



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 60° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	71%
System Type	PME RAIL	Date	17/09/2024
Config	ROAD	Aux Lift Point - 1AU	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.61a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.21a	-	-	-	-	-	-	-
5.00	-	-	-	3.72b	3.11b	2.65b	2.36a	2.12a	2.11a	-	-	-	-	-
4.00	-	5.00	4.34b	3.59b	3.02b	2.59b	2.25b	2.42a	1.91a	2.16a	-	-	-	-
3.00	-	5.00	4.79b	3.46b	2.94b	2.53b	2.22b	1.89a	2.21a	2.00a	-	-	-	-
2.00	5.00	5.00b	4.05b	4.08b	2.88b	2.50b	2.20r	2.50a	2.38a	2.36	2.06	-	-	-
1.00	5.00	4.48r	3.68r	3.84r	2.83r	2.53r	2.47r	2.97a	2.64	2.30	-	-	-	-
0.00	-	5.00	4.73r	3.95r	4.65r	3.08r	2.84r	3.04a	2.58	2.25	-	-	-	-
-1.00	5.00	5.00	5.00	4.98r	5.00	3.91r	3.51	3.01	2.55	2.24	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	5.00	4.27	3.50	2.97	2.58	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.70b	4.12b	3.68b	3.28b	-	-	-	-	-	-	-
-4.00	5.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.50a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.51b	3.38b	3.32b	-	-	-	-	-	-	-
5.00	-	-	-	3.81b	3.68b	3.47b	3.35b	3.22b	2.52a	-	-	-	-	-
4.00	-	5.00	5.00	4.47b	4.07b	3.76b	3.54b	3.35b	2.94	2.16a	-	-	-	-
3.00	-	5.00	5.00	5.00	4.47b	4.20b	3.84b	3.37	2.93	2.46	-	-	-	-
2.00	5.00	5.00	5.00	5.00	5.00	4.63b	3.89	3.34	2.88	2.42	2.06	-	-	-
1.00	5.00	5.00	5.00	5.00	5.00	4.61	3.88	3.35	2.80	2.36	-	-	-	-
0.00	-	5.00	5.00	5.00	5.00	4.64	3.91	3.26	2.73	2.31	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	4.70	3.84	3.15	2.64	2.26	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	5.00	4.61	3.70	3.06	2.58	-	-	-	-	-
-3.00	5.00	5.00	5.00	5.00	5.00	4.49	3.46b	-	-	-	-	-	-	-
-4.00	5.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 60° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	71%
System Type	PME RAIL	Date	17/09/2024
Config	ROAD	Hitch Lift Point - 1AU	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.39a	3.29a	1.94a	1.96a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.86k	1.72k	1.60a	1.65a	-	-	-	-	-	-
6.00	-	-	-	-	3.20b	2.42k	1.80a	1.51a	1.45a	1.45a	-	-	-	-
5.00	-	-	-	3.51a	3.01a	2.69b	2.25b	1.53a	1.36a	1.35a	1.35a	-	-	-
4.00	-	-	3.92a	2.77a	2.87a	2.65b	2.28b	1.71a	1.39a	1.31a	1.37a	1.34a	-	-
3.00	3.16k	3.31k	3.79k	3.51b	2.99b	2.58b	2.26b	1.86a	1.51a	1.32a	1.29a	1.29a	-	-
2.00	3.57k	3.27k	3.26k	3.29k	2.90b	2.52b	2.20r	1.87a	1.54a	1.41a	1.36a	1.35a	1.40a	-
1.00	3.64k	3.36k	3.48k	3.05k	2.82r	2.41r	2.17r	1.87a	1.65a	1.54a	1.43a	1.46a	1.35a	-
0.00	3.16a	3.70a	3.39k	3.17k	2.86r	2.58r	2.38r	2.13a	1.68a	1.63a	1.56a	1.52a	-	-
-1.00	3.08a	3.70a	3.17k	3.07k	3.09k	3.03r	2.77r	2.11a	1.80a	1.84a	1.63a	1.56a	-	-
-2.00	3.78a	3.48k	3.08k	3.19k	3.05k	3.22k	2.57a	2.21a	2.10a	1.90a	1.83a	-	-	-
-3.00	3.50k	3.08k	3.13k	3.05k	3.00k	3.32a	2.81a	2.49a	2.26a	2.01a	-	-	-	-
