5.10	4.06	3.33	2.84	2.51	2.24	2.01	1.81	1.65	-
1.00	-	-	-	6.18	4.77	3.84	3.18	2.75	2.43	2.18	1.96	1.77	1.62	-
0.00	5.31a	5.34a	5.54a	5.80	4.52	3.67	3.09	2.70	2.39	2.14	1.93	1.75	-	-
-1.00	6.66a	6.19a	6.04a	5.68	4.45	3.65	3.10	2.69	2.37	2.12	1.92	-	-	-
-2.00	11.22a	11.28a	7.85	5.77	4.54	3.73	3.15	2.73	2.42	-	-	-	-	-
-3.00	-	-	8.22	6.06	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.33	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.34	2.91	2.50	-	-	-	-
5.00	-	-	-	-	-	-	-	3.30	2.89	2.55	2.20	-	-	-
4.00	-	-	-	-	-	4.42	3.76	3.25	2.86	2.55	2.21	1.92	-	-
3.00	-	-	-	-	-	4.34	3.70	3.22	2.84	2.54	2.19	1.91	1.67	-
2.00	-	-	-	-	5.20	4.31	3.68	3.20	2.84	2.49	2.15	1.88	1.65	-
1.00	-	-	-	6.50	5.22	4.33	3.69	3.18	2.78	2.41	2.09	1.83	1.62	-
0.00	5.83a	7.00a	8.33	6.27	5.02	4.17	3.56	3.07	2.67	2.31	2.01	1.78	-	-
-1.00	9.65a	11.42a	8.22	6.15	4.91	4.06	3.46	2.97	2.55	2.23	1.96	-	-	-
-2.00	12.00	12.00	8.21	6.12	4.84	3.99	3.34	2.86	2.47	-	-	-	-	-
-3.00	-	-	8.22	6.06	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 14 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 20° - +/- 30° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2CU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.73	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.74	2.33	1.99	-	-	-	-
5.00	-	-	-	-	-	-	-	2.67	2.29	1.97	1.71	-	-	-
4.00	-	-	-	-	-	3.65	2.98	2.54	2.19	1.91	1.67	1.47	-	-
3.00	-	-	-	-	-	3.51	2.81	2.38	2.07	1.83	1.61	1.43	1.27	-
2.00	-	-	-	-	4.24	3.30	2.65	2.23	1.96	1.74	1.55	1.38	1.24	-
1.00	-	-	-	5.18	3.89	3.07	2.49	2.13	1.88	1.67	1.50	1.34	1.21	-
0.00	5.31a	5.34a	5.54a	4.77	3.63	2.89	2.40	2.08	1.83	1.63	1.46	1.32	-	-
-1.00	6.66a	6.19a	6.04a	4.65	3.56	2.86	2.41	2.07	1.81	1.62	1.46	-	-	-
-2.00	11.22a	10.94	6.69	4.75	3.65	2.95	2.47	2.12	1.86	-	-	-	-	-
-3.00	-	-	7.09	5.05	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.73	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.74	2.36	2.00	-	-	-	-
5.00	-	-	-	-	-	-	-	2.71	2.35	2.05	1.74	-	-	-
4.00	-	-	-	-	-	3.67	3.09	2.66	2.32	2.05	1.75	1.49	-	-
3.00	-	-	-	-	-	3.59	3.03	2.61	2.29	2.05	1.73	1.48	1.27	-
2.00	-	-	-	-	4.34	3.56	3.01	2.60	2.29	1.99	1.69	1.45	1.24	-
1.00	-	-	-	5.52	4.37	3.57	3.03	2.58	2.23	1.91	1.63	1.40	1.21	-
0.00	5.83a	7.00a	7.20	5.28	4.16	3.41	2.88	2.46	2.12	1.81	1.55	1.35	-	-
-1.00	9.65a	11.32	7.09	5.15	4.04	3.29	2.78	2.36	2.00	1.72	1.50	-	-	-
-2.00	12.00	11.34	7.07	5.11	3.97	3.23	2.66	2.25	1.92	-	-	-	-	-
-3.00	-	-	7.09	5.05	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 15 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 30° - +/- 40° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2DU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.40	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.42	2.08	1.80	-	-	-	-
5.00	-	-	-	-	-	-	-	2.35	2.04	1.78	1.56	-	-	-
4.00	-	-	-	-	-	3.07	2.58	2.23	1.96	1.72	1.53	1.35	-	-
3.00	-	-	-	-	-	2.95	2.42	2.09	1.85	1.65	1.47	1.32	1.17	-
2.00	-	-	-	-	3.44	2.77	2.28	1.96	1.74	1.57	1.41	1.27	1.15	-
1.00	-	-	-	3.99	3.15	2.57	2.14	1.87	1.67	1.51	1.36	1.23	1.12	-
0.00	5.31a	5.34a	4.76	3.66	2.93	2.42	2.06	1.82	1.63	1.47	1.33	1.21	-	-
-1.00	6.66a	6.19a	4.62	3.56	2.87	2.39	2.06	1.81	1.61	1.45	1.32	-	-	-
-2.00	10.37	6.54	4.71	3.64	2.95	2.47	2.12	1.85	1.66	-	-	-	-	-
-3.00	-	-	5.01	3.88	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.41	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.42	2.11	1.81	-	-	-	-
5.00	-	-	-	-	-	-	-	2.38	2.10	1.86	1.58	-	-	-
4.00	-	-	-	-	-	3.09	2.67	2.34	2.07	1.85	1.60	1.37	-	-
3.00	-	-	-	-	-	3.02	2.62	2.30	2.05	1.85	1.58	1.36	1.17	-
2.00	-	-	-	-	3.53	2.99	2.59	2.29	2.05	1.80	1.54	1.33	1.15	-
1.00	-	-	-	4.26	3.55	3.01	2.61	2.27	1.99	1.72	1.48	1.28	1.12	-
0.00	5.83a	6.84	5.10	4.07	3.38	2.87	2.49	2.16	1.89	1.63	1.41	1.24	-	-
-1.00	9.65a	6.79	5.01	3.96	3.27	2.77	2.40	2.07	1.78	1.55	1.36	-	-	-
-2.00	10.64	6.81	5.00	3.93	3.22	2.71	2.29	1.97	1.70	-	-	-	-	-
-3.00	-	-	5.01	3.88	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 16 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 40° - +/- 50° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2EU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.22	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.23	1.91	1.64	-	-	-	-
5.00	-	-	-	-	-	-	-	2.17	1.87	1.62	1.41	-	-	-
4.00	-	-	-	-	-	2.85	2.37	2.04	1.78	1.56	1.37	1.21	-	-
3.00	-	-	-	-	-	2.73	2.21	1.90	1.67	1.48	1.32	1.17	1.04	-
2.00	-	-	-	-	3.20	2.54	2.07	1.76	1.57	1.40	1.25	1.13	1.02	-
1.00	-	-	-	3.72	2.90	2.34	1.93	1.67	1.49	1.34	1.21	1.09	0.99	-
0.00	5.31a	5.34a	4.46	3.38	2.67	2.18	1.85	1.63	1.45	1.30	1.17	1.07	-	-
-1.00	6.66a	6.18	4.32	3.27	2.61	2.16	1.85	1.61	1.43	1.29	1.17	-	-	-
-2.00	10.45	6.28	4.41	3.36	2.69	2.23	1.90	1.66	1.48	-	-	-	-	-
-3.00	-	-	4.72	3.61	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.22	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.23	1.94	1.64	-	-	-	-
5.00	-	-	-	-	-	-	-	2.20	1.93	1.70	1.43	-	-	-
4.00	-	-	-	-	-	2.87	2.47	2.15	1.90	1.69	1.44	1.23	-	-
3.00	-	-	-	-	-	2.80	2.41	2.11	1.87	1.69	1.43	1.22	1.04	-
2.00	-	-	-	-	3.29	2.77	2.39	2.10	1.87	1.63	1.39	1.19	1.02	-
1.00	-	-	-	4.00	3.31	2.79	2.41	2.08	1.82	1.56	1.33	1.14	0.99	-
0.00	5.83a	6.59	4.81	3.80	3.13	2.64	2.28	1.98	1.72	1.47	1.26	1.09	-	-
-1.00	9.65a	6.54	4.72	3.69	3.02	2.54	2.19	1.88	1.60	1.39	1.21	-	-	-
-2.00	10.75	6.56	4.71	3.66	2.97	2.48	2.08	1.78	1.53	-	-	-	-	-
-3.00	-	-	4.72	3.61	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 17 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 50° - +/- 60° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2FU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.17	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.19	1.86	1.59	-	-	-	-
5.00	-	-	-	-	-	-	-	2.12	1.82	1.57	1.36	-	-	-
4.00	-	-	-	-	-	2.81	2.33	2.00	1.73	1.51	1.33	1.16	-	-
3.00	-	-	-	-	-	2.68	2.16	1.85	1.62	1.43	1.27	1.13	0.99	-
2.00	-	-	-	-	3.17	2.50	2.02	1.71	1.51	1.35	1.20	1.08	0.97	-
1.00	-	-	-	3.71	2.86	2.29	1.87	1.62	1.44	1.29	1.16	1.04	0.94	-
0.00	5.31a	5.34a	4.50	3.35	2.62	2.12	1.79	1.57	1.39	1.25	1.12	1.02	-	-
-1.00	6.66a	6.19a	4.35	3.24	2.56	2.10	1.79	1.56	1.38	1.24	1.12	-	-	-
-2.00	11.22a	6.49	4.44	3.33	2.64	2.18	1.85	1.60	1.42	-	-	-	-	-
-3.00	-	-	4.77	3.60	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.18	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.19	1.89	1.60	-	-	-	-
5.00	-	-	-	-	-	-	-	2.15	1.88	1.65	1.39	-	-	-
4.00	-	-	-	-	-	2.84	2.42	2.10	1.85	1.65	1.40	1.18	-	-
3.00	-	-	-	-	-	2.76	2.37	2.07	1.83	1.64	1.38	1.17	0.99	-
2.00	-	-	-	-	3.26	2.73	2.35	2.05	1.83	1.59	1.34	1.14	0.97	-
1.00	-	-	-	4.00	3.28	2.75	2.36	2.04	1.77	1.51	1.28	1.09	0.94	-
0.00	5.83a	6.83	4.87	3.79	3.10	2.60	2.23	1.93	1.67	1.42	1.21	1.05	-	-
-1.00	9.65a	6.78	4.77	3.68	2.99	2.49	2.14	1.83	1.55	1.34	1.16	-	-	-
-2.00	11.78	6.79	4.76	3.65	2.93	2.43	2.03	1.72	1.47	-	-	-	-	-
-3.00	-	-	4.77	3.60	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES
SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F.
Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 18 of 86
Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 60° - +/- 70° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2GU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.10	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.12	1.80	1.53	-	-	-	-
5.00	-	-	-	-	-	-	-	2.05	1.76	1.52	1.31	-	-	-
4.00	-	-	-	-	-	2.72	2.25	1.93	1.67	1.45	1.27	1.12	-	-
3.00	-	-	-	-	-	2.59	2.08	1.78	1.56	1.38	1.22	1.08	0.95	-
2.00	-	-	-	-	3.06	2.40	1.94	1.64	1.45	1.29	1.15	1.03	0.93	-
1.00	-	-	-	3.57	2.75	2.19	1.79	1.55	1.37	1.23	1.11	0.99	0.90	-
0.00	5.31a	5.34a	4.33	3.22	2.52	2.03	1.71	1.50	1.33	1.19	1.07	0.97	-	-
-1.00	6.66a	6.14	4.17	3.11	2.45	2.01	1.71	1.49	1.32	1.18	1.07	-	-	-
-2.00	11.03	6.25	4.27	3.20	2.53	2.09	1.77	1.53	1.36	-	-	-	-	-
-3.00	-	-	4.60	3.46	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.12	1.83	1.54	-	-	-	-
5.00	-	-	-	-	-	-	-	2.08	1.82	1.59	1.33	-	-	-
4.00	-	-	-	-	-	2.74	2.34	2.03	1.79	1.59	1.35	1.13	-	-
3.00	-	-	-	-	-	2.67	2.29	2.00	1.77	1.58	1.33	1.12	0.95	-
2.00	-	-	-	-	3.15	2.64	2.27	1.98	1.76	1.53	1.29	1.10	0.93	-
1.00	-	-	-	3.87	3.17	2.66	2.28	1.97	1.71	1.46	1.23	1.04	0.90	-
0.00	5.83a	6.58	4.70	3.66	2.99	2.51	2.15	1.86	1.61	1.36	1.16	1.00	-	-
-1.00	9.65a	6.53	4.60	3.55	2.88	2.40	2.06	1.76	1.49	1.28	1.11	-	-	-
-2.00	11.37	6.55	4.59	3.51	2.82	2.34	1.95	1.65	1.41	-	-	-	-	-
-3.00	-	-	4.60	3.46	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 19 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 70° - +/- 80° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2HU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.04	1.74	1.47	-	-	-	-
5.00	-	-	-	-	-	-	-	1.98	1.69	1.46	1.26	-	-	-
4.00	-	-	-	-	-	2.63	2.16	1.85	1.61	1.40	1.22	1.07	-	-
3.00	-	-	-	-	-	2.50	2.00	1.71	1.49	1.32	1.17	1.03	0.91	-
2.00	-	-	-	-	2.95	2.31	1.86	1.57	1.39	1.24	1.10	0.98	0.88	-
1.00	-	-	-	3.44	2.64	2.10	1.71	1.48	1.31	1.17	1.05	0.95	0.85	-
0.00	5.31a	5.34a	4.15	3.08	2.40	1.94	1.63	1.43	1.27	1.13	1.02	0.93	-	-
-1.00	6.66a	5.89	4.00	2.97	2.34	1.92	1.63	1.42	1.25	1.12	1.02	-	-	-
-2.00	10.60	5.99	4.09	3.06	2.42	1.99	1.69	1.46	1.30	-	-	-	-	-
-3.00	-	-	4.42	3.33	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.04	1.77	1.48	-	-	-	-
5.00	-	-	-	-	-	-	-	2.01	1.75	1.53	1.28	-	-	-
4.00	-	-	-	-	-	2.65	2.26	1.96	1.72	1.53	1.29	1.08	-	-
3.00	-	-	-	-	-	2.57	2.21	1.92	1.70	1.53	1.28	1.07	0.91	-
2.00	-	-	-	-	3.04	2.54	2.18	1.91	1.70	1.47	1.24	1.05	0.88	-
1.00	-	-	-	3.73	3.06	2.56	2.20	1.89	1.64	1.40	1.18	1.00	0.85	-
0.00	5.83a	6.33	4.52	3.52	2.88	2.41	2.07	1.78	1.54	1.30	1.10	0.95	-	-
-1.00	9.65a	6.28	4.42	3.41	2.77	2.31	1.98	1.69	1.42	1.22	1.06	-	-	-
-2.00	10.94	6.30	4.41	3.38	2.71	2.24	1.87	1.58	1.35	-	-	-	-	-
-3.00	-	-	4.42	3.33	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 20 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 80° - +/- 90°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2IU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.12	1.81	1.54	-	-	-	-
5.00	-	-	-	-	-	-	-	2.06	1.76	1.52	1.32	-	-	-
4.00	-	-	-	-	-	2.73	2.25	1.93	1.68	1.46	1.28	1.12	-	-
3.00	-	-	-	-	-	2.60	2.09	1.78	1.56	1.38	1.22	1.08	0.95	-
2.00	-	-	-	-	3.07	2.41	1.94	1.65	1.46	1.30	1.16	1.04	0.93	-
1.00	-	-	-	3.59	2.76	2.20	1.80	1.55	1.38	1.24	1.11	1.00	0.90	-
0.00	5.31a	5.34a	4.35	3.23	2.53	2.04	1.72	1.51	1.34	1.20	1.08	0.98	-	-
-1.00	6.66a	6.16	4.19	3.12	2.46	2.02	1.72	1.50	1.32	1.18	1.07	-	-	-
-2.00	11.07	6.27	4.29	3.21	2.54	2.09	1.78	1.54	1.37	-	-	-	-	-
-3.00	-	-	4.62	3.47	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.12	1.84	1.55	-	-	-	-
5.00	-	-	-	-	-	-	-	2.09	1.82	1.60	1.34	-	-	-
4.00	-	-	-	-	-	2.75	2.35	2.04	1.79	1.60	1.35	1.14	-	-