-4.00	3.35k	3.07k	3.24k	3.30k	3.59b	3.14b	2.79b	2.55b	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.86b	4.21a	3.54a	2.68a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.63b	3.69b	3.31a	2.68a	-	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.28b	3.35a	3.00a	2.18a	-	-	-	-
5.00	-	-	-	3.51a	3.65b	3.41b	3.29b	3.24b	3.02b	2.71b	2.31a	-	-	-
4.00	-	-	4.44b	4.40b	4.04b	3.73b	3.55b	3.33b	3.03	2.69b	2.35	2.02	-	-
3.00	7.21b	6.50b	5.45b	4.85b	4.70b	4.20b	3.87b	3.47	3.03	2.66b	2.34	2.01	-	-
2.00	8.06b	7.53b	6.59b	5.65b	5.22b	4.66b	4.01b	3.45	2.99	2.64b	2.32	1.99	1.72	-
1.00	8.20b	7.82a	7.43b	6.26b	5.67b	4.71	3.97b	3.41	2.99	2.64	2.26	1.95	1.69	-
0.00	9.03b	8.73b	7.80b	6.80b	5.77	4.74	4.01b	3.44	2.98	2.56	2.20	1.90	-	-
-1.00	10.00	9.93a	8.20b	6.89b	5.85b	4.82	4.00	3.40	2.91	2.47	2.13	1.85	-	-
-2.00	10.00	10.00	8.40b	7.07b	6.10	4.86	3.99	3.32	2.81	2.40	2.08	-	-	-
-3.00	10.00	10.00	8.63b	7.29b	6.11	4.80	3.87	3.22	2.73	2.36	-	-	-	-
-4.00	10.00	10.00	8.47b	7.00b	5.81b	4.69	3.79	3.04b	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
-------	--



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 60° - +/- 180°
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	71%
System Type	PME RAIL	Date	17/09/2024
Config	ROAD	Aux Lift Point - 1BU	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.61a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.21a	-	-	-	-	-	-	-
5.00	-	-	-	3.72b	3.11b	2.65b	2.36a	2.12a	1.91	-	-	-	-	-
4.00	-	5.00	4.34b	3.59b	3.02b	2.59b	2.25b	2.22	1.89	1.61	-	-	-	-
3.00	-	5.00	4.79b	3.46b	2.94b	2.53b	2.22b	1.89a	1.82	1.58	-	-	-	-
2.00	5.00	5.00b	4.05b	4.08b	2.88b	2.50b	2.20r	2.02	1.75	1.52	1.33	-	-	-
1.00	5.00	4.48r	3.68r	3.84r	2.83r	2.53r	2.23	1.93	1.67	1.47	-	-	-	-
0.00	-	5.00	4.73r	3.85	3.05	2.53	2.15	1.89	1.62	1.43	-	-	-	-
-1.00	5.00	5.00	5.00	3.78	3.00	2.49	2.11	1.87	1.60	1.42	-	-	-	-
-2.00	5.00	5.00	5.00	3.78	3.01	2.49	2.11	1.83	1.62	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.87	3.08	2.55	2.19	-	-	-	-	-	-	-
-4.00	5.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.50a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.51b	3.36	2.76	-	-	-	-	-	-	-
5.00	-	-	-	3.81b	3.68b	3.32	2.79	2.32	1.92	-	-	-	-	-
4.00	-	5.00	5.00	4.47b	3.92	3.25	2.75	2.34	1.94	1.61	-	-	-	-
3.00	-	5.00	5.00	4.61	3.81	3.18	2.71	2.33	1.93	1.61	-	-	-	-
2.00	5.00	5.00	5.00	4.61	3.70b	3.14	2.69	2.28	1.89	1.57	1.33	-	-	-
1.00	5.00	5.00	5.00	4.59	3.62b	3.10	2.63	2.19	1.82	1.53	-	-	-	-
0.00	-	5.00	5.00	4.50r	3.54	3.02	2.54	2.09	1.75	1.48	-	-	-	-
-1.00	5.00	5.00	5.00	4.41	3.43	2.90	2.39	1.98	1.67	1.43	-	-	-	-
-2.00	5.00	5.00	5.00	4.31	3.42	2.76	2.27	1.91	1.62	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.15	3.23	2.66	2.21	-	-	-	-	-	-	-
-4.00	5.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 60° - +/- 180°
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	71%
System Type	PME RAIL	Date	17/09/2024