3.00	-	-	-	-	-	2.68	2.30	2.00	1.77	1.59	1.33	1.13	0.95	-
2.00	-	-	-	-	3.16	2.65	2.27	1.99	1.77	1.54	1.29	1.10	0.93	-
1.00	-	-	-	3.88	3.18	2.66	2.29	1.97	1.71	1.46	1.24	1.05	0.90	-
0.00	5.83a	6.61	4.71	3.67	3.00	2.51	2.16	1.86	1.61	1.37	1.16	1.00	-	-
-1.00	9.65a	6.56	4.62	3.56	2.89	2.41	2.07	1.77	1.49	1.29	1.11	-	-	-
-2.00	11.41	6.57	4.60	3.53	2.83	2.35	1.96	1.66	1.42	-	-	-	-	-
-3.00	-	-	4.62	3.47	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 21 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 90° - +/- 100°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2JU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.12	1.81	1.54	-	-	-	-
5.00	-	-	-	-	-	-	-	2.06	1.76	1.52	1.32	-	-	-
4.00	-	-	-	-	-	2.73	2.25	1.93	1.68	1.46	1.28	1.12	-	-
3.00	-	-	-	-	-	2.60	2.09	1.78	1.56	1.38	1.22	1.08	0.95	-
2.00	-	-	-	-	3.07	2.41	1.94	1.65	1.46	1.30	1.16	1.04	0.93	-
1.00	-	-	-	3.59	2.76	2.20	1.80	1.55	1.38	1.24	1.11	1.00	0.90	-
0.00	5.31a	5.34a	4.35	3.23	2.53	2.04	1.72	1.51	1.34	1.20	1.08	0.98	-	-
-1.00	6.66a	6.16	4.19	3.12	2.46	2.02	1.72	1.49	1.32	1.18	1.07	-	-	-
-2.00	11.07	6.27	4.29	3.21	2.54	2.09	1.78	1.54	1.37	-	-	-	-	-
-3.00	-	-	4.62	3.47	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.11	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.12	1.84	1.55	-	-	-	-
5.00	-	-	-	-	-	-	-	2.09	1.82	1.60	1.34	-	-	-
4.00	-	-	-	-	-	2.75	2.35	2.04	1.79	1.60	1.35	1.14	-	-
3.00	-	-	-	-	-	2.68	2.30	2.00	1.77	1.59	1.33	1.13	0.95	-
2.00	-	-	-	-	3.16	2.65	2.27	1.99	1.77	1.54	1.29	1.10	0.93	-
1.00	-	-	-	3.88	3.18	2.66	2.29	1.97	1.71	1.46	1.24	1.05	0.90	-
0.00	5.83a	6.61	4.71	3.67	3.00	2.51	2.16	1.86	1.61	1.37	1.16	1.00	-	-
-1.00	9.65a	6.56	4.62	3.56	2.89	2.41	2.07	1.77	1.49	1.29	1.11	-	-	-
-2.00	11.41	6.57	4.60	3.53	2.83	2.35	1.96	1.66	1.42	-	-	-	-	-
-3.00	-	-	4.62	3.47	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 22 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 100° - +/- 110° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2KU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.18	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.19	1.87	1.59	-	-	-	-
5.00	-	-	-	-	-	-	-	2.13	1.83	1.58	1.37	-	-	-
4.00	-	-	-	-	-	2.82	2.33	2.00	1.74	1.52	1.33	1.17	-	-
3.00	-	-	-	-	-	2.69	2.17	1.85	1.63	1.44	1.27	1.13	1.00	-
2.00	-	-	-	-	3.18	2.50	2.02	1.72	1.52	1.36	1.21	1.08	0.97	-
1.00	-	-	-	3.72	2.87	2.29	1.88	1.62	1.44	1.29	1.16	1.05	0.95	-
0.00	5.31a	5.34a	4.52	3.36	2.63	2.13	1.80	1.58	1.40	1.25	1.13	1.03	-	-
-1.00	6.66a	6.19a	4.36	3.25	2.57	2.11	1.80	1.56	1.38	1.24	1.12	-	-	-
-2.00	11.22a	6.51	4.46	3.34	2.65	2.19	1.85	1.61	1.43	-	-	-	-	-
-3.00	-	-	4.79	3.61	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.18	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.19	1.90	1.60	-	-	-	-
5.00	-	-	-	-	-	-	-	2.16	1.89	1.65	1.39	-	-	-
4.00	-	-	-	-	-	2.84	2.43	2.11	1.86	1.65	1.40	1.18	-	-
3.00	-	-	-	-	-	2.77	2.37	2.07	1.83	1.65	1.39	1.17	1.00	-
2.00	-	-	-	-	3.27	2.74	2.35	2.06	1.83	1.59	1.35	1.15	0.97	-
1.00	-	-	-	4.01	3.29	2.75	2.37	2.04	1.77	1.52	1.29	1.10	0.95	-
0.00	5.83a	6.85	4.88	3.80	3.11	2.61	2.24	1.93	1.67	1.42	1.21	1.05	-	-
-1.00	9.65a	6.80	4.79	3.69	3.00	2.50	2.15	1.84	1.55	1.34	1.16	-	-	-
-2.00	11.82	6.82	4.77	3.66	2.94	2.44	2.04	1.73	1.48	-	-	-	-	-
-3.00	-	-	4.79	3.61	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 23 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 110° - +/- 120° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2LU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.34	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.36	2.01	1.73	-	-	-	-
5.00	-	-	-	-	-	-	-	2.29	1.97	1.71	1.49	-	-	-
4.00	-	-	-	-	-	3.04	2.52	2.17	1.89	1.65	1.45	1.28	-	-
3.00	-	-	-	-	-	2.91	2.35	2.02	1.77	1.57	1.39	1.24	1.10	-
2.00	-	-	-	-	3.43	2.72	2.21	1.88	1.67	1.49	1.33	1.19	1.08	-
1.00	-	-	-	4.03	3.12	2.51	2.06	1.79	1.59	1.42	1.28	1.16	1.05	-
0.00	5.31a	5.34a	4.92	3.68	2.89	2.35	1.98	1.74	1.54	1.38	1.25	1.14	-	-
-1.00	6.66a	6.19a	4.77	3.57	2.82	2.32	1.98	1.73	1.53	1.37	1.24	-	-	-
-2.00	11.22a	7.08	4.86	3.65	2.91	2.40	2.04	1.77	1.58	-	-	-	-	-
-3.00	-	-	5.19	3.92	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.35	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.36	2.05	1.73	-	-	-	-
5.00	-	-	-	-	-	-	-	2.32	2.03	1.79	1.51	-	-	-
4.00	-	-	-	-	-	3.06	2.61	2.27	2.00	1.78	1.52	1.30	-	-
3.00	-	-	-	-	-	2.98	2.56	2.24	1.98	1.78	1.51	1.28	1.10	-
2.00	-	-	-	-	3.52	2.95	2.54	2.22	1.98	1.72	1.47	1.26	1.08	-
1.00	-	-	-	4.32	3.54	2.97	2.55	2.21	1.92	1.65	1.41	1.21	1.05	-
0.00	5.83a	7.00a	5.29	4.11	3.36	2.82	2.43	2.10	1.82	1.55	1.33	1.16	-	-
-1.00	9.65a	7.37	5.19	4.00	3.25	2.71	2.33	2.00	1.70	1.47	1.29	-	-	-
-2.00	12.00	7.39	5.18	3.97	3.19	2.65	2.22	1.89	1.62	-	-	-	-	-
-3.00	-	-	5.19	3.92	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 24 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 120° - +/- 130° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2MU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.54	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.55	2.19	1.88	-	-	-	-
5.00	-	-	-	-	-	-	-	2.48	2.15	1.87	1.63	-	-	-
4.00	-	-	-	-	-	3.29	2.74	2.36	2.06	1.80	1.59	1.41	-	-
3.00	-	-	-	-	-	3.16	2.58	2.21	1.94	1.73	1.54	1.37	1.22	-
2.00	-	-	-	-	3.74	2.97	2.43	2.07	1.84	1.64	1.47	1.33	1.20	-
1.00	-	-	-	4.40	3.42	2.76	2.29	1.98	1.76	1.58	1.42	1.29	1.17	-
0.00	5.31a	5.34a	5.40	4.05	3.19	2.60	2.20	1.94	1.72	1.54	1.39	1.27	-	-
-1.00	6.66a	6.19a	5.25	3.94	3.13	2.58	2.20	1.92	1.70	1.53	1.39	-	-	-
-2.00	11.22a	7.76	5.34	4.03	3.21	2.65	2.26	1.97	1.75	-	-	-	-	-
-3.00	-	-	5.67	4.29	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.54	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.55	2.22	1.89	-	-	-	-
5.00	-	-	-	-	-	-	-	2.51	2.21	1.94	1.65	-	-	-
4.00	-	-	-	-	-	3.31	2.84	2.47	2.18	1.94	1.67	1.43	-	-
3.00	-	-	-	-	-	3.24	2.78	2.43	2.15	1.94	1.65	1.42	1.22	-
2.00	-	-	-	-	3.82	3.21	2.76	2.42	2.15	1.88	1.61	1.39	1.20	-
1.00	-	-	-	4.69	3.85	3.22	2.78	2.40	2.09	1.81	1.55	1.34	1.17	-
0.00	5.83a	7.00a	5.77	4.48	3.66	3.07	2.65	2.29	1.99	1.71	1.48	1.29	-	-
-1.00	9.65a	8.05	5.67	4.37	3.55	2.97	2.55	2.19	1.87	1.63	1.43	-	-	-
-2.00	12.00	8.07	5.66	4.34	3.49	2.91	2.44	2.09	1.80	-	-	-	-	-
-3.00	-	-	5.67	4.29	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 25 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 130° - +/- 140° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2NU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.86	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.87	2.48	2.14	-	-	-	-
5.00	-	-	-	-	-	-	-	2.81	2.44	2.13	1.87	-	-	-
4.00	-	-	-	-	-	3.72	3.11	2.69	2.35	2.07	1.83	1.63	-	-
3.00	-	-	-	-	-	3.59	2.94	2.54	2.24	1.99	1.78	1.59	1.43	-
2.00	-	-	-	-	4.24	3.40	2.80	2.40	2.13	1.91	1.71	1.55	1.40	-
1.00	-	-	-	5.02	3.93	3.19	2.65	2.31	2.05	1.84	1.66	1.51	1.37	-
0.00	5.31a	5.34a	5.54a	4.67	3.70	3.03	2.57	2.26	2.01	1.80	1.63	1.49	-	-
-1.00	6.66a	6.19a	6.04a	4.56	3.63	3.01	2.57	2.25	1.99	1.79	1.63	-	-	-
-2.00	11.22a	8.90	6.14	4.65	3.71	3.08	2.63	2.29	2.04	-	-	-	-	-
-3.00	-	-	6.47	4.91	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.87	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.87	2.51	2.15	-	-	-	-
5.00	-	-	-	-	-	-	-	2.84	2.50	2.21	1.89	-	-	-
4.00	-	-	-	-	-	3.74	3.20	2.79	2.47	2.20	1.91	1.65	-	-
3.00	-	-	-	-	-	3.66	3.15	2.76	2.44	2.20	1.89	1.64	1.43	-
2.00	-	-	-	-	4.33	3.64	3.13	2.74	2.44	2.14	1.85	1.61	1.40	-
1.00	-	-	-	5.31	4.35	3.65	3.14	2.73	2.38	2.07	1.79	1.56	1.37	-
0.00	5.83a	7.00a	6.57	5.11	4.17	3.50	3.02	2.62	2.28	1.97	1.72	1.51	-	-
-1.00	9.65a	9.18	6.47	4.99	4.06	3.40	2.92	2.52	2.16	1.89	1.67	-	-	-
-2.00	12.00	9.20	6.46	4.96	4.00	3.33	2.81	2.41	2.09	-	-	-	-	-
-3.00	-	-	6.47	4.91	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 26 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 140° - +/- 150° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 20U, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.75	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.76	3.27	2.86	-	-	-	-
5.00	-	-	-	-	-	-	-	3.70	3.23	2.85	2.53	-	-	-
4.00	-	-	-	-	-	4.88	4.12	3.57	3.14	2.78	2.49	2.23	-	-
3.00	-	-	-	-	-	4.75	3.95	3.42	3.03	2.71	2.43	2.20	1.98	-
2.00	-	-	-	-	5.62	4.57	3.81	3.29	2.92	2.62	2.37	2.15	1.96	-
1.00	-	-	-	6.72	5.31	4.35	3.66	3.19	2.85	2.56	2.32	2.11	1.93	-
0.00	5.31a	5.34a	5.54a	5.86a	5.08	4.19	3.58	3.15	2.80	2.52	2.28	2.09	-	-
-1.00	6.66a	6.19a	6.04a	6.25	5.01	4.17	3.58	3.13	2.79	2.51	2.28	-	-	-
-2.00	11.22a	11.28a	8.33	6.34	5.09	4.25	3.64	3.18	2.83	-	-	-	-	-
-3.00	-	-	8.66	6.60	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.75	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.76	3.30	2.87	-	-	-	-
5.00	-	-	-	-	-	-	-	3.73	3.29	2.92	2.55	-	-	-
4.00	-	-	-	-	-	4.91	4.21	3.68	3.26	2.92	2.56	2.25	-	-
3.00	-	-	-	-	-	4.83	4.16	3.64	3.24	2.91	2.54	2.24	1.98	-
2.00	-	-	-	-	5.71	4.80	4.13	3.63	3.24	2.86	2.50	2.21	1.96	-
1.00	-	-	-	7.01	5.73	4.82	4.15	3.61	3.18	2.79	2.44	2.16	1.93	-
0.00	5.83a	7.00a	8.76	6.80	5.55	4.67	4.02	3.50	3.08	2.69	2.37	2.11	-	-
-1.00	9.65a	11.42a	8.66	6.69	5.44	4.56	3.93	3.41	2.96	2.61	2.32	-	-	-
-2.00	12.00	12.00	8.65	6.66	5.38	4.50	3.82	3.30	2.88	-	-	-	-	-
-3.00	-	-	8.66	6.60	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 27 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 150° - +/- 160° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2PU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.54	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.50a	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.43	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 28 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 160° - +/- 170° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2QU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.54	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.50a	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.43	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F.
Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 29 of 86 Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 170° - +/- 180° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2RU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.54	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.50a	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.43	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 30 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 10° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2AL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.63b	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.72b	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.57b	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F.
Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 31 of 86 Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 10° - +/- 20° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2BL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.37	4.73	-	-	-	-
5.00	-	-	-	-	-	-	-	6.06	5.32	4.63a	4.21	-	-	-
4.00	-	-	-	-	-	7.99	6.77	5.90	5.21	4.63	4.16	3.75	-	-
3.00	-	-	-	-	-	7.82	6.56	5.71	5.06	4.53	4.09	3.71	3.37	-
2.00	-	-	-	-	9.25	7.58	6.37	5.53	4.92	4.43	4.00	3.65	3.34	-
1.00	-	-	-	7.20a	7.86a	7.31	6.19	5.41	4.83	4.35	3.94	3.60	3.30	-
0.00	5.31a	5.34a	5.54a	5.86a	6.35a	7.03a	6.08	5.35	4.77	4.29	3.90	3.57	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	7.33a	7.08	6.09	5.34	4.75	4.28	3.90	-	-	-
-2.00	11.22a	11.28a	11.84a	10.64	8.58	7.17	6.16	5.39	4.81	-	-	-	-	-
-3.00	-	-	12.00	10.98	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.41	4.74	-	-	-	-
5.00	-	-	-	-	-	-	-	6.09	5.39	4.80	4.23	-	-	-
4.00	-	-	-	-	-	8.02	6.89	6.03	5.36	4.81	4.25	3.77	-	-
3.00	-	-	-	-	-	7.92	6.82	5.99	5.33	4.80	4.23	3.76	3.37	-
2.00	-	-	-	-	9.37	7.88	6.79	5.97	5.32	4.73	4.18	3.73	3.34	-
1.00	-	-	-	11.49	9.40	7.90	6.82	5.95	5.25	4.64	4.10	3.66	3.30	-
0.00	5.83a	7.00a	9.87a	11.23	9.16	7.71	6.65	5.81	5.12	4.51	4.01	3.60	-	-
-1.00	9.65a	11.42a	12.00	11.08	9.02	7.57	6.53	5.68	4.97	4.41	3.95	-	-	-
-2.00	12.00	12.00	12.00	11.05	8.95	7.50	6.39	5.55	4.87	-	-	-	-	-
-3.00	-	-	12.00	10.98	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 32 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 20° - +/- 30° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2CL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.31	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.32	4.65	4.09	-	-	-	-
5.00	-	-	-	-	-	-	-	5.24	4.60	4.07	3.62	-	-	-
4.00	-	-	-	-	-	6.89	5.84	5.08	4.49	3.99	3.57	3.22	-	-
3.00	-	-	-	-	-	6.73	5.63	4.90	4.34	3.89	3.50	3.17	2.87	-
2.00	-	-	-	-	7.94	6.49	5.45	4.72	4.21	3.78	3.42	3.11	2.85	-
1.00	-	-	-	7.20a	7.55	6.22	5.26	4.61	4.11	3.70	3.36	3.06	2.81	-
0.00	5.31a	5.34a	5.54a	5.86a	6.35a	6.02	5.16	4.55	4.05	3.65	3.32	3.04	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	7.17	5.99	5.16	4.53	4.03	3.64	3.31	-	-	-
-2.00	11.22a	11.28a	11.73	9.00	7.27	6.09	5.23	4.59	4.09	-	-	-	-	-
-3.00	-	-	12.00	9.33	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.31	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.32	4.69	4.10	-	-	-	-
5.00	-	-	-	-	-	-	-	5.28	4.67	4.16	3.65	-	-	-
4.00	-	-	-	-	-	6.92	5.96	5.22	4.63	4.16	3.67	3.24	-	-
3.00	-	-	-	-	-	6.82	5.89	5.17	4.61	4.15	3.64	3.23	2.87	-
2.00	-	-	-	-	8.05	6.79	5.86	5.16	4.60	4.08	3.59	3.19	2.85	-
1.00	-	-	-	9.84	8.08	6.81	5.88	5.13	4.53	3.99	3.52	3.13	2.81	-
0.00	5.83a	7.00a	9.87a	9.57	7.84	6.62	5.72	5.00	4.40	3.87	3.42	3.07	-	-
-1.00	9.65a	11.42a	12.00	9.43	7.71	6.49	5.60	4.87	4.25	3.77	3.36	-	-	-
-2.00	12.00	12.00	12.00	9.39	7.63	6.41	5.46	4.74	4.15	-	-	-	-	-
-3.00	-	-	12.00	9.33	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 33 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 30° - +/- 40° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2DL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.91	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.93	4.21	3.62	-	-	-	-
5.00	-	-	-	-	-	-	-	4.84	4.15	3.60	3.15	-	-	-
4.00	-	-	-	-	-	6.71	5.49	4.66	4.03	3.51	3.10	2.74	-	-
3.00	-	-	-	-	-	6.52	5.25	4.44	3.86	3.40	3.02	2.69	2.41	-
2.00	-	-	-	-	8.02	6.24	5.03	4.24	3.71	3.29	2.93	2.63	2.38	-
1.00	-	-	-	7.20a	7.54	5.92	4.82	4.11	3.60	3.20	2.86	2.58	2.33	-
0.00	5.31a	5.34a	5.54a	5.86a	6.35a	5.68	4.70	4.04	3.54	3.14	2.81	2.55	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	7.07	5.64	4.70	4.03	3.52	3.12	2.81	-	-	-
-2.00	11.22a	11.28a	11.84a	9.55	7.20	5.76	4.78	4.09	3.58	-	-	-	-	-
-3.00	-	-	12.00	9.98	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.92	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.93	4.25	3.63	-	-	-	-
5.00	-	-	-	-	-	-	-	4.88	4.23	3.71	3.18	-	-	-
4.00	-	-	-	-	-	6.75	5.63	4.81	4.19	3.70	3.20	2.77	-	-
3.00	-	-	-	-	-	6.63	5.55	4.76	4.16	3.70	3.17	2.75	2.41	-
2.00	-	-	-	-	8.16	6.59	5.52	4.74	4.16	3.62	3.12	2.72	2.38	-
1.00	-	-	-	10.64	8.20	6.61	5.54	4.72	4.07	3.51	3.04	2.65	2.33	-
0.00	5.83a	7.00a	9.87a	10.30	7.91	6.39	5.35	4.56	3.93	3.38	2.93	2.58	-	-
-1.00	9.65a	11.42a	12.00	10.12	7.74	6.23	5.21	4.42	3.76	3.27	2.86	-	-	-
-2.00	12.00	12.00	12.00	10.07	7.65	6.14	5.05	4.27	3.65	-	-	-	-	-
-3.00	-	-	12.00	9.98	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 34 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 40° - +/- 50° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2EL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.40	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.42	3.80	3.30	-	-	-	-
5.00	-	-	-	-	-	-	-	4.33	3.75	3.28	2.88	-	-	-
4.00	-	-	-	-	-	5.81	4.84	4.16	3.63	3.19	2.84	2.52	-	-
3.00	-	-	-	-	-	5.64	4.62	3.96	3.48	3.09	2.76	2.48	2.22	-
2.00	-	-	-	-	6.75	5.38	4.42	3.78	3.34	2.98	2.68	2.41	2.19	-
1.00	-	-	-	7.20a	6.33	5.10	4.23	3.66	3.24	2.90	2.61	2.36	2.15	-
0.00	5.31a	5.34a	5.54a	5.86a	6.01	4.88	4.12	3.60	3.18	2.84	2.57	2.34	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	5.92	4.85	4.12	3.58	3.16	2.83	2.56	-	-	-
-2.00	11.22a	11.28a	10.42	7.67	6.03	4.95	4.19	3.64	3.22	-	-	-	-	-
-3.00	-	-	10.89	8.03	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.40	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.42	3.85	3.31	-	-	-	-
5.00	-	-	-	-	-	-	-	4.37	3.83	3.38	2.91	-	-	-
4.00	-	-	-	-	-	5.84	4.97	4.31	3.79	3.37	2.93	2.55	-	-
3.00	-	-	-	-	-	5.74	4.89	4.26	3.76	3.37	2.91	2.53	2.22	-
2.00	-	-	-	-	6.87	5.70	4.86	4.24	3.76	3.30	2.86	2.50	2.19	-
1.00	-	-	-	8.59	6.90	5.72	4.89	4.22	3.68	3.20	2.78	2.43	2.15	-
0.00	5.83a	7.00a	9.87a	8.30	6.65	5.52	4.71	4.07	3.55	3.07	2.68	2.37	-	-
-1.00	9.65a	11.42a	10.89	8.15	6.50	5.38	4.59	3.94	3.39	2.97	2.62	-	-	-
-2.00	12.00	12.00	10.87	8.11	6.42	5.30	4.44	3.80	3.29	-	-	-	-	-
-3.00	-	-	10.89	8.03	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES
SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F.
Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 35 of 86
Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 50° - +/- 60° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2FL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.98	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.00	3.45	3.00	-	-	-	-
5.00	-	-	-	-	-	-	-	3.92	3.40	2.98	2.63	-	-	-
4.00	-	-	-	-	-	5.26	4.39	3.78	3.30	2.91	2.58	2.30	-	-
3.00	-	-	-	-	-	5.12	4.20	3.61	3.17	2.82	2.52	2.26	2.03	-
2.00	-	-	-	-	6.13	4.90	4.03	3.45	3.05	2.73	2.45	2.21	2.01	-
1.00	-	-	-	7.20a	5.76	4.65	3.87	3.35	2.96	2.65	2.39	2.17	1.98	-
0.00	5.31a	5.34a	5.54a	5.86a	5.49	4.47	3.77	3.29	2.91	2.61	2.35	2.15	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	5.41	4.44	3.77	3.28	2.90	2.60	2.35	-	-	-
-2.00	11.22a	11.28a	9.50	7.00	5.51	4.53	3.84	3.33	2.95	-	-	-	-	-
-3.00	-	-	9.90	7.31	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.98	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.00	3.48	3.01	-	-	-	-
5.00	-	-	-	-	-	-	-	3.96	3.47	3.06	2.65	-	-	-
4.00	-	-	-	-	-	5.29	4.50	3.90	3.44	3.06	2.67	2.32	-	-
3.00	-	-	-	-	-	5.20	4.44	3.86	3.41	3.06	2.65	2.31	2.03	-
2.00	-	-	-	-	6.23	5.17	4.41	3.84	3.41	2.99	2.60	2.28	2.01	-
1.00	-	-	-	7.79	6.26	5.19	4.43	3.82	3.34	2.91	2.53	2.22	1.98	-
0.00	5.83a	7.00a	9.87a	7.54	6.04	5.01	4.28	3.70	3.23	2.80	2.45	2.17	-	-
-1.00	9.65a	11.42a	9.90	7.41	5.91	4.89	4.17	3.59	3.09	2.71	2.40	-	-	-
-2.00	12.00	12.00	9.88	7.37	5.84	4.82	4.05	3.47	3.00	-	-	-	-	-
-3.00	-	-	9.90	7.31	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 36 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 60° - +/- 70° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2GL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.76	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.78	3.27	2.84	-	-	-	-
5.00	-	-	-	-	-	-	-	3.70	3.22	2.82	2.49	-	-	-
4.00	-	-	-	-	-	4.93	4.13	3.57	3.12	2.75	2.45	2.18	-	-
3.00	-	-	-	-	-	4.79	3.94	3.40	2.99	2.67	2.39	2.15	1.93	-
2.00	-	-	-	-	5.70	4.58	3.78	3.24	2.88	2.57	2.31	2.09	1.90	-
1.00	-	-	-	6.85	5.34	4.34	3.62	3.14	2.79	2.50	2.26	2.05	1.87	-
0.00	5.31a	5.34a	5.54a	5.86a	5.08	4.16	3.53	3.09	2.74	2.46	2.22	2.03	-	-
-1.00	6.66a	6.19a	6.04a	6.32	5.01	4.13	3.53	3.07	2.72	2.45	2.22	-	-	-
-2.00	11.22a	11.28a	8.58	6.42	5.10	4.22	3.59	3.13	2.78	-	-	-	-	-
-3.00	-	-	8.96	6.72	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.77	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.78	3.30	2.85	-	-	-	-
5.00	-	-	-	-	-	-	-	3.74	3.28	2.91	2.51	-	-	-
4.00	-	-	-	-	-	4.96	4.24	3.69	3.25	2.90	2.53	2.20	-	-
3.00	-	-	-	-	-	4.87	4.18	3.64	3.23	2.90	2.51	2.19	1.93	-
2.00	-	-	-	-	5.80	4.84	4.15	3.63	3.23	2.84	2.47	2.16	1.90	-
1.00	-	-	-	7.18	5.82	4.86	4.17	3.61	3.16	2.75	2.40	2.11	1.87	-
0.00	5.83a	7.00a	9.07	6.94	5.61	4.69	4.02	3.49	3.05	2.65	2.32	2.06	-	-
-1.00	9.65a	11.42a	8.96	6.81	5.49	4.57	3.92	3.38	2.91	2.56	2.26	-	-	-
-2.00	12.00	12.00	8.94	6.78	5.42	4.50	3.79	3.26	2.83	-	-	-	-	-
-3.00	-	-	8.96	6.72	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 37 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 70° - +/- 80° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2HL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.59	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.61	3.12	2.70	-	-	-	-
5.00	-	-	-	-	-	-	-	3.54	3.07	2.69	2.37	-	-	-
4.00	-	-	-	-	-	4.71	3.94	3.40	2.97	2.62	2.33	2.07	-	-
3.00	-	-	-	-	-	4.57	3.75	3.23	2.84	2.53	2.26	2.03	1.82	-
2.00	-	-	-	-	5.43	4.35	3.59	3.08	2.73	2.44	2.19	1.98	1.80	-
1.00	-	-	-	6.52	5.08	4.12	3.43	2.97	2.64	2.37	2.14	1.94	1.77	-
0.00	5.31a	5.34a	5.54a	5.86a	4.82	3.94	3.34	2.92	2.59	2.32	2.10	1.92	-	-
-1.00	6.66a	6.19a	6.04a	5.99	4.74	3.91	3.34	2.91	2.57	2.31	2.10	-	-	-
-2.00	11.22a	11.28a	8.15	6.09	4.83	4.00	3.40	2.96	2.63	-	-	-	-	-
-3.00	-	-	8.53	6.39	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.60	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.61	3.15	2.71	-	-	-	-
5.00	-	-	-	-	-	-	-	3.57	3.14	2.77	2.39	-	-	-
4.00	-	-	-	-	-	4.74	4.05	3.52	3.10	2.77	2.41	2.09	-	-
3.00	-	-	-	-	-	4.65	3.98	3.48	3.08	2.76	2.39	2.08	1.82	-
2.00	-	-	-	-	5.53	4.62	3.96	3.46	3.08	2.70	2.34	2.05	1.80	-
1.00	-	-	-	6.85	5.56	4.64	3.98	3.44	3.01	2.62	2.28	1.99	1.77	-
0.00	5.83a	7.00a	8.64	6.61	5.35	4.47	3.83	3.32	2.90	2.51	2.19	1.94	-	-
-1.00	9.65a	11.42a	8.53	6.49	5.23	4.35	3.73	3.21	2.76	2.42	2.14	-	-	-
-2.00	12.00	12.00	8.51	6.45	5.16	4.28	3.60	3.09	2.68	-	-	-	-	-
-3.00	-	-	8.53	6.39	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 38 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 80° - +/- 90°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2IL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.48	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.50	3.03	2.63	-	-	-	-
5.00	-	-	-	-	-	-	-	3.43	2.98	2.62	2.31	-	-	-
4.00	-	-	-	-	-	4.53	3.80	3.29	2.89	2.55	2.27	2.02	-	-
3.00	-	-	-	-	-	4.39	3.62	3.13	2.76	2.46	2.20	1.98	1.78	-
2.00	-	-	-	-	5.19	4.18	3.46	2.98	2.65	2.37	2.13	1.93	1.76	-
1.00	-	-	-	6.17	4.85	3.95	3.30	2.88	2.56	2.30	2.08	1.89	1.72	-
0.00	5.31a	5.34a	5.54a	5.78	4.59	3.78	3.21	2.82	2.51	2.26	2.04	1.87	-	-
-1.00	6.66a	6.19a	6.04a	5.66	4.52	3.75	3.22	2.81	2.50	2.24	2.04	-	-	-
-2.00	11.22a	10.97	7.59	5.76	4.61	3.83	3.28	2.86	2.55	-	-	-	-	-
-3.00	-	-	7.95	6.05	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.49	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.50	3.06	2.64	-	-	-	-
5.00	-	-	-	-	-	-	-	3.46	3.05	2.70	2.33	-	-	-
4.00	-	-	-	-	-	4.56	3.91	3.41	3.01	2.70	2.35	2.04	-	-
3.00	-	-	-	-	-	4.47	3.85	3.37	2.99	2.69	2.33	2.03	1.78	-
2.00	-	-	-	-	5.29	4.44	3.82	3.35	2.99	2.63	2.28	2.00	1.76	-
1.00	-	-	-	6.49	5.31	4.46	3.84	3.33	2.92	2.55	2.22	1.94	1.72	-
0.00	5.83a	7.00a	8.06	6.26	5.11	4.29	3.70	3.21	2.81	2.44	2.14	1.89	-	-
-1.00	9.65a	11.28	7.95	6.14	4.99	4.18	3.60	3.11	2.68	2.36	2.08	-	-	-
-2.00	12.00	11.30	7.94	6.10	4.93	4.11	3.48	2.99	2.60	-	-	-	-	-
-3.00	-	-	7.95	6.05	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 39 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 90° - +/- 100°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2JL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.48	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.50	3.03	2.63	-	-	-	-
5.00	-	-	-	-	-	-	-	3.43	2.98	2.62	2.31	-	-	-
4.00	-	-	-	-	-	4.53	3.80	3.29	2.89	2.55	2.27	2.02	-	-
3.00	-	-	-	-	-	4.39	3.62	3.13	2.76	2.46	2.20	1.98	1.78	-
2.00	-	-	-	-	5.19	4.18	3.46	2.98	2.65	2.37	2.13	1.93	1.76	-
1.00	-	-	-	6.17	4.85	3.95	3.30	2.88	2.56	2.30	2.08	1.89	1.72	-
0.00	5.31a	5.34a	5.54a	5.78	4.59	3.78	3.21	2.82	2.51	2.26	2.04	1.87	-	-
-1.00	6.66a	6.19a	6.04a	5.66	4.52	3.75	3.21	2.81	2.50	2.24	2.04	-	-	-
-2.00	11.22a	10.97	7.59	5.76	4.61	3.83	3.28	2.86	2.55	-	-	-	-	-
-3.00	-	-	7.95	6.05	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.49	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.50	3.06	2.64	-	-	-	-
5.00	-	-	-	-	-	-	-	3.46	3.05	2.70	2.33	-	-	-
4.00	-	-	-	-	-	4.56	3.91	3.41	3.01	2.70	2.35	2.04	-	-
3.00	-	-	-	-	-	4.47	3.85	3.37	2.99	2.69	2.33	2.03	1.78	-
2.00	-	-	-	-	5.29	4.44	3.82	3.35	2.99	2.63	2.28	2.00	1.76	-
1.00	-	-	-	6.49	5.31	4.46	3.84	3.33	2.92	2.55	2.22	1.94	1.72	-
0.00	5.83a	7.00a	8.06	6.26	5.11	4.29	3.70	3.21	2.81	2.44	2.14	1.89	-	-
-1.00	9.65a	11.28	7.95	6.14	4.99	4.18	3.60	3.11	2.68	2.36	2.08	-	-	-
-2.00	12.00	11.30	7.94	6.10	4.93	4.11	3.48	2.99	2.60	-	-	-	-	-
-3.00	-	-	7.95	6.05	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 40 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 100° - +/- 110° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2KL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.55	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.57	3.09	2.69	-	-	-	-
5.00	-	-	-	-	-	-	-	3.50	3.04	2.67	2.36	-	-	-
4.00	-	-	-	-	-	4.62	3.88	3.36	2.95	2.60	2.32	2.07	-	-
3.00	-	-	-	-	-	4.48	3.70	3.20	2.82	2.52	2.25	2.03	1.82	-
2.00	-	-	-	-	5.30	4.27	3.54	3.04	2.71	2.43	2.18	1.98	1.80	-
1.00	-	-	-	6.30	4.95	4.04	3.38	2.94	2.62	2.36	2.13	1.93	1.77	-
0.00	5.31a	5.34a	5.54a	5.86a	4.70	3.87	3.29	2.89	2.57	2.31	2.09	1.91	-	-
-1.00	6.66a	6.19a	6.04a	5.79	4.63	3.84	3.29	2.88	2.56	2.30	2.09	-	-	-
-2.00	11.22a	11.21	7.76	5.89	4.72	3.92	3.35	2.93	2.61	-	-	-	-	-
-3.00	-	-	8.12	6.18	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.56	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.57	3.12	2.70	-	-	-	-
5.00	-	-	-	-	-	-	-	3.53	3.11	2.75	2.38	-	-	-
4.00	-	-	-	-	-	4.65	3.99	3.48	3.08	2.75	2.40	2.09	-	-
3.00	-	-	-	-	-	4.56	3.93	3.44	3.05	2.75	2.38	2.08	1.82	-
2.00	-	-	-	-	5.39	4.53	3.90	3.42	3.05	2.69	2.33	2.05	1.80	-
1.00	-	-	-	6.62	5.42	4.55	3.92	3.40	2.99	2.60	2.27	1.99	1.77	-
0.00	5.83a	7.00a	8.23	6.39	5.22	4.38	3.78	3.28	2.87	2.50	2.19	1.94	-	-
-1.00	9.65a	11.42a	8.12	6.27	5.10	4.27	3.67	3.18	2.74	2.41	2.13	-	-	-
-2.00	12.00	11.54	8.11	6.23	5.03	4.20	3.55	3.06	2.66	-	-	-	-	-
-3.00	-	-	8.12	6.18	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 41 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 110° - +/- 120° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2LL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.82	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.84	3.33	2.90	-	-	-	-
5.00	-	-	-	-	-	-	-	3.76	3.28	2.89	2.56	-	-	-
4.00	-	-	-	-	-	4.97	4.18	3.63	3.19	2.82	2.52	2.25	-	-
3.00	-	-	-	-	-	4.83	4.01	3.47	3.06	2.74	2.45	2.21	1.99	-
2.00	-	-	-	-	5.72	4.63	3.84	3.31	2.95	2.64	2.38	2.16	1.97	-
1.00	-	-	-	6.81	5.37	4.40	3.69	3.21	2.86	2.57	2.33	2.12	1.94	-
0.00	5.31a	5.34a	5.54a	5.86a	5.12	4.22	3.60	3.16	2.81	2.53	2.29	2.10	-	-
-1.00	6.66a	6.19a	6.04a	6.30	5.05	4.19	3.60	3.15	2.80	2.52	2.29	-	-	-
-2.00	11.22a	11.28a	8.42	6.40	5.14	4.28	3.66	3.20	2.85	-	-	-	-	-
-3.00	-	-	8.79	6.69	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.83	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.84	3.36	2.91	-	-	-	-
5.00	-	-	-	-	-	-	-	3.80	3.35	2.97	2.58	-	-	-
4.00	-	-	-	-	-	5.00	4.29	3.75	3.32	2.97	2.59	2.27	-	-
3.00	-	-	-	-	-	4.92	4.23	3.71	3.29	2.96	2.58	2.26	1.99	-
2.00	-	-	-	-	5.81	4.88	4.21	3.69	3.29	2.90	2.53	2.23	1.97	-
1.00	-	-	-	7.13	5.84	4.90	4.23	3.67	3.23	2.82	2.47	2.17	1.94	-
0.00	5.83a	7.00a	8.89	6.90	5.63	4.74	4.08	3.55	3.12	2.72	2.39	2.12	-	-
-1.00	9.65a	11.42a	8.79	6.78	5.51	4.62	3.98	3.45	2.98	2.63	2.33	-	-	-
-2.00	12.00	12.00	8.77	6.75	5.45	4.55	3.86	3.33	2.90	-	-	-	-	-
-3.00	-	-	8.79	6.69	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 42 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 120° - +/- 130° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2ML, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.07	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.09	3.55	3.11	-	-	-	-
5.00	-	-	-	-	-	-	-	4.02	3.51	3.09	2.74	-	-	-
4.00	-	-	-	-	-	5.30	4.47	3.88	3.41	3.02	2.70	2.42	-	-
3.00	-	-	-	-	-	5.16	4.29	3.72	3.29	2.94	2.64	2.38	2.15	-
2.00	-	-	-	-	6.11	4.96	4.13	3.56	3.17	2.85	2.57	2.33	2.12	-
1.00	-	-	-	7.20a	5.76	4.72	3.97	3.46	3.09	2.78	2.51	2.29	2.09	-
0.00	5.31a	5.34a	5.54a	5.86a	5.51	4.55	3.88	3.41	3.04	2.73	2.48	2.27	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	5.44	4.52	3.88	3.40	3.02	2.72	2.47	-	-	-
-2.00	11.22a	11.28a	9.04	6.88	5.53	4.61	3.94	3.45	3.07	-	-	-	-	-
-3.00	-	-	9.41	7.17	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.08	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.09	3.59	3.12	-	-	-	-
5.00	-	-	-	-	-	-	-	4.05	3.57	3.17	2.76	-	-	-
4.00	-	-	-	-	-	5.33	4.58	4.00	3.54	3.17	2.78	2.44	-	-
3.00	-	-	-	-	-	5.25	4.52	3.96	3.52	3.17	2.76	2.43	2.15	-
2.00	-	-	-	-	6.20	5.21	4.49	3.94	3.51	3.11	2.72	2.40	2.12	-
1.00	-	-	-	7.61	6.23	5.23	4.51	3.92	3.45	3.02	2.65	2.34	2.09	-
0.00	5.83a	7.00a	9.51	7.38	6.02	5.07	4.37	3.80	3.34	2.92	2.57	2.29	-	-
-1.00	9.65a	11.42a	9.41	7.26	5.90	4.95	4.27	3.70	3.21	2.83	2.52	-	-	-
-2.00	12.00	12.00	9.39	7.23	5.84	4.88	4.14	3.58	3.13	-	-	-	-	-
-3.00	-	-	9.41	7.17	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 43 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 130° - +/- 140° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2NL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.82	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.84	4.20	3.67	-	-	-	-
5.00	-	-	-	-	-	-	-	4.76	4.15	3.65	3.24	-	-	-
4.00	-	-	-	-	-	6.39	5.35	4.62	4.05	3.58	3.20	2.87	-	-
3.00	-	-	-	-	-	6.24	5.16	4.45	3.92	3.50	3.13	2.83	2.55	-
2.00	-	-	-	-	7.48	6.02	5.00	4.29	3.80	3.40	3.06	2.77	2.53	-
1.00	-	-	-	7.20a	7.11	5.78	4.83	4.19	3.71	3.33	3.01	2.73	2.50	-
0.00	5.31a	5.34a	5.54a	5.86a	6.35a	5.59	4.74	4.14	3.66	3.28	2.97	2.71	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	6.76	5.56	4.74	4.12	3.65	3.27	2.96	-	-	-
-2.00	11.22a	11.28a	11.74	8.68	6.86	5.65	4.80	4.17	3.70	-	-	-	-	-
-3.00	-	-	12.00	9.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.83	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.84	4.23	3.68	-	-	-	-
5.00	-	-	-	-	-	-	-	4.80	4.22	3.74	3.26	-	-	-
4.00	-	-	-	-	-	6.42	5.46	4.75	4.18	3.74	3.28	2.89	-	-
3.00	-	-	-	-	-	6.33	5.40	4.70	4.16	3.73	3.26	2.87	2.55	-
2.00	-	-	-	-	7.58	6.29	5.37	4.69	4.16	3.67	3.21	2.84	2.53	-
1.00	-	-	-	9.47	7.61	6.31	5.39	4.67	4.09	3.58	3.15	2.79	2.50	-
0.00	5.83a	7.00a	9.87a	9.23	7.39	6.14	5.25	4.54	3.98	3.48	3.06	2.73	-	-
-1.00	9.65a	11.42a	12.00	9.09	7.26	6.02	5.14	4.43	3.84	3.39	3.01	-	-	-
-2.00	12.00	12.00	12.00	9.06	7.19	5.95	5.01	4.31	3.75	-	-	-	-	-
-3.00	-	-	12.00	9.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 44 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 140° - +/- 150° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 20L, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.33	4.53	-	-	-	-
5.00	-	-	-	-	-	-	-	6.28	5.27	4.51	3.91	-	-	-
4.00	-	-	-	-	-	9.33b	7.41	6.09	5.15	4.43	3.86	3.40	-	-
3.00	-	-	-	-	-	9.19b	7.16	5.88	4.99	4.32	3.79	3.35	2.98	-
2.00	-	-	-	-	10.90b	8.96	6.94	5.67	4.84	4.21	3.70	3.29	2.95	-
1.00	-	-	-	7.20a	7.86a	8.61	6.71	5.54	4.73	4.12	3.63	3.24	2.92	-
0.00	3.05a	5.34a	5.54a	5.86a	6.35a	7.03a	6.59	5.47	4.67	4.06	3.59	3.21	-	-
-1.00	3.85a	6.19a	6.04a	6.36a	7.33a	8.31	6.59	5.45	4.65	4.05	3.59	-	-	-
-2.00	6.55a	11.28a	11.84a	12.00	11.38	8.43	6.68	5.52	4.71	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.38	4.54	-	-	-	-
5.00	-	-	-	-	-	-	-	6.32	5.36	4.62	3.94	-	-	-
4.00	-	-	-	-	-	9.48	7.56	6.25	5.32	4.61	3.96	3.42	-	-
3.00	-	-	-	-	-	9.35	7.48	6.20	5.28	4.61	3.94	3.41	2.98	-
2.00	-	-	-	-	11.84b	9.30	7.44	6.18	5.28	4.53	3.88	3.37	2.95	-
1.00	-	-	-	12.00	12.00	9.33	7.47	6.15	5.20	4.43	3.80	3.31	2.92	-
0.00	3.35a	7.00a	9.87a	12.00	12.00	9.12	7.27	5.99	5.06	4.30	3.70	3.25	-	-
-1.00	5.62a	11.42a	12.00	12.00	12.00	8.95	7.13	5.85	4.89	4.19	3.64	-	-	-
-2.00	8.77a	12.00	12.00	12.00	11.91	8.85	6.96	5.70	4.78	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 45 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 150° - +/- 160° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2PL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.63b	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.72b	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.57b	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 46 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 160° - +/- 170° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2QL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.63b	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.72b	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.57b	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 47 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 170° - +/- 180° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	RAIL	Tool Pin - 2RL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.63b	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.72b	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.57b	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F.
Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 48 of 86 Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 10° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3AU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.32	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.33	2.90	2.54	-	-	-	-
5.00	-	-	-	-	-	-	-	3.27	2.86	2.53	2.24	-	-	-
4.00	-	-	-	-	-	4.25	3.61	3.15	2.78	2.47	2.21	1.98	-	-
3.00	-	-	-	-	-	4.13	3.45	3.00	2.67	2.39	2.15	1.95	1.76	-
2.00	-	-	-	-	4.83	3.95	3.31	2.87	2.56	2.31	2.09	1.90	1.73	-
1.00	-	-	-	5.66	4.54	3.75	3.17	2.78	2.49	2.25	2.04	1.86	1.71	-
0.00	5.31a	5.34a	5.54a	5.33	4.32	3.60	3.09	2.74	2.45	2.21	2.01	1.84	-	-
-1.00	6.66a	6.19a	6.04a	5.23	4.25	3.58	3.09	2.72	2.43	2.20	2.01	-	-	-
-2.00	11.22a	9.40	6.82	5.31	4.33	3.65	3.15	2.77	2.48	-	-	-	-	-
-3.00	-	-	7.12	5.56	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.32	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.33	2.93	2.55	-	-	-	-
5.00	-	-	-	-	-	-	-	3.29	2.92	2.60	2.26	-	-	-
4.00	-	-	-	-	-	4.27	3.70	3.25	2.89	2.60	2.28	2.00	-	-
3.00	-	-	-	-	-	4.20	3.65	3.21	2.87	2.59	2.26	1.99	1.76	-
2.00	-	-	-	-	4.91	4.17	3.62	3.20	2.87	2.54	2.22	1.96	1.73	-
1.00	-	-	-	5.93	4.93	4.19	3.64	3.18	2.81	2.47	2.16	1.91	1.71	-
0.00	5.83a	7.00a	7.21	5.74	4.76	4.05	3.52	3.08	2.71	2.37	2.09	1.87	-	-
-1.00	9.65a	9.66	7.12	5.64	4.66	3.95	3.43	2.99	2.60	2.30	2.05	-	-	-
-2.00	12.00	9.67	7.11	5.61	4.60	3.89	3.32	2.88	2.52	-	-	-	-	-
-3.00	-	-	7.12	5.56	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 49 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 10° - +/- 20° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3BU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.46	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.47	2.13	1.83	-	-	-	-
5.00	-	-	-	-	-	-	-	2.41	2.09	1.82	1.59	-	-	-
4.00	-	-	-	-	-	3.17	2.65	2.29	2.00	1.76	1.55	1.38	-	-
3.00	-	-	-	-	-	3.04	2.49	2.14	1.89	1.68	1.50	1.34	1.19	-
2.00	-	-	-	-	3.58	2.86	2.34	2.01	1.79	1.60	1.43	1.29	1.17	-
1.00	-	-	-	4.17	3.27	2.65	2.20	1.92	1.71	1.54	1.39	1.26	1.14	-
0.00	5.31a	5.34a	5.05	3.83	3.05	2.50	2.12	1.87	1.66	1.50	1.35	1.24	-	-
-1.00	6.66a	6.19a	4.90	3.73	2.98	2.48	2.12	1.86	1.65	1.49	1.35	-	-	-
-2.00	11.22a	7.08	4.99	3.81	3.06	2.55	2.18	1.90	1.70	-	-	-	-	-