Config	ROAD	Hitch Lift Point - 1BU	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.39a	3.29a	1.94a	1.96a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.86k	1.72k	1.60a	1.65a	-	-	-	-	-	-
6.00	-	-	-	-	3.20b	2.42k	1.80a	1.51a	1.45a	1.45a	-	-	-	-
5.00	-	-	-	3.51a	3.01a	2.69b	2.25b	1.53a	1.36a	1.35a	1.35a	-	-	-
4.00	-	-	3.92a	2.77a	2.87a	2.65b	2.28b	1.71a	1.39a	1.31a	1.37a	1.29	-	-
3.00	3.16k	3.31k	3.79k	3.51b	2.99b	2.58b	2.26b	1.86a	1.51a	1.32a	1.29a	1.25	-	-
2.00	3.57k	3.27k	3.26k	3.29k	2.90b	2.52b	2.20r	1.87a	1.54a	1.41a	1.36	1.21	1.12	-
1.00	3.64k	3.36k	3.48k	3.05k	2.82r	2.41r	2.17r	1.87a	1.65a	1.51	1.32	1.20	1.10	-
0.00	3.16a	3.70a	3.39k	3.17k	2.86r	2.55	2.17	1.89	1.65	1.46	1.30	1.19	-	-
-1.00	3.08a	3.70a	3.17k	3.07k	2.99	2.48	2.11	1.83	1.61	1.43	1.29	1.19	-	-
-2.00	3.78a	3.48k	3.08k	3.19k	2.97	2.46	2.09	1.82	1.60	1.44	1.31	-	-	-
-3.00	3.50k	3.08k	3.13k	3.05k	2.99	2.49	2.12	1.85	1.64	1.49	-	-	-	-
-4.00	3.35k	3.07k	3.24k	3.30k	3.08	2.56	2.20	1.93	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.86b	4.21a	3.54a	2.68a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.63b	3.37	2.95	2.49	-	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	2.93	2.56	2.18	1.82	-	-	-	-
5.00	-	-	-	3.51a	3.65b	3.38	2.95	2.55	2.20b	1.88	1.59	-	-	-
4.00	-	-	4.44b	4.40b	4.02	3.39	2.92	2.51	2.18b	1.89	1.60	1.36	-	-
3.00	7.21b	6.50b	5.45b	4.76b	4.01	3.35	2.85b	2.46	2.15b	1.89	1.60	1.35	-	-
2.00	8.06b	7.53b	6.04b	4.77	3.89	3.26	2.78b	2.42	2.14b	1.85	1.58	1.33	1.14	-
1.00	8.20b	7.82a	6.03b	4.69	3.84	3.22	2.76b	2.41	2.10	1.80	1.52	1.30	1.11	-
0.00	9.03b	8.44	6.04	4.68	3.81	3.18	2.71	2.33	2.03	1.72	1.46	1.26	-	-
-1.00	10.00	8.47	5.96	4.58	3.70	3.09	2.62	2.25	1.93	1.64	1.41	1.21	-	-
-2.00	10.00	8.33	5.83	4.46	3.59	2.99	2.54	2.16	1.83	1.57	1.36	-	-	-
-3.00	10.00	8.41	5.90	4.48	3.57	2.93	2.43	2.05	1.76	1.53	-	-	-	-
-4.00	10.00	8.52	5.88	4.41	3.49	2.84	2.39	2.03	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 4 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 60° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	71%
System Type	PME RAIL	Date	17/09/2024
Config	ROAD	Aux Lift Point - 1AL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.61a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.21a	-	-	-	-	-	-	-
5.00	-	-	-	3.72b	3.11b	2.65b	2.36a	2.12a	2.11a	-	-	-	-	-
4.00	-	5.00	4.34b	3.59b	3.02b	2.59b	2.25b	2.42a	1.91a	2.16a	-	-	-	-
3.00	-	5.00	4.79b	3.46b	2.94b	2.53b	2.22b	1.89a	2.21a	2.00a	-	-	-	-
2.00	5.00	5.00b	4.05b	4.08b	2.88b	2.50b	2.20r	2.50a	2.38a	2.36	2.06	-	-	-
1.00	5.00	4.48r	3.68r	3.84r	2.83r	2.53r	2.47r	2.97a	2.64	2.30	-	-	-	-
0.00	-	5.00	4.73r	3.95r	4.65r	3.08r	2.84r	3.04a	2.58	2.25	-	-	-	-
-1.00	5.00	5.00	5.00	4.98r	5.00	3.91r	3.51	3.01	2.55	2.24	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	5.00	4.27	3.50	2.97	2.58	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.70b	4.12b	3.68b	3.28b	-	-	-	-	-	-	-
-4.00	5.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.50a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.51b	3.38b	3.32b	-	-	-	-	-	-	-