-3.00	-	-	5.30	4.07	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.46	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.47	2.16	1.84	-	-	-	-
5.00	-	-	-	-	-	-	-	2.44	2.14	1.89	1.61	-	-	-
4.00	-	-	-	-	-	3.19	2.74	2.39	2.12	1.89	1.63	1.39	-	-
3.00	-	-	-	-	-	3.12	2.69	2.36	2.09	1.89	1.61	1.38	1.19	-
2.00	-	-	-	-	3.66	3.09	2.67	2.34	2.09	1.83	1.57	1.36	1.17	-
1.00	-	-	-	4.46	3.68	3.10	2.68	2.33	2.04	1.76	1.51	1.31	1.14	-
0.00	5.83a	7.00a	5.40	4.25	3.50	2.96	2.56	2.22	1.94	1.66	1.44	1.26	-	-
-1.00	9.65a	7.35	5.30	4.15	3.40	2.86	2.47	2.12	1.82	1.59	1.39	-	-	-
-2.00	12.00	7.37	5.29	4.12	3.34	2.80	2.36	2.02	1.74	-	-	-	-	-
-3.00	-	-	5.30	4.07	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 50 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 20° - +/- 30° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3CU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.19	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.21	1.89	1.62	-	-	-	-
5.00	-	-	-	-	-	-	-	2.14	1.85	1.61	1.40	-	-	-
4.00	-	-	-	-	-	2.81	2.34	2.02	1.77	1.54	1.36	1.20	-	-
3.00	-	-	-	-	-	2.69	2.18	1.88	1.65	1.47	1.31	1.17	1.03	-
2.00	-	-	-	-	3.14	2.50	2.04	1.74	1.55	1.39	1.24	1.12	1.01	-
1.00	-	-	-	3.64	2.85	2.30	1.90	1.65	1.48	1.33	1.20	1.08	0.98	-
0.00	5.31a	5.34a	4.34	3.30	2.62	2.15	1.82	1.61	1.43	1.29	1.16	1.06	-	-
-1.00	6.66a	5.94	4.19	3.20	2.56	2.12	1.82	1.60	1.42	1.28	1.16	-	-	-
-2.00	9.80	6.03	4.28	3.28	2.64	2.20	1.88	1.64	1.46	-	-	-	-	-
-3.00	-	-	4.59	3.53	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.20	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.21	1.92	1.63	-	-	-	-
5.00	-	-	-	-	-	-	-	2.17	1.91	1.68	1.42	-	-	-
4.00	-	-	-	-	-	2.83	2.43	2.13	1.88	1.68	1.43	1.22	-	-
3.00	-	-	-	-	-	2.76	2.38	2.09	1.86	1.67	1.42	1.21	1.03	-
2.00	-	-	-	-	3.23	2.73	2.36	2.08	1.85	1.62	1.38	1.18	1.01	-
1.00	-	-	-	3.91	3.25	2.75	2.38	2.06	1.80	1.55	1.32	1.13	0.98	-
0.00	5.83a	6.34	4.68	3.72	3.07	2.60	2.25	1.95	1.70	1.45	1.25	1.08	-	-
-1.00	9.65a	6.29	4.59	3.61	2.97	2.50	2.16	1.86	1.58	1.38	1.20	-	-	-
-2.00	10.09	6.31	4.58	3.58	2.91	2.44	2.05	1.76	1.51	-	-	-	-	-
-3.00	-	-	4.59	3.53	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 51 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 30° - +/- 40° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3DU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.84	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.85	1.58	1.34	-	-	-	-
5.00	-	-	-	-	-	-	-	1.79	1.54	1.32	1.14	-	-	-
4.00	-	-	-	-	-	2.34	1.94	1.67	1.45	1.26	1.11	0.97	-	-
3.00	-	-	-	-	-	2.22	1.79	1.53	1.34	1.19	1.05	0.93	0.82	-
2.00	-	-	-	-	2.59	2.04	1.65	1.39	1.24	1.11	0.99	0.88	0.79	-
1.00	-	-	-	2.96	2.30	1.84	1.51	1.31	1.17	1.05	0.94	0.85	0.76	-
0.00	5.31a	4.86	3.46	2.63	2.08	1.69	1.43	1.26	1.12	1.01	0.91	0.83	-	-
-1.00	6.66a	4.68	3.32	2.53	2.02	1.67	1.43	1.25	1.11	1.00	0.91	-	-	-
-2.00	7.63	4.78	3.41	2.61	2.09	1.74	1.48	1.29	1.15	-	-	-	-	-
-3.00	-	-	3.71	2.86	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.84	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.85	1.61	1.35	-	-	-	-
5.00	-	-	-	-	-	-	-	1.82	1.59	1.40	1.16	-	-	-
4.00	-	-	-	-	-	2.37	2.03	1.77	1.57	1.40	1.18	0.98	-	-
3.00	-	-	-	-	-	2.29	1.98	1.74	1.54	1.39	1.16	0.97	0.82	-
2.00	-	-	-	-	2.68	2.27	1.96	1.73	1.54	1.34	1.12	0.95	0.79	-
1.00	-	-	-	3.23	2.70	2.28	1.98	1.71	1.49	1.27	1.06	0.90	0.76	-
0.00	5.83a	5.08	3.80	3.04	2.52	2.14	1.85	1.60	1.39	1.17	0.99	0.85	-	-
-1.00	7.82	5.03	3.71	2.93	2.42	2.04	1.76	1.51	1.27	1.10	0.95	-	-	-
-2.00	7.91	5.05	3.70	2.90	2.37	1.98	1.66	1.41	1.20	-	-	-	-	-
-3.00	-	-	3.71	2.86	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 52 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 40° - +/- 50° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3EU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.82	1.54	1.30	-	-	-	-
5.00	-	-	-	-	-	-	-	1.76	1.50	1.28	1.10	-	-	-
4.00	-	-	-	-	-	2.34	1.91	1.63	1.41	1.22	1.06	0.92	-	-
3.00	-	-	-	-	-	2.21	1.75	1.48	1.30	1.14	1.00	0.88	0.77	-
2.00	-	-	-	-	2.61	2.02	1.60	1.35	1.19	1.06	0.94	0.83	0.74	-
1.00	-	-	-	3.01	2.29	1.81	1.46	1.26	1.11	0.99	0.89	0.80	0.71	-
0.00	5.31a	5.32	3.61	2.66	2.06	1.65	1.38	1.21	1.07	0.95	0.86	0.78	-	-
-1.00	6.66a	5.12	3.45	2.55	2.00	1.63	1.38	1.20	1.05	0.94	0.85	-	-	-
-2.00	9.28	5.22	3.55	2.64	2.08	1.70	1.43	1.24	1.10	-	-	-	-	-
-3.00	-	-	3.88	2.90	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.81	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.82	1.57	1.30	-	-	-	-
5.00	-	-	-	-	-	-	-	1.79	1.56	1.36	1.12	-	-	-
4.00	-	-	-	-	-	2.36	2.01	1.74	1.53	1.35	1.13	0.93	-	-
3.00	-	-	-	-	-	2.28	1.96	1.70	1.50	1.35	1.11	0.92	0.77	-
2.00	-	-	-	-	2.69	2.25	1.93	1.69	1.50	1.29	1.07	0.90	0.74	-
1.00	-	-	-	3.31	2.72	2.27	1.95	1.67	1.44	1.22	1.01	0.85	0.71	-
0.00	5.83a	5.56	3.97	3.10	2.53	2.12	1.82	1.56	1.34	1.12	0.94	0.80	-	-
-1.00	9.51	5.51	3.88	2.99	2.42	2.02	1.73	1.47	1.22	1.04	0.89	-	-	-
-2.00	9.62	5.53	3.86	2.96	2.36	1.95	1.62	1.36	1.15	-	-	-	-	-
-3.00	-	-	3.88	2.90	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 53 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 50° - +/- 60° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3FU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.76	1.48	1.25	-	-	-	-
5.00	-	-	-	-	-	-	-	1.70	1.44	1.23	1.05	-	-	-
4.00	-	-	-	-	-	2.26	1.85	1.57	1.36	1.17	1.01	0.88	-	-
3.00	-	-	-	-	-	2.13	1.68	1.42	1.24	1.09	0.96	0.84	0.73	-
2.00	-	-	-	-	2.51	1.94	1.54	1.29	1.14	1.01	0.89	0.79	0.71	-
1.00	-	-	-	2.90	2.20	1.73	1.39	1.20	1.06	0.95	0.85	0.76	0.68	-
0.00	5.31a	5.11	3.46	2.55	1.97	1.57	1.31	1.15	1.01	0.91	0.81	0.74	-	-
-1.00	6.66a	4.91	3.30	2.44	1.90	1.55	1.31	1.14	1.00	0.89	0.81	-	-	-
-2.00	8.93	5.01	3.40	2.53	1.98	1.62	1.37	1.18	1.05	-	-	-	-	-
-3.00	-	-	3.73	2.79	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.76	1.52	1.26	-	-	-	-
5.00	-	-	-	-	-	-	-	1.73	1.50	1.31	1.07	-	-	-
4.00	-	-	-	-	-	2.28	1.94	1.68	1.47	1.31	1.09	0.89	-	-
3.00	-	-	-	-	-	2.21	1.89	1.64	1.45	1.30	1.07	0.88	0.73	-
2.00	-	-	-	-	2.60	2.18	1.87	1.63	1.45	1.25	1.03	0.86	0.71	-
1.00	-	-	-	3.19	2.62	2.19	1.88	1.61	1.39	1.17	0.97	0.81	0.68	-
0.00	5.83a	5.35	3.83	2.98	2.44	2.04	1.75	1.50	1.29	1.08	0.90	0.76	-	-
-1.00	9.16	5.30	3.73	2.87	2.33	1.94	1.66	1.41	1.17	1.00	0.85	-	-	-
-2.00	9.26	5.32	3.72	2.84	2.27	1.88	1.55	1.30	1.10	-	-	-	-	-
-3.00	-	-	3.73	2.79	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 54 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 60° - +/- 70° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3GU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.75	1.48	1.24	-	-	-	-
5.00	-	-	-	-	-	-	-	1.69	1.43	1.22	1.04	-	-	-
4.00	-	-	-	-	-	2.24	1.83	1.56	1.35	1.16	1.01	0.87	-	-
3.00	-	-	-	-	-	2.12	1.67	1.41	1.23	1.08	0.95	0.83	0.72	-
2.00	-	-	-	-	2.50	1.93	1.52	1.28	1.13	1.00	0.89	0.79	0.70	-
1.00	-	-	-	2.88	2.19	1.72	1.38	1.19	1.05	0.94	0.84	0.75	0.67	-
0.00	5.31a	5.07	3.43	2.53	1.95	1.56	1.30	1.14	1.00	0.90	0.80	0.73	-	-
-1.00	6.66a	4.87	3.28	2.42	1.89	1.53	1.30	1.13	0.99	0.89	0.80	-	-	-
-2.00	8.86	4.98	3.37	2.51	1.97	1.61	1.36	1.17	1.04	-	-	-	-	-
-3.00	-	-	3.70	2.77	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.75	1.51	1.25	-	-	-	-
5.00	-	-	-	-	-	-	-	1.72	1.49	1.30	1.07	-	-	-
4.00	-	-	-	-	-	2.27	1.93	1.67	1.46	1.30	1.08	0.89	-	-
3.00	-	-	-	-	-	2.19	1.88	1.63	1.44	1.29	1.06	0.88	0.72	-
2.00	-	-	-	-	2.59	2.16	1.85	1.62	1.44	1.24	1.02	0.85	0.70	-
1.00	-	-	-	3.17	2.61	2.18	1.87	1.60	1.38	1.16	0.96	0.80	0.67	-
0.00	5.83a	5.31	3.80	2.96	2.42	2.03	1.74	1.49	1.28	1.07	0.89	0.75	-	-
-1.00	9.10	5.26	3.70	2.85	2.31	1.92	1.65	1.40	1.16	0.99	0.84	-	-	-
-2.00	9.20	5.28	3.69	2.82	2.26	1.86	1.54	1.29	1.09	-	-	-	-	-
-3.00	-	-	3.70	2.77	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 55 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 70° - +/- 80° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3HU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.68	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.69	1.42	1.19	-	-	-	-
5.00	-	-	-	-	-	-	-	1.63	1.38	1.17	1.00	-	-	-
4.00	-	-	-	-	-	2.17	1.77	1.50	1.29	1.11	0.96	0.83	-	-
3.00	-	-	-	-	-	2.04	1.60	1.35	1.18	1.04	0.91	0.79	0.68	-
2.00	-	-	-	-	2.40	1.85	1.46	1.22	1.07	0.95	0.84	0.75	0.66	-
1.00	-	-	-	2.77	2.09	1.64	1.31	1.12	1.00	0.89	0.79	0.71	0.63	-
0.00	5.31a	4.86	3.28	2.41	1.86	1.48	1.23	1.08	0.95	0.85	0.76	0.69	-	-
-1.00	6.66a	4.66	3.13	2.30	1.79	1.45	1.23	1.06	0.94	0.84	0.76	-	-	-
-2.00	8.50	4.77	3.22	2.39	1.87	1.53	1.29	1.11	0.98	-	-	-	-	-
-3.00	-	-	3.55	2.65	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.68	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.69	1.45	1.20	-	-	-	-
5.00	-	-	-	-	-	-	-	1.66	1.44	1.25	1.02	-	-	-
4.00	-	-	-	-	-	2.19	1.86	1.61	1.41	1.25	1.04	0.85	-	-
3.00	-	-	-	-	-	2.11	1.81	1.57	1.39	1.24	1.02	0.84	0.68	-
2.00	-	-	-	-	2.49	2.08	1.79	1.56	1.39	1.19	0.98	0.81	0.66	-
1.00	-	-	-	3.06	2.51	2.10	1.80	1.54	1.33	1.11	0.92	0.76	0.63	-
0.00	5.83a	5.10	3.65	2.85	2.33	1.95	1.67	1.43	1.23	1.02	0.84	0.71	-	-
-1.00	8.73	5.05	3.55	2.74	2.22	1.84	1.58	1.34	1.11	0.94	0.80	-	-	-
-2.00	8.84	5.07	3.54	2.71	2.16	1.78	1.47	1.23	1.03	-	-	-	-	-
-3.00	-	-	3.55	2.65	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES
SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F.
Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 56 of 86
Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 80° - +/- 90°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3IU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.71	1.44	1.20	-	-	-	-
5.00	-	-	-	-	-	-	-	1.64	1.39	1.19	1.01	-	-	-
4.00	-	-	-	-	-	2.19	1.78	1.52	1.31	1.13	0.97	0.84	-	-
3.00	-	-	-	-	-	2.06	1.62	1.37	1.19	1.05	0.92	0.80	0.69	-
2.00	-	-	-	-	2.43	1.87	1.47	1.23	1.09	0.96	0.85	0.76	0.67	-
1.00	-	-	-	2.80	2.12	1.66	1.33	1.14	1.01	0.90	0.81	0.72	0.64	-
0.00	5.31a	4.92	3.32	2.44	1.88	1.50	1.25	1.09	0.97	0.86	0.77	0.70	-	-
-1.00	6.66a	4.72	3.17	2.33	1.82	1.48	1.25	1.08	0.95	0.85	0.77	-	-	-
-2.00	8.60	4.82	3.26	2.42	1.90	1.55	1.31	1.13	1.00	-	-	-	-	-
-3.00	-	-	3.59	2.68	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.71	1.47	1.21	-	-	-	-
5.00	-	-	-	-	-	-	-	1.67	1.45	1.26	1.03	-	-	-
4.00	-	-	-	-	-	2.21	1.88	1.63	1.42	1.26	1.05	0.86	-	-
3.00	-	-	-	-	-	2.13	1.83	1.59	1.40	1.26	1.03	0.85	0.69	-
2.00	-	-	-	-	2.52	2.10	1.80	1.58	1.40	1.20	0.99	0.82	0.67	-
1.00	-	-	-	3.09	2.54	2.12	1.82	1.56	1.34	1.13	0.93	0.77	0.64	-
0.00	5.83a	5.16	3.69	2.88	2.35	1.97	1.69	1.45	1.24	1.03	0.86	0.72	-	-
-1.00	8.83	5.11	3.59	2.77	2.24	1.87	1.60	1.35	1.12	0.95	0.81	-	-	-
-2.00	8.94	5.13	3.58	2.74	2.19	1.80	1.49	1.25	1.05	-	-	-	-	-
-3.00	-	-	3.59	2.68	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 57 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 90° - +/- 100°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3JU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.71	1.44	1.20	-	-	-	-
5.00	-	-	-	-	-	-	-	1.64	1.39	1.19	1.01	-	-	-
4.00	-	-	-	-	-	2.19	1.78	1.52	1.31	1.13	0.97	0.84	-	-
3.00	-	-	-	-	-	2.06	1.62	1.37	1.19	1.05	0.92	0.80	0.69	-
2.00	-	-	-	-	2.43	1.87	1.47	1.23	1.09	0.96	0.85	0.76	0.67	-
1.00	-	-	-	2.80	2.12	1.66	1.33	1.14	1.01	0.90	0.81	0.72	0.64	-
0.00	5.31a	4.92	3.32	2.44	1.88	1.50	1.25	1.09	0.97	0.86	0.77	0.70	-	-
-1.00	6.66a	4.72	3.17	2.33	1.82	1.48	1.25	1.08	0.95	0.85	0.77	-	-	-
-2.00	8.60	4.82	3.26	2.42	1.90	1.55	1.31	1.13	1.00	-	-	-	-	-
-3.00	-	-	3.59	2.68	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.70	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.71	1.47	1.21	-	-	-	-
5.00	-	-	-	-	-	-	-	1.67	1.45	1.26	1.03	-	-	-
4.00	-	-	-	-	-	2.21	1.88	1.63	1.42	1.26	1.05	0.86	-	-
3.00	-	-	-	-	-	2.13	1.83	1.59	1.40	1.26	1.03	0.85	0.69	-
2.00	-	-	-	-	2.52	2.10	1.80	1.58	1.40	1.20	0.99	0.82	0.67	-
1.00	-	-	-	3.09	2.54	2.12	1.82	1.56	1.34	1.13	0.93	0.77	0.64	-
0.00	5.83a	5.16	3.69	2.88	2.35	1.97	1.69	1.45	1.24	1.03	0.86	0.72	-	-
-1.00	8.83	5.11	3.59	2.77	2.24	1.87	1.60	1.35	1.12	0.95	0.81	-	-	-
-2.00	8.94	5.13	3.58	2.74	2.19	1.80	1.49	1.25	1.05	-	-	-	-	-
-3.00	-	-	3.59	2.68	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 58 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 100° - +/- 110° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3KU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.76	1.48	1.24	-	-	-	-
5.00	-	-	-	-	-	-	-	1.70	1.44	1.23	1.05	-	-	-
4.00	-	-	-	-	-	2.25	1.84	1.57	1.35	1.17	1.01	0.87	-	-
3.00	-	-	-	-	-	2.13	1.68	1.42	1.24	1.09	0.96	0.84	0.73	-
2.00	-	-	-	-	2.51	1.94	1.53	1.28	1.13	1.01	0.89	0.79	0.70	-
1.00	-	-	-	2.90	2.20	1.73	1.39	1.19	1.06	0.94	0.84	0.75	0.68	-
0.00	5.31a	5.10	3.45	2.54	1.96	1.57	1.31	1.15	1.01	0.90	0.81	0.73	-	-
-1.00	6.66a	4.90	3.30	2.43	1.90	1.54	1.31	1.13	1.00	0.89	0.81	-	-	-
-2.00	8.91	5.00	3.39	2.52	1.98	1.62	1.36	1.18	1.04	-	-	-	-	-
-3.00	-	-	3.72	2.78	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.75	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.76	1.51	1.25	-	-	-	-
5.00	-	-	-	-	-	-	-	1.73	1.50	1.31	1.07	-	-	-
4.00	-	-	-	-	-	2.28	1.94	1.68	1.47	1.30	1.09	0.89	-	-
3.00	-	-	-	-	-	2.20	1.89	1.64	1.45	1.30	1.07	0.88	0.73	-
2.00	-	-	-	-	2.60	2.17	1.86	1.63	1.45	1.24	1.03	0.85	0.70	-
1.00	-	-	-	3.19	2.62	2.19	1.88	1.61	1.39	1.17	0.97	0.80	0.68	-
0.00	5.83a	5.34	3.82	2.98	2.44	2.04	1.75	1.50	1.29	1.07	0.89	0.76	-	-
-1.00	9.14	5.29	3.72	2.87	2.33	1.93	1.66	1.40	1.17	0.99	0.85	-	-	-
-2.00	9.25	5.31	3.71	2.84	2.27	1.87	1.55	1.30	1.09	-	-	-	-	-
-3.00	-	-	3.72	2.78	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 59 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 110° - +/- 120° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3LU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.90	1.61	1.36	-	-	-	-
5.00	-	-	-	-	-	-	-	1.84	1.57	1.35	1.16	-	-	-
4.00	-	-	-	-	-	2.44	2.01	1.71	1.48	1.28	1.12	0.97	-	-
3.00	-	-	-	-	-	2.32	1.84	1.57	1.37	1.21	1.06	0.94	0.82	-
2.00	-	-	-	-	2.73	2.13	1.70	1.43	1.26	1.12	1.00	0.89	0.79	-
1.00	-	-	-	3.17	2.42	1.92	1.55	1.34	1.19	1.06	0.95	0.85	0.77	-
0.00	5.31a	5.34a	3.81	2.82	2.19	1.76	1.47	1.29	1.14	1.02	0.92	0.83	-	-
-1.00	6.66a	5.40	3.65	2.71	2.12	1.73	1.47	1.28	1.13	1.01	0.91	-	-	-
-2.00	9.77	5.51	3.75	2.80	2.20	1.81	1.53	1.32	1.17	-	-	-	-	-
-3.00	-	-	4.08	3.06	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.89	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.90	1.64	1.37	-	-	-	-
5.00	-	-	-	-	-	-	-	1.87	1.63	1.42	1.18	-	-	-
4.00	-	-	-	-	-	2.47	2.10	1.82	1.60	1.42	1.19	0.99	-	-
3.00	-	-	-	-	-	2.39	2.05	1.79	1.58	1.41	1.17	0.98	0.82	-
2.00	-	-	-	-	2.82	2.36	2.03	1.77	1.58	1.36	1.13	0.95	0.79	-
1.00	-	-	-	3.46	2.84	2.38	2.04	1.75	1.52	1.29	1.08	0.90	0.77	-
0.00	5.83a	5.84	4.17	3.25	2.66	2.23	1.91	1.64	1.42	1.19	1.00	0.86	-	-
-1.00	9.65a	5.79	4.08	3.14	2.55	2.12	1.82	1.55	1.30	1.11	0.95	-	-	-
-2.00	10.11	5.81	4.06	3.11	2.49	2.06	1.71	1.44	1.22	-	-	-	-	-
-3.00	-	-	4.08	3.06	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 60 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 120° - +/- 130° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3MU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.05	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.06	1.76	1.50	-	-	-	-
5.00	-	-	-	-	-	-	-	2.00	1.72	1.48	1.29	-	-	-
4.00	-	-	-	-	-	2.63	2.18	1.88	1.63	1.42	1.25	1.09	-	-
3.00	-	-	-	-	-	2.51	2.02	1.73	1.52	1.35	1.19	1.06	0.93	-
2.00	-	-	-	-	2.94	2.32	1.88	1.59	1.42	1.26	1.13	1.01	0.91	-
1.00	-	-	-	3.40	2.64	2.12	1.74	1.50	1.34	1.20	1.08	0.97	0.88	-
0.00	5.31a	5.34a	4.06	3.06	2.41	1.96	1.66	1.46	1.30	1.16	1.05	0.96	-	-
-1.00	6.66a	5.62	3.91	2.96	2.35	1.94	1.66	1.45	1.28	1.15	1.05	-	-	-
-2.00	9.55	5.72	4.00	3.04	2.43	2.01	1.71	1.49	1.33	-	-	-	-	-
-3.00	-	-	4.32	3.30	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.05	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.06	1.79	1.51	-	-	-	-
5.00	-	-	-	-	-	-	-	2.03	1.78	1.56	1.31	-	-	-
4.00	-	-	-	-	-	2.65	2.28	1.98	1.75	1.56	1.32	1.11	-	-
3.00	-	-	-	-	-	2.58	2.22	1.94	1.72	1.55	1.30	1.10	0.93	-
2.00	-	-	-	-	3.03	2.55	2.20	1.93	1.72	1.50	1.26	1.07	0.91	-
1.00	-	-	-	3.68	3.05	2.57	2.22	1.91	1.67	1.42	1.21	1.02	0.88	-
0.00	5.83a	6.04	4.41	3.48	2.87	2.42	2.09	1.81	1.57	1.33	1.13	0.98	-	-
-1.00	9.65a	5.99	4.32	3.38	2.76	2.32	2.00	1.71	1.45	1.25	1.08	-	-	-
-2.00	9.85	6.01	4.31	3.35	2.71	2.26	1.89	1.61	1.37	-	-	-	-	-
-3.00	-	-	4.32	3.30	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 61 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 130° - +/- 140° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3NU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.21	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.23	1.91	1.64	-	-	-	-
5.00	-	-	-	-	-	-	-	2.16	1.87	1.63	1.42	-	-	-
4.00	-	-	-	-	-	2.83	2.36	2.04	1.79	1.57	1.38	1.22	-	-
3.00	-	-	-	-	-	2.71	2.21	1.90	1.68	1.49	1.33	1.19	1.05	-
2.00	-	-	-	-	3.16	2.53	2.07	1.77	1.58	1.41	1.27	1.14	1.03	-
1.00	-	-	-	3.64	2.86	2.32	1.93	1.68	1.50	1.35	1.22	1.10	1.00	-
0.00	5.31a	5.34a	4.32	3.31	2.64	2.17	1.85	1.63	1.46	1.31	1.19	1.08	-	-
-1.00	6.66a	5.85	4.18	3.21	2.58	2.15	1.85	1.62	1.44	1.30	1.18	-	-	-
-2.00	9.45	5.95	4.27	3.29	2.66	2.22	1.90	1.67	1.49	-	-	-	-	-
-3.00	-	-	4.57	3.54	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.22	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.23	1.94	1.65	-	-	-	-
5.00	-	-	-	-	-	-	-	2.19	1.93	1.70	1.44	-	-	-
4.00	-	-	-	-	-	2.85	2.46	2.15	1.90	1.70	1.46	1.24	-	-
3.00	-	-	-	-	-	2.78	2.40	2.11	1.88	1.69	1.44	1.23	1.05	-
2.00	-	-	-	-	3.24	2.75	2.38	2.10	1.88	1.64	1.40	1.20	1.03	-
1.00	-	-	-	3.91	3.26	2.76	2.40	2.08	1.82	1.57	1.34	1.15	1.00	-
0.00	5.83a	6.25	4.66	3.72	3.09	2.62	2.27	1.98	1.72	1.48	1.27	1.11	-	-
-1.00	9.64	6.20	4.57	3.62	2.99	2.52	2.18	1.88	1.61	1.40	1.22	-	-	-
-2.00	9.72	6.22	4.56	3.59	2.93	2.46	2.08	1.78	1.54	-	-	-	-	-
-3.00	-	-	4.57	3.54	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 62 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 140° - +/- 150° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3OU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.80	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.82	2.43	2.11	-	-	-	-
5.00	-	-	-	-	-	-	-	2.75	2.39	2.10	1.84	-	-	-
4.00	-	-	-	-	-	3.61	3.03	2.63	2.31	2.03	1.81	1.61	-	-
3.00	-	-	-	-	-	3.49	2.87	2.48	2.20	1.96	1.75	1.57	1.41	-
2.00	-	-	-	-	4.10	3.31	2.73	2.35	2.09	1.88	1.69	1.53	1.39	-
1.00	-	-	-	4.81	3.80	3.10	2.59	2.26	2.02	1.81	1.64	1.49	1.36	-
0.00	5.31a	5.34a	5.54a	4.47	3.57	2.94	2.51	2.21	1.97	1.77	1.61	1.47	-	-
-1.00	6.66a	6.19a	5.71	4.37	3.51	2.92	2.51	2.20	1.96	1.76	1.60	-	-	-
-2.00	11.22a	8.21	5.80	4.45	3.59	2.99	2.57	2.25	2.00	-	-	-	-	-
-3.00	-	-	6.12	4.70	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	2.81	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	2.82	2.46	2.12	-	-	-	-
5.00	-	-	-	-	-	-	-	2.78	2.45	2.17	1.87	-	-	-
4.00	-	-	-	-	-	3.64	3.13	2.74	2.42	2.17	1.88	1.63	-	-
3.00	-	-	-	-	-	3.56	3.08	2.70	2.40	2.16	1.86	1.62	1.41	-
2.00	-	-	-	-	4.19	3.53	3.05	2.69	2.40	2.11	1.82	1.59	1.39	-
1.00	-	-	-	5.09	4.21	3.55	3.07	2.67	2.34	2.04	1.76	1.54	1.36	-
0.00	5.83a	7.00a	6.21	4.89	4.03	3.40	2.94	2.56	2.24	1.94	1.69	1.49	-	-
-1.00	9.65a	8.48	6.12	4.78	3.92	3.30	2.85	2.47	2.12	1.86	1.64	-	-	-
-2.00	12.00	8.50	6.11	4.75	3.87	3.24	2.74	2.36	2.05	-	-	-	-	-
-3.00	-	-	6.12	4.70	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 63 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 150° - +/- 160° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3PU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.17	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.18	3.67	3.24	-	-	-	-
5.00	-	-	-	-	-	-	-	4.12	3.63	3.22	2.88	-	-	-
4.00	-	-	-	-	-	5.36	4.57	4.00	3.55	3.16	2.84	2.57	-	-
3.00	-	-	-	-	-	5.24	4.41	3.86	3.43	3.09	2.79	2.53	2.30	-
2.00	-	-	-	-	6.13	5.06	4.27	3.72	3.33	3.01	2.73	2.49	2.28	-
1.00	-	-	-	7.20a	5.83	4.86	4.14	3.64	3.26	2.95	2.68	2.45	2.25	-
0.00	5.31a	5.34a	5.54a	5.86a	5.61	4.70	4.06	3.59	3.21	2.91	2.65	2.43	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	5.55	4.68	4.06	3.58	3.20	2.90	2.64	-	-	-
-2.00	11.22a	11.28a	8.80	6.88	5.63	4.75	4.11	3.62	3.25	-	-	-	-	-
-3.00	-	-	9.10	7.13	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.17	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.18	3.70	3.25	-	-	-	-
5.00	-	-	-	-	-	-	-	4.15	3.69	3.30	2.90	-	-	-
4.00	-	-	-	-	-	5.38	4.66	4.10	3.66	3.29	2.91	2.58	-	-
3.00	-	-	-	-	-	5.31	4.61	4.07	3.64	3.29	2.90	2.57	2.30	-
2.00	-	-	-	-	6.21	5.28	4.59	4.06	3.63	3.24	2.86	2.55	2.28	-
1.00	-	-	-	7.50	6.23	5.30	4.61	4.04	3.58	3.16	2.80	2.50	2.25	-
0.00	5.83a	7.00a	9.19	7.31	6.06	5.15	4.48	3.93	3.48	3.07	2.73	2.45	-	-
-1.00	9.65a	11.42a	9.10	7.20	5.95	5.05	4.39	3.84	3.37	2.99	2.68	-	-	-
-2.00	12.00	12.00	9.09	7.17	5.90	5.00	4.29	3.74	3.29	-	-	-	-	-
-3.00	-	-	9.10	7.13	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 64 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 160° - +/- 170° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3QU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.54	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.50a	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.43	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 65 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 170° - +/- 180° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3RU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.54	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.50a	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.43	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 66 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 10° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3AL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.28	4.68	-	-	-	-
5.00	-	-	-	-	-	-	-	5.93	5.23	4.63a	4.17	-	-	-
4.00	-	-	-	-	-	7.70	6.59	5.77	5.12	4.58	4.13	3.73	-	-
3.00	-	-	-	-	-	7.55	6.39	5.59	4.98	4.48	4.06	3.69	3.36	-
2.00	-	-	-	-	8.83	7.32	6.21	5.42	4.85	4.38	3.98	3.63	3.33	-
1.00	-	-	-	7.20a	7.86a	7.06	6.03	5.31	4.76	4.30	3.92	3.58	3.30	-
0.00	5.31a	5.34a	5.54a	5.86a	6.35a	6.87	5.93	5.25	4.70	4.25	3.87	3.56	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	7.33a	6.84	5.93	5.23	4.68	4.24	3.87	-	-	-
-2.00	11.22a	11.28a	11.84a	10.01	8.20	6.93	6.00	5.29	4.74	-	-	-	-	-
-3.00	-	-	12.00	10.32	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.32	4.69	-	-	-	-
5.00	-	-	-	-	-	-	-	5.96	5.30	4.75	4.20	-	-	-
4.00	-	-	-	-	-	7.73	6.70	5.91	5.27	4.75	4.22	3.76	-	-
3.00	-	-	-	-	-	7.64	6.64	5.86	5.24	4.74	4.20	3.74	3.36	-
2.00	-	-	-	-	8.94	7.60	6.61	5.84	5.24	4.67	4.15	3.71	3.33	-
1.00	-	-	-	10.80	8.97	7.62	6.63	5.82	5.17	4.58	4.07	3.65	3.30	-
0.00	5.83a	7.00a	9.87a	10.55	8.74	7.44	6.47	5.69	5.04	4.46	3.98	3.59	-	-
-1.00	9.65a	11.42a	12.00	10.42	8.61	7.31	6.36	5.57	4.89	4.36	3.92	-	-	-
-2.00	12.00	12.00	12.00	10.38	8.54	7.24	6.22	5.44	4.80	-	-	-	-	-
-3.00	-	-	12.00	10.32	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 67 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 10° - +/- 20° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3BL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.76	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.78	4.19	3.69	-	-	-	-
5.00	-	-	-	-	-	-	-	4.70	4.14	3.68	3.28	-	-	-
4.00	-	-	-	-	-	6.08	5.19	4.55	4.04	3.60	3.24	2.92	-	-
3.00	-	-	-	-	-	5.92	4.99	4.37	3.90	3.51	3.17	2.88	2.61	-
2.00	-	-	-	-	6.90	5.70	4.82	4.20	3.77	3.40	3.09	2.82	2.58	-
1.00	-	-	-	7.20a	6.53	5.45	4.65	4.09	3.68	3.33	3.03	2.77	2.55	-
0.00	5.31a	5.34a	5.54a	5.86a	6.26	5.26	4.55	4.04	3.62	3.28	2.99	2.75	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	6.18	5.23	4.55	4.02	3.60	3.26	2.98	-	-	-
-2.00	11.22a	11.28a	9.67	7.63	6.28	5.32	4.62	4.08	3.66	-	-	-	-	-
-3.00	-	-	10.03	7.93	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.77	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.78	4.23	3.71	-	-	-	-
5.00	-	-	-	-	-	-	-	4.74	4.21	3.77	3.31	-	-	-
4.00	-	-	-	-	-	6.10	5.31	4.68	4.18	3.77	3.33	2.94	-	-
3.00	-	-	-	-	-	6.01	5.24	4.63	4.15	3.76	3.30	2.93	2.61	-
2.00	-	-	-	-	7.00	5.98	5.21	4.62	4.15	3.69	3.26	2.89	2.58	-
1.00	-	-	-	8.39	7.03	6.00	5.23	4.60	4.08	3.60	3.18	2.83	2.55	-
0.00	5.83a	7.00a	9.87a	8.16	6.81	5.82	5.08	4.47	3.96	3.49	3.09	2.78	-	-
-1.00	9.65a	11.42a	10.03	8.03	6.68	5.70	4.97	4.35	3.81	3.39	3.03	-	-	-