5.00	-	-	-	3.81b	3.68b	3.47b	3.35b	3.22b	2.52a	-	-	-	-	-
4.00	-	5.00	5.00	4.47b	4.07b	3.76b	3.54b	3.35b	2.94	2.16a	-	-	-	-
3.00	-	5.00	5.00	5.00	4.47b	4.20b	3.84b	3.37	2.93	2.46	-	-	-	-
2.00	5.00	5.00	5.00	5.00	5.00	4.63b	3.89	3.34	2.88	2.42	2.06	-	-	-
1.00	5.00	5.00	5.00	5.00	5.00	4.61	3.88	3.35	2.80	2.36	-	-	-	-
0.00	-	5.00	5.00	5.00	5.00	4.64	3.91	3.26	2.73	2.31	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	4.70	3.84	3.15	2.64	2.26	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	5.00	4.61	3.70	3.06	2.58	-	-	-	-	-
-3.00	5.00	5.00	5.00	5.00	5.00	4.49	3.46b	-	-	-	-	-	-	-
-4.00	5.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 5 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 60° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	71%
System Type	PME RAIL	Date	17/09/2024
Config	ROAD	Hitch Lift Point - 1AL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.39a	3.29a	1.94a	1.96a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.86k	1.72k	1.60a	1.65a	-	-	-	-	-	-
6.00	-	-	-	-	3.20b	2.42k	1.80a	1.51a	1.45a	1.45a	-	-	-	-
5.00	-	-	-	3.51a	3.01a	2.69b	2.25b	1.53a	1.36a	1.35a	1.35a	-	-	-
4.00	-	-	3.92a	2.77a	2.87a	2.65b	2.28b	1.71a	1.39a	1.31a	1.37a	1.34a	-	-
3.00	3.16k	3.31k	3.79k	3.51b	2.99b	2.58b	2.26b	1.86a	1.51a	1.32a	1.29a	1.29a	-	-
2.00	3.57k	3.27k	3.26k	3.29k	2.90b	2.52b	2.20r	1.87a	1.54a	1.41a	1.36a	1.35a	1.40a	-
1.00	3.64k	3.36k	3.48k	3.05k	2.82r	2.41r	2.17r	1.87a	1.65a	1.54a	1.43a	1.46a	1.35a	-
0.00	3.16a	3.70a	3.39k	3.17k	2.86r	2.58r	2.38r	2.13a	1.68a	1.63a	1.56a	1.52a	-	-
-1.00	3.08a	3.70a	3.17k	3.07k	3.09k	3.03r	2.77r	2.11a	1.80a	1.84a	1.63a	1.56a	-	-
-2.00	3.78a	3.48k	3.08k	3.19k	3.05k	3.22k	2.57a	2.21a	2.10a	1.90a	1.83a	-	-	-
-3.00	3.50k	3.08k	3.13k	3.05k	3.00k	3.32a	2.81a	2.49a	2.26a	2.01a	-	-	-	-
-4.00	3.35k	3.07k	3.24k	3.30k	3.59b	3.14b	2.79b	2.55b	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.86b	4.21a	3.54a	2.68a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.63b	3.69b	3.31a	2.68a	-	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.28b	3.35a	3.00a	2.18a	-	-	-	-
5.00	-	-	-	3.51a	3.65b	3.41b	3.29b	3.24b	3.02b	2.71b	2.31a	-	-	-
4.00	-	-	4.44b	4.40b	4.04b	3.73b	3.55b	3.33b	3.03	2.69b	2.35	2.02	-	-
3.00	7.21b	6.50b	5.45b	4.85b	4.70b	4.20b	3.87b	3.47	3.03	2.66b	2.34	2.01	-	-
2.00	8.06b	7.53b	6.59b	5.65b	5.22b	4.66b	4.01b	3.45	2.99	2.64b	2.32	1.99	1.72	-
1.00	8.20b	7.82a	7.43b	6.26b	5.67b	4.71	3.97b	3.41	2.99	2.64	2.26	1.95	1.69	-
0.00	9.03b	8.73b	7.80b	6.80b	5.77	4.74	4.01b	3.44	2.98	2.56	2.20	1.90	-	-
-1.00	10.00	9.93a	8.20b	6.89b	5.85b	4.82	4.00	3.40	2.91	2.47	2.13	1.85	-	-
-2.00	10.00	10.00	8.40b	7.07b	6.10	4.86	3.99	3.32	2.81	2.40	2.08	-	-	-
-3.00	10.00	10.00	8.63b	7.29b	6.11	4.80	3.87	3.22	2.73	2.36	-	-	-	-
-4.00	10.00	10.00	8.47b	7.00b	5.81b	4.69	3.79	3.04b	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 60° - +/- 180°