-2.00	12.00	12.00	10.02	7.99	6.61	5.62	4.83	4.22	3.72	-	-	-	-	-
-3.00	-	-	10.03	7.93	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 68 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 20° - +/- 30° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3CL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.10	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.12	3.58	3.14	-	-	-	-
5.00	-	-	-	-	-	-	-	4.04	3.53	3.12	2.76	-	-	-
4.00	-	-	-	-	-	5.26	4.45	3.88	3.43	3.04	2.72	2.43	-	-
3.00	-	-	-	-	-	5.10	4.25	3.70	3.28	2.94	2.65	2.39	2.16	-
2.00	-	-	-	-	5.97	4.87	4.07	3.53	3.15	2.84	2.57	2.33	2.13	-
1.00	-	-	-	6.99	5.59	4.62	3.90	3.42	3.06	2.76	2.51	2.28	2.09	-
0.00	5.31a	5.34a	5.54a	5.86a	5.31	4.42	3.80	3.36	3.00	2.71	2.46	2.26	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	5.23	4.39	3.80	3.34	2.99	2.70	2.46	-	-	-
-2.00	11.22a	11.28a	8.40	6.54	5.33	4.49	3.87	3.40	3.04	-	-	-	-	-
-3.00	-	-	8.79	6.85	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.10	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.12	3.62	3.15	-	-	-	-
5.00	-	-	-	-	-	-	-	4.07	3.61	3.21	2.79	-	-	-
4.00	-	-	-	-	-	5.29	4.57	4.02	3.57	3.21	2.81	2.46	-	-
3.00	-	-	-	-	-	5.19	4.51	3.97	3.54	3.20	2.79	2.44	2.16	-
2.00	-	-	-	-	6.07	5.16	4.48	3.95	3.54	3.13	2.74	2.41	2.13	-
1.00	-	-	-	7.33	6.10	5.18	4.50	3.93	3.47	3.04	2.66	2.35	2.09	-
0.00	5.83a	7.00a	8.90	7.09	5.88	5.00	4.34	3.80	3.34	2.92	2.57	2.29	-	-
-1.00	9.65a	11.42a	8.79	6.95	5.74	4.87	4.23	3.68	3.20	2.82	2.51	-	-	-
-2.00	12.00	11.95	8.77	6.92	5.68	4.79	4.09	3.55	3.10	-	-	-	-	-
-3.00	-	-	8.79	6.85	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 69 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 30° - +/- 40° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3DL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.76	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.78	3.27	2.84	-	-	-	-
5.00	-	-	-	-	-	-	-	3.70	3.22	2.83	2.49	-	-	-
4.00	-	-	-	-	-	4.86	4.08	3.54	3.11	2.75	2.44	2.18	-	-
3.00	-	-	-	-	-	4.70	3.88	3.36	2.97	2.65	2.37	2.14	1.92	-
2.00	-	-	-	-	5.52	4.46	3.70	3.18	2.84	2.55	2.29	2.07	1.89	-
1.00	-	-	-	6.49	5.13	4.20	3.52	3.07	2.74	2.47	2.23	2.03	1.85	-
0.00	5.31a	5.34a	5.54a	5.86a	4.84	4.00	3.41	3.01	2.68	2.41	2.19	2.00	-	-
-1.00	6.66a	6.19a	6.04a	5.92	4.76	3.97	3.41	2.99	2.66	2.40	2.18	-	-	-
-2.00	11.22a	11.10	7.86	6.03	4.86	4.06	3.48	3.05	2.72	-	-	-	-	-
-3.00	-	-	8.26	6.35	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.77	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.78	3.31	2.86	-	-	-	-
5.00	-	-	-	-	-	-	-	3.74	3.29	2.92	2.52	-	-	-
4.00	-	-	-	-	-	4.89	4.20	3.68	3.26	2.92	2.54	2.20	-	-
3.00	-	-	-	-	-	4.79	4.14	3.63	3.23	2.91	2.51	2.19	1.92	-
2.00	-	-	-	-	5.63	4.75	4.11	3.61	3.23	2.84	2.46	2.15	1.89	-
1.00	-	-	-	6.85	5.66	4.77	4.13	3.59	3.15	2.75	2.39	2.09	1.85	-
0.00	5.83a	7.00a	8.38	6.59	5.43	4.59	3.97	3.45	3.03	2.63	2.30	2.03	-	-
-1.00	9.65a	11.42a	8.26	6.46	5.29	4.46	3.85	3.33	2.88	2.53	2.24	-	-	-
-2.00	12.00	11.47	8.24	6.42	5.22	4.38	3.71	3.20	2.78	-	-	-	-	-
-3.00	-	-	8.26	6.35	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 70 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 40° - +/- 50° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3EL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.58	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.60	3.11	2.70	-	-	-	-
5.00	-	-	-	-	-	-	-	3.52	3.06	2.68	2.36	-	-	-
4.00	-	-	-	-	-	4.62	3.88	3.36	2.95	2.60	2.31	2.06	-	-
3.00	-	-	-	-	-	4.46	3.68	3.18	2.81	2.50	2.24	2.01	1.80	-
2.00	-	-	-	-	5.24	4.23	3.49	3.00	2.67	2.40	2.16	1.95	1.77	-
1.00	-	-	-	6.16	4.86	3.96	3.31	2.89	2.58	2.32	2.10	1.90	1.74	-
0.00	5.31a	5.34a	5.54a	5.72	4.57	3.76	3.21	2.83	2.52	2.27	2.05	1.88	-	-
-1.00	6.66a	6.19a	6.04a	5.58	4.49	3.74	3.21	2.81	2.50	2.25	2.05	-	-	-
-2.00	11.22a	10.51	7.43	5.69	4.59	3.83	3.28	2.87	2.56	-	-	-	-	-
-3.00	-	-	7.83	6.02	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.59	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.60	3.15	2.71	-	-	-	-
5.00	-	-	-	-	-	-	-	3.56	3.13	2.78	2.39	-	-	-
4.00	-	-	-	-	-	4.65	4.00	3.50	3.10	2.77	2.40	2.08	-	-
3.00	-	-	-	-	-	4.56	3.93	3.45	3.07	2.77	2.38	2.07	1.80	-
2.00	-	-	-	-	5.35	4.52	3.90	3.43	3.07	2.70	2.33	2.03	1.77	-
1.00	-	-	-	6.52	5.38	4.54	3.93	3.41	2.99	2.60	2.26	1.97	1.74	-
0.00	5.83a	7.00a	7.95	6.26	5.15	4.35	3.76	3.27	2.87	2.48	2.16	1.91	-	-
-1.00	9.65a	10.85	7.83	6.12	5.02	4.22	3.65	3.15	2.72	2.38	2.10	-	-	-
-2.00	12.00	10.87	7.81	6.08	4.94	4.14	3.51	3.02	2.62	-	-	-	-	-
-3.00	-	-	7.83	6.02	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 71 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 50° - +/- 60° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	90 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3FL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.49	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.51	2.98	2.54	-	-	-	-
5.00	-	-	-	-	-	-	-	3.42	2.92	2.52	2.19	-	-	-
4.00	-	-	-	-	-	4.66	3.82	3.25	2.81	2.44	2.14	1.88	-	-
3.00	-	-	-	-	-	4.48	3.59	3.04	2.65	2.33	2.06	1.83	1.62	-
2.00	-	-	-	-	5.42	4.22	3.39	2.85	2.51	2.22	1.98	1.77	1.59	-
1.00	-	-	-	6.62	4.97	3.92	3.19	2.73	2.40	2.14	1.91	1.72	1.55	-
0.00	5.31a	5.34a	5.54a	5.86a	4.64	3.69	3.07	2.66	2.34	2.08	1.86	1.69	-	-
-1.00	6.66a	6.19a	6.04a	5.93	4.54	3.66	3.07	2.64	2.32	2.06	1.86	-	-	-
-2.00	11.22a	11.28a	8.54	6.07	4.66	3.77	3.15	2.71	2.38	-	-	-	-	-
-3.00	-	-	9.05	6.46	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.50	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.51	3.02	2.56	-	-	-	-
5.00	-	-	-	-	-	-	-	3.46	3.01	2.63	2.22	-	-	-
4.00	-	-	-	-	-	4.70	3.95	3.40	2.97	2.62	2.24	1.90	-	-
3.00	-	-	-	-	-	4.59	3.88	3.34	2.93	2.62	2.21	1.89	1.62	-
2.00	-	-	-	-	5.55	4.55	3.85	3.33	2.93	2.54	2.16	1.85	1.59	-
1.00	-	-	-	7.06	5.58	4.57	3.87	3.30	2.85	2.44	2.08	1.79	1.55	-
0.00	5.83a	7.00a	9.20	6.75	5.32	4.36	3.69	3.15	2.72	2.31	1.98	1.72	-	-
-1.00	9.65a	11.42a	9.05	6.58	5.16	4.21	3.56	3.02	2.55	2.20	1.92	-	-	-
-2.00	12.00	12.00	9.03	6.53	5.08	4.12	3.40	2.87	2.45	-	-	-	-	-
-3.00	-	-	9.05	6.46	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 72 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 60° - +/- 70° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3GL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.39	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.41	2.80	2.33	-	-	-	-
5.00	-	-	-	-	-	-	-	3.32	2.75	2.31	1.95	-	-	-
4.00	-	-	-	-	-	5.00	3.85	3.14	2.63	2.22	1.91	1.64	-	-
3.00	-	-	-	-	-	4.79	3.60	2.92	2.47	2.12	1.83	1.60	1.39	-
2.00	-	-	-	-	6.33	4.49	3.38	2.73	2.32	2.00	1.74	1.53	1.36	-
1.00	-	-	-	7.20a	5.78	4.15	3.17	2.59	2.21	1.92	1.68	1.48	1.32	-
0.00	3.05a	5.34a	5.54a	5.86a	5.37	3.89	3.04	2.53	2.15	1.86	1.63	1.46	-	-
-1.00	3.85a	6.19a	6.04a	6.36a	5.25	3.85	3.04	2.51	2.13	1.85	1.63	-	-	-
-2.00	6.55a	11.28a	11.84a	8.21	5.40	3.98	3.13	2.57	2.19	-	-	-	-	-
-3.00	-	-	12.00	8.77	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.40	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.41	2.85	2.34	-	-	-	-
5.00	-	-	-	-	-	-	-	3.36	2.83	2.41	1.98	-	-	-
4.00	-	-	-	-	-	5.04	4.00	3.29	2.79	2.40	2.00	1.66	-	-
3.00	-	-	-	-	-	4.91	3.91	3.24	2.76	2.40	1.98	1.65	1.39	-
2.00	-	-	-	-	6.49	4.87	3.88	3.22	2.75	2.33	1.93	1.61	1.36	-
1.00	-	-	-	9.61	6.53	4.89	3.91	3.20	2.67	2.22	1.85	1.55	1.32	-
0.00	3.35a	7.00a	9.87a	9.17	6.20	4.65	3.71	3.04	2.53	2.09	1.75	1.49	-	-
-1.00	5.62a	11.42a	12.00	8.94	6.01	4.48	3.57	2.90	2.36	1.99	1.68	-	-	-
-2.00	8.77a	12.00	12.00	8.88	5.91	4.38	3.40	2.75	2.26	-	-	-	-	-
-3.00	-	-	12.00	8.77	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 73 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 70° - +/- 80° Over Osc End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3HL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.20	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.22	2.75	2.36	-	-	-	-
5.00	-	-	-	-	-	-	-	3.14	2.70	2.34	2.04	-	-	-
4.00	-	-	-	-	-	4.26	3.51	3.00	2.60	2.27	2.00	1.76	-	-
3.00	-	-	-	-	-	4.11	3.32	2.82	2.47	2.18	1.93	1.72	1.53	-
2.00	-	-	-	-	4.96	3.89	3.14	2.66	2.34	2.08	1.86	1.67	1.50	-
1.00	-	-	-	6.04	4.58	3.63	2.97	2.56	2.25	2.01	1.80	1.62	1.47	-
0.00	5.31a	5.34a	5.54a	5.60	4.29	3.44	2.88	2.50	2.20	1.96	1.76	1.60	-	-
-1.00	6.66a	6.19a	6.04a	5.46	4.22	3.42	2.88	2.49	2.18	1.95	1.76	-	-	-
-2.00	11.22a	11.28a	7.74	5.57	4.32	3.51	2.94	2.54	2.24	-	-	-	-	-
-3.00	-	-	8.17	5.90	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.21	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.22	2.78	2.37	-	-	-	-
5.00	-	-	-	-	-	-	-	3.18	2.77	2.43	2.06	-	-	-
4.00	-	-	-	-	-	4.29	3.62	3.12	2.73	2.42	2.08	1.78	-	-
3.00	-	-	-	-	-	4.20	3.56	3.08	2.71	2.42	2.06	1.77	1.53	-
2.00	-	-	-	-	5.06	4.17	3.53	3.06	2.71	2.36	2.01	1.74	1.50	-
1.00	-	-	-	6.40	5.09	4.18	3.55	3.04	2.64	2.27	1.95	1.68	1.47	-
0.00	5.83a	7.00a	8.30	6.14	4.87	4.01	3.40	2.91	2.52	2.16	1.86	1.63	-	-
-1.00	9.65a	11.42a	8.17	6.00	4.73	3.88	3.29	2.80	2.38	2.07	1.81	-	-	-
-2.00	12.00	12.00	8.15	5.96	4.66	3.81	3.16	2.68	2.29	-	-	-	-	-
-3.00	-	-	8.17	5.90	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 74 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 80° - +/- 90°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3IL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.26	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.28	2.75	2.33	-	-	-	-
5.00	-	-	-	-	-	-	-	3.20	2.70	2.31	1.99	-	-	-
4.00	-	-	-	-	-	4.52	3.62	3.04	2.59	2.23	1.95	1.70	-	-
3.00	-	-	-	-	-	4.35	3.41	2.85	2.45	2.14	1.88	1.66	1.46	-
2.00	-	-	-	-	5.43	4.09	3.22	2.67	2.32	2.03	1.80	1.60	1.43	-
1.00	-	-	-	6.97	4.99	3.81	3.03	2.55	2.22	1.96	1.74	1.55	1.39	-
0.00	5.31a	5.34a	5.54a	5.86a	4.65	3.59	2.92	2.49	2.16	1.91	1.70	1.53	-	-
-1.00	6.66a	6.19a	6.04a	6.27	4.56	3.56	2.92	2.48	2.15	1.89	1.69	-	-	-
-2.00	11.22a	11.28a	9.88	6.40	4.68	3.66	3.00	2.53	2.20	-	-	-	-	-
-3.00	-	-	10.45	6.80	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.27	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.28	2.79	2.34	-	-	-	-
5.00	-	-	-	-	-	-	-	3.23	2.78	2.41	2.02	-	-	-
4.00	-	-	-	-	-	4.55	3.75	3.17	2.74	2.40	2.03	1.72	-	-
3.00	-	-	-	-	-	4.45	3.68	3.13	2.71	2.40	2.01	1.71	1.46	-
2.00	-	-	-	-	5.55	4.41	3.65	3.11	2.71	2.33	1.96	1.67	1.43	-
1.00	-	-	-	7.42	5.58	4.43	3.67	3.09	2.64	2.24	1.89	1.61	1.39	-
0.00	5.83a	7.00a	9.87a	7.10	5.32	4.23	3.50	2.95	2.51	2.12	1.80	1.56	-	-
-1.00	9.65a	11.42a	10.45	6.93	5.17	4.09	3.38	2.82	2.36	2.02	1.74	-	-	-
-2.00	12.00	12.00	10.43	6.88	5.08	4.00	3.24	2.69	2.26	-	-	-	-	-
-3.00	-	-	10.45	6.80	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 75 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 90° - +/- 100°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3JL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.26	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.28	2.75	2.33	-	-	-	-
5.00	-	-	-	-	-	-	-	3.20	2.70	2.31	1.99	-	-	-
4.00	-	-	-	-	-	4.52	3.62	3.04	2.59	2.23	1.95	1.70	-	-
3.00	-	-	-	-	-	4.35	3.41	2.85	2.45	2.14	1.88	1.66	1.46	-
2.00	-	-	-	-	5.43	4.09	3.22	2.67	2.32	2.03	1.80	1.60	1.43	-
1.00	-	-	-	6.97	4.99	3.81	3.03	2.55	2.22	1.96	1.74	1.55	1.39	-
0.00	5.31a	5.34a	5.54a	5.86a	4.65	3.59	2.92	2.49	2.16	1.91	1.70	1.53	-	-
-1.00	6.66a	6.19a	6.04a	6.27	4.56	3.56	2.92	2.48	2.15	1.89	1.69	-	-	-
-2.00	11.22a	11.28a	9.88	6.40	4.68	3.66	3.00	2.53	2.20	-	-	-	-	-
-3.00	-	-	10.45	6.80	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.27	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.28	2.79	2.34	-	-	-	-
5.00	-	-	-	-	-	-	-	3.23	2.78	2.41	2.02	-	-	-
4.00	-	-	-	-	-	4.55	3.75	3.17	2.74	2.40	2.03	1.72	-	-
3.00	-	-	-	-	-	4.45	3.68	3.13	2.71	2.40	2.01	1.71	1.46	-
2.00	-	-	-	-	5.55	4.41	3.65	3.11	2.71	2.33	1.96	1.67	1.43	-
1.00	-	-	-	7.42	5.58	4.43	3.67	3.09	2.64	2.24	1.89	1.61	1.39	-
0.00	5.83a	7.00a	9.87a	7.10	5.32	4.23	3.50	2.95	2.51	2.12	1.80	1.56	-	-
-1.00	9.65a	11.42a	10.45	6.93	5.17	4.09	3.38	2.82	2.36	2.02	1.74	-	-	-
-2.00	12.00	12.00	10.43	6.88	5.08	4.00	3.24	2.69	2.26	-	-	-	-	-
-3.00	-	-	10.45	6.80	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES
 SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F.
 Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
 Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

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Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 100° - +/- 110° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3KL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.20	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.22	2.74	2.35	-	-	-	-
5.00	-	-	-	-	-	-	-	3.14	2.70	2.34	2.04	-	-	-
4.00	-	-	-	-	-	4.26	3.51	2.99	2.60	2.27	2.00	1.76	-	-
3.00	-	-	-	-	-	4.11	3.31	2.82	2.46	2.18	1.93	1.72	1.53	-
2.00	-	-	-	-	4.95	3.88	3.14	2.66	2.34	2.08	1.86	1.67	1.50	-
1.00	-	-	-	6.03	4.57	3.63	2.97	2.55	2.25	2.01	1.80	1.62	1.47	-
0.00	5.31a	5.34a	5.54a	5.59	4.29	3.44	2.88	2.50	2.20	1.96	1.76	1.60	-	-
-1.00	6.66a	6.19a	6.04a	5.46	4.21	3.41	2.88	2.48	2.18	1.95	1.76	-	-	-
-2.00	11.22a	11.28a	7.74	5.57	4.31	3.50	2.94	2.54	2.24	-	-	-	-	-
-3.00	-	-	8.16	5.89	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.20	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.22	2.78	2.36	-	-	-	-
5.00	-	-	-	-	-	-	-	3.17	2.76	2.42	2.06	-	-	-
4.00	-	-	-	-	-	4.29	3.62	3.12	2.73	2.42	2.08	1.78	-	-
3.00	-	-	-	-	-	4.20	3.56	3.08	2.70	2.42	2.06	1.77	1.53	-
2.00	-	-	-	-	5.06	4.16	3.53	3.06	2.70	2.35	2.01	1.74	1.50	-
1.00	-	-	-	6.39	5.09	4.18	3.55	3.04	2.64	2.27	1.94	1.68	1.47	-
0.00	5.83a	7.00a	8.29	6.13	4.86	4.00	3.40	2.91	2.52	2.16	1.86	1.63	-	-
-1.00	9.65a	11.42a	8.16	6.00	4.73	3.88	3.29	2.80	2.38	2.07	1.80	-	-	-
-2.00	12.00	12.00	8.15	5.96	4.66	3.80	3.16	2.68	2.29	-	-	-	-	-
-3.00	-	-	8.16	5.89	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 77 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 110° - +/- 120° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3LL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.41	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.43	2.92	2.51	-	-	-	-
5.00	-	-	-	-	-	-	-	3.35	2.87	2.49	2.17	-	-	-
4.00	-	-	-	-	-	4.59	3.76	3.20	2.77	2.42	2.13	1.88	-	-
3.00	-	-	-	-	-	4.43	3.56	3.03	2.64	2.33	2.06	1.84	1.63	-
2.00	-	-	-	-	5.38	4.20	3.39	2.86	2.51	2.23	1.98	1.78	1.61	-
1.00	-	-	-	6.65	4.99	3.94	3.21	2.75	2.42	2.15	1.93	1.74	1.57	-
0.00	5.31a	5.34a	5.54a	5.86a	4.70	3.74	3.12	2.70	2.37	2.11	1.89	1.71	-	-
-1.00	6.66a	6.19a	6.04a	6.04	4.62	3.72	3.12	2.68	2.35	2.09	1.89	-	-	-
-2.00	11.22a	11.28a	8.73	6.16	4.72	3.81	3.18	2.73	2.40	-	-	-	-	-
-3.00	-	-	9.19	6.50	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.42	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.43	2.96	2.52	-	-	-	-
5.00	-	-	-	-	-	-	-	3.39	2.94	2.58	2.19	-	-	-
4.00	-	-	-	-	-	4.62	3.88	3.33	2.91	2.57	2.21	1.90	-	-
3.00	-	-	-	-	-	4.52	3.81	3.29	2.88	2.57	2.19	1.89	1.63	-
2.00	-	-	-	-	5.50	4.49	3.79	3.27	2.88	2.51	2.14	1.85	1.61	-
1.00	-	-	-	7.03	5.52	4.51	3.81	3.25	2.81	2.42	2.07	1.79	1.57	-
0.00	5.83a	7.00a	9.32	6.76	5.29	4.32	3.65	3.12	2.69	2.31	1.99	1.74	-	-
-1.00	9.65a	11.42a	9.19	6.61	5.15	4.19	3.54	3.00	2.55	2.21	1.93	-	-	-
-2.00	12.00	12.00	9.17	6.57	5.08	4.12	3.40	2.88	2.46	-	-	-	-	-
-3.00	-	-	9.19	6.50	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 78 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 120° - +/- 130° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3ML, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.61	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.63	3.11	2.68	-	-	-	-
5.00	-	-	-	-	-	-	-	3.55	3.06	2.66	2.33	-	-	-
4.00	-	-	-	-	-	4.81	3.98	3.40	2.96	2.59	2.29	2.03	-	-
3.00	-	-	-	-	-	4.66	3.78	3.23	2.83	2.50	2.23	1.99	1.78	-
2.00	-	-	-	-	5.62	4.43	3.61	3.07	2.70	2.41	2.15	1.94	1.75	-
1.00	-	-	-	6.87	5.24	4.18	3.44	2.96	2.61	2.33	2.10	1.89	1.72	-
0.00	5.31a	5.34a	5.54a	5.86a	4.96	3.99	3.35	2.91	2.56	2.29	2.06	1.87	-	-
-1.00	6.66a	6.19a	6.04a	6.30	4.88	3.96	3.35	2.89	2.55	2.27	2.05	-	-	-
-2.00	11.22a	11.28a	8.88	6.41	4.98	4.05	3.41	2.95	2.60	-	-	-	-	-
-3.00	-	-	9.30	6.73	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	3.61	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	3.63	3.14	2.69	-	-	-	-
5.00	-	-	-	-	-	-	-	3.58	3.13	2.75	2.36	-	-	-
4.00	-	-	-	-	-	4.84	4.09	3.53	3.09	2.75	2.37	2.05	-	-
3.00	-	-	-	-	-	4.75	4.03	3.49	3.07	2.74	2.35	2.04	1.78	-
2.00	-	-	-	-	5.72	4.71	4.00	3.47	3.07	2.68	2.31	2.01	1.75	-
1.00	-	-	-	7.23	5.75	4.73	4.02	3.45	3.00	2.59	2.24	1.95	1.72	-
0.00	5.83a	7.00a	9.43	6.97	5.53	4.55	3.87	3.32	2.88	2.48	2.16	1.90	-	-
-1.00	9.65a	11.42a	9.30	6.84	5.39	4.43	3.76	3.21	2.74	2.39	2.10	-	-	-
-2.00	12.00	12.00	9.29	6.80	5.32	4.35	3.63	3.09	2.66	-	-	-	-	-
-3.00	-	-	9.30	6.73	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 79 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 130° - +/- 140° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3NL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.03	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.04	3.48	3.01	-	-	-	-
5.00	-	-	-	-	-	-	-	3.97	3.43	3.00	2.64	-	-	-
4.00	-	-	-	-	-	5.37	4.46	3.82	3.33	2.92	2.59	2.31	-	-
3.00	-	-	-	-	-	5.22	4.26	3.65	3.20	2.84	2.53	2.27	2.03	-
2.00	-	-	-	-	6.30	5.00	4.09	3.49	3.07	2.74	2.45	2.21	2.01	-
1.00	-	-	-	7.20a	5.92	4.74	3.92	3.38	2.99	2.67	2.40	2.17	1.97	-
0.00	5.31a	5.34a	5.54a	5.86a	5.64	4.55	3.83	3.33	2.93	2.62	2.36	2.15	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	5.56	4.53	3.83	3.31	2.92	2.61	2.36	-	-	-
-2.00	11.22a	11.28a	10.04	7.26	5.66	4.62	3.89	3.36	2.97	-	-	-	-	-
-3.00	-	-	10.47	7.59	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.03	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.04	3.51	3.02	-	-	-	-
5.00	-	-	-	-	-	-	-	4.00	3.50	3.08	2.66	-	-	-
4.00	-	-	-	-	-	5.40	4.57	3.95	3.47	3.08	2.68	2.33	-	-
3.00	-	-	-	-	-	5.31	4.51	3.90	3.44	3.07	2.66	2.32	2.03	-
2.00	-	-	-	-	6.40	5.28	4.48	3.89	3.44	3.01	2.61	2.29	2.01	-
1.00	-	-	-	8.09	6.43	5.29	4.50	3.87	3.37	2.93	2.54	2.23	1.97	-
0.00	5.83a	7.00a	9.87a	7.83	6.21	5.12	4.35	3.74	3.25	2.82	2.46	2.17	-	-
-1.00	9.65a	11.42a	10.47	7.69	6.07	4.99	4.24	3.63	3.11	2.72	2.40	-	-	-
-2.00	12.00	12.00	10.45	7.66	6.00	4.92	4.11	3.50	3.03	-	-	-	-	-
-3.00	-	-	10.47	7.59	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 80 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 140° - +/- 150° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3OL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.69	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.70	4.06	3.54	-	-	-	-
5.00	-	-	-	-	-	-	-	4.62	4.01	3.52	3.11	-	-	-
4.00	-	-	-	-	-	6.26	5.21	4.48	3.91	3.45	3.07	2.74	-	-
3.00	-	-	-	-	-	6.10	5.02	4.31	3.78	3.36	3.00	2.70	2.43	-
2.00	-	-	-	-	7.36	5.88	4.84	4.14	3.66	3.26	2.93	2.65	2.41	-
1.00	-	-	-	7.20a	6.99	5.63	4.68	4.04	3.57	3.19	2.87	2.60	2.38	-
0.00	5.31a	5.34a	5.54a	5.86a	6.35a	5.44	4.58	3.98	3.51	3.14	2.83	2.58	-	-
-1.00	6.66a	6.19a	6.04a	6.36a	6.62	5.41	4.58	3.97	3.50	3.13	2.83	-	-	-
-2.00	11.22a	11.28a	11.84a	8.61	6.72	5.50	4.65	4.02	3.55	-	-	-	-	-
-3.00	-	-	12.00	8.94	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	4.69	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	4.70	4.10	3.55	-	-	-	-
5.00	-	-	-	-	-	-	-	4.66	4.08	3.61	3.14	-	-	-
4.00	-	-	-	-	-	6.28	5.32	4.60	4.05	3.60	3.15	2.76	-	-
3.00	-	-	-	-	-	6.19	5.26	4.56	4.02	3.60	3.13	2.75	2.43	-
2.00	-	-	-	-	7.47	6.16	5.23	4.55	4.02	3.54	3.08	2.72	2.41	-
1.00	-	-	-	9.44	7.50	6.18	5.25	4.53	3.95	3.45	3.02	2.66	2.38	-
0.00	5.83a	7.00a	9.87a	9.18	7.27	6.00	5.10	4.40	3.83	3.34	2.93	2.61	-	-
-1.00	9.65a	11.42a	12.00	9.04	7.14	5.87	4.99	4.28	3.70	3.25	2.88	-	-	-
-2.00	12.00	12.00	12.00	9.00	7.07	5.80	4.86	4.16	3.61	-	-	-	-	-
-3.00	-	-	12.00	8.94	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 81 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 150° - +/- 160° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3PL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.63b	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.72b	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.57b	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 82 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 160° - +/- 170° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3QL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.63b	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.72b	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.57b	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 83 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 170° - +/- 180° Over Fixed End
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	CANT	Tool Pin - 3RL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.86a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	5.76a	4.81a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.35a	6.22b	4.63a	4.87a	-	-	-
4.00	-	-	-	-	-	9.33b	8.00b	6.98b	6.17b	5.52b	4.94a	4.84a	-	-
3.00	-	-	-	-	-	9.19b	7.89b	6.91b	6.13b	5.08a	5.20a	5.01a	4.55a	-
2.00	-	-	-	-	10.90b	9.14b	7.85b	6.88b	6.13b	5.53a	5.35a	4.83a	5.11a	-
1.00	-	-	-	7.20a	7.86a	8.92a	7.88b	7.33b	7.05b	5.64a	5.56a	5.77a	5.31a	-
0.00	3.05a	3.07a	3.19a	5.86a	6.35a	7.03a	9.77b	8.89b	7.49a	6.72a	6.88a	6.19a	-	-
-1.00	3.85a	3.57a	3.48a	6.36a	7.33a	9.34a	10.18b	9.10b	8.17b	7.36b	6.57b	-	-	-
-2.00	6.55a	6.59a	6.92a	12.00	12.00	11.41b	9.78b	8.56b	7.62b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	5.97a	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	5.99a	6.02a	5.58a	-	-	-	-
5.00	-	-	-	-	-	-	-	6.39a	6.41a	6.30a	5.82a	-	-	-
4.00	-	-	-	-	-	9.60b	9.12b	8.24b	7.54b	6.98r	6.55r	5.83a	-	-
3.00	-	-	-	-	-	9.98b	9.96b	9.09b	8.17r	7.42b	6.84r	6.42b	4.55a	-
2.00	-	-	-	-	11.84b	11.42b	10.79b	9.78b	8.71b	7.87b	7.18b	6.63b	5.11a	-
1.00	-	-	-	12.00	12.00	12.00	11.42b	10.04b	8.93b	8.04b	7.32b	6.72b	5.31a	-
0.00	3.35a	4.05a	5.76a	12.00	12.00	12.00	11.51b	10.08b	8.97b	8.09b	7.38b	6.57b	-	-
-1.00	5.62a	6.67a	8.86a	12.00	12.00	12.00	11.64b	10.21b	9.13b	8.09b	6.92b	-	-	-
-2.00	8.77a	10.63a	12.00	12.00	12.00	12.00	11.71b	9.96b	8.27b	-	-	-	-	-
-3.00	-	-	12.00	12.00	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 84 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 180°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-UNLOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	67 %
System Type	PME RAIL	Date	01/07/2016
Config	SUPER CANT	Tool Pin - 4AU, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.68	1.41	1.18	-	-	-	-
5.00	-	-	-	-	-	-	-	1.61	1.37	1.16	0.99	-	-	-
4.00	-	-	-	-	-	2.15	1.75	1.49	1.28	1.10	0.95	0.82	-	-
3.00	-	-	-	-	-	2.02	1.59	1.34	1.17	1.02	0.90	0.78	0.68	-
2.00	-	-	-	-	2.38	1.83	1.44	1.20	1.06	0.94	0.83	0.74	0.65	-
1.00	-	-	-	2.74	2.07	1.62	1.30	1.11	0.98	0.88	0.78	0.70	0.62	-
0.00	5.31a	4.81	3.25	2.39	1.84	1.46	1.21	1.06	0.94	0.84	0.75	0.68	-	-
-1.00	6.66a	4.61	3.10	2.28	1.77	1.44	1.22	1.05	0.92	0.83	0.75	-	-	-
-2.00	8.42	4.72	3.19	2.36	1.85	1.51	1.27	1.10	0.97	-	-	-	-	-
-3.00	-	-	3.52	2.63	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.67	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.68	1.44	1.19	-	-	-	-
5.00	-	-	-	-	-	-	-	1.64	1.43	1.24	1.01	-	-	-
4.00	-	-	-	-	-	2.17	1.85	1.60	1.40	1.24	1.03	0.84	-	-
3.00	-	-	-	-	-	2.09	1.79	1.56	1.37	1.23	1.01	0.83	0.68	-
2.00	-	-	-	-	2.47	2.07	1.77	1.55	1.37	1.18	0.97	0.80	0.65	-
1.00	-	-	-	3.03	2.49	2.08	1.79	1.53	1.32	1.10	0.91	0.75	0.62	-
0.00	5.83a	5.06	3.62	2.82	2.31	1.93	1.66	1.42	1.21	1.01	0.83	0.70	-	-
-1.00	8.65	5.01	3.52	2.71	2.20	1.83	1.56	1.32	1.09	0.93	0.79	-	-	-
-2.00	8.76	5.02	3.51	2.68	2.14	1.76	1.45	1.22	1.02	-	-	-	-	-
-3.00	-	-	3.52	2.63	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 85 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).

Rated Lift Capacity Chart

Machine Type	Terex Gigarailer	Sector	+/- 180°
Serial Number	2227, 2228, 2290, 2291, 2292, 2293	Osc Axle	FRONT-LOCKED
Equipment	1.92m + 3.30m + 2.00m	Safety Factor	75 %
System Type	PME RAIL	Date	01/07/2016
Config	SUPER CANT	Tool Pin - 4AL, Tandem Lift	



Minimum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.86	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.87	1.59	1.35	-	-	-	-
5.00	-	-	-	-	-	-	-	1.80	1.55	1.33	1.15	-	-	-
4.00	-	-	-	-	-	2.35	1.95	1.68	1.46	1.27	1.11	0.96	-	-
3.00	-	-	-	-	-	2.22	1.78	1.52	1.34	1.19	1.05	0.92	0.81	-
2.00	-	-	-	-	2.57	2.03	1.63	1.38	1.23	1.10	0.98	0.87	0.78	-
1.00	-	-	-	2.90	2.26	1.81	1.48	1.28	1.15	1.03	0.93	0.83	0.75	-
0.00	5.31a	4.61	3.34	2.55	2.03	1.65	1.40	1.24	1.10	0.99	0.89	0.81	-	-
-1.00	6.66a	4.43	3.19	2.45	1.96	1.62	1.40	1.22	1.09	0.98	0.89	-	-	-
-2.00	6.97	4.53	3.28	2.53	2.04	1.70	1.45	1.27	1.13	-	-	-	-	-
-3.00	-	-	3.60	2.79	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	-	-	-	1.86	-	-	-	-	-	-
6.00	-	-	-	-	-	-	-	1.87	1.62	1.36	-	-	-	-
5.00	-	-	-	-	-	-	-	1.84	1.61	1.41	1.17	-	-	-
4.00	-	-	-	-	-	2.37	2.05	1.79	1.58	1.41	1.18	0.98	-	-
3.00	-	-	-	-	-	2.30	1.99	1.75	1.56	1.40	1.16	0.97	0.81	-
2.00	-	-	-	-	2.66	2.27	1.97	1.73	1.55	1.35	1.12	0.94	0.78	-
1.00	-	-	-	3.19	2.69	2.28	1.98	1.72	1.49	1.27	1.06	0.89	0.75	-
0.00	5.83a	4.83	3.69	2.99	2.50	2.13	1.85	1.60	1.39	1.17	0.98	0.84	-	-
-1.00	7.16	4.79	3.60	2.88	2.39	2.02	1.75	1.50	1.26	1.08	0.93	-	-	-
-2.00	7.25	4.81	3.58	2.85	2.33	1.96	1.64	1.39	1.19	-	-	-	-	-
-3.00	-	-	3.60	2.79	-	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). In addition, ISO4305 1.33P + 0.1F. Radius/Height are given in metres. Loads are given in tonnes, and assume that the load is suspended vertically below the bucket pin with no other equipment attached.
PAGE 86 of 86	Loads marked 'b' boom, 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).