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	71%
System Type	PME RAIL	Date	17/09/2024
Config	ROAD	Aux Lift Point - 1BL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.61a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.21a	-	-	-	-	-	-	-
5.00	-	-	-	3.72b	3.11b	2.65b	2.36a	2.12a	1.91	-	-	-	-	-
4.00	-	5.00	4.34b	3.59b	3.02b	2.59b	2.25b	2.22	1.89	1.61	-	-	-	-
3.00	-	5.00	4.79b	3.46b	2.94b	2.53b	2.22b	1.89a	1.82	1.58	-	-	-	-
2.00	5.00	5.00b	4.05b	4.08b	2.88b	2.50b	2.20r	2.02	1.75	1.52	1.33	-	-	-
1.00	5.00	4.48r	3.68r	3.84r	2.83r	2.53r	2.23	1.93	1.67	1.47	-	-	-	-
0.00	-	5.00	4.73r	3.85	3.05	2.53	2.15	1.89	1.62	1.43	-	-	-	-
-1.00	5.00	5.00	5.00	3.78	3.00	2.49	2.11	1.87	1.60	1.42	-	-	-	-
-2.00	5.00	5.00	5.00	3.78	3.01	2.49	2.11	1.83	1.62	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.87	3.08	2.55	2.19	-	-	-	-	-	-	-
-4.00	5.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.50a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.51b	3.36	2.76	-	-	-	-	-	-	-
5.00	-	-	-	3.81b	3.68b	3.32	2.79	2.32	1.92	-	-	-	-	-
4.00	-	5.00	5.00	4.47b	3.92	3.25	2.75	2.34	1.94	1.61	-	-	-	-
3.00	-	5.00	5.00	4.61	3.81	3.18	2.71	2.33	1.93	1.61	-	-	-	-
2.00	5.00	5.00	5.00	4.61	3.70b	3.14	2.69	2.28	1.89	1.57	1.33	-	-	-
1.00	5.00	5.00	5.00	4.59	3.62b	3.10	2.63	2.19	1.82	1.53	-	-	-	-
0.00	-	5.00	5.00	4.50r	3.54	3.02	2.54	2.09	1.75	1.48	-	-	-	-
-1.00	5.00	5.00	5.00	4.41	3.43	2.90	2.39	1.98	1.67	1.43	-	-	-	-
-2.00	5.00	5.00	5.00	4.31	3.42	2.76	2.27	1.91	1.62	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.15	3.23	2.66	2.21	-	-	-	-	-	-	-
-4.00	5.00	5.00	5.00	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 60° - +/- 180°
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	71%
System Type	PME RAIL	Date	17/09/2024
Config	ROAD	Hitch Lift Point - 1BL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.39a	3.29a	1.94a	1.96a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.86k	1.72k	1.60a	1.65a	-	-	-	-	-	-
6.00	-	-	-	-	3.20b	2.42k	1.80a	1.51a	1.45a	1.45a	-	-	-	-
5.00	-	-	-	3.51a	3.01a	2.69b	2.25b	1.53a	1.36a	1.35a	1.35a	-	-	-
4.00	-	-	3.92a	2.77a	2.87a	2.65b	2.28b	1.71a	1.39a	1.31a	1.37a	1.29	-	-
3.00	3.16k	3.31k	3.79k	3.51b	2.99b	2.58b	2.26b	1.86a	1.51a	1.32a	1.29a	1.25	-	-
2.00	3.57k	3.27k	3.26k	3.29k	2.90b	2.52b	2.20r	1.87a	1.54a	1.41a	1.36	1.21	1.12	-
1.00	3.64k	3.36k	3.48k	3.05k	2.82r	2.41r	2.17r	1.87a	1.65a	1.51	1.32	1.20	1.10	-
0.00	3.16a	3.70a	3.39k	3.17k	2.86r	2.55	2.17	1.89	1.65	1.46	1.30	1.19	-	-
-1.00	3.08a	3.70a	3.17k	3.07k	2.99	2.48	2.11	1.83	1.61	1.43	1.29	1.19	-	-
-2.00	3.78a	3.48k	3.08k	3.19k	2.97	2.46	2.09	1.82	1.60	1.44	1.31	-	-	-
-3.00	3.50k	3.08k	3.13k	3.05k	2.99	2.49	2.12	1.85	1.64	1.49	-	-	-	-
-4.00	3.35k	3.07k	3.24k	3.30k	3.08	2.56	2.20	1.93	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.86b	4.21a	3.54a	2.68a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.63b	3.37	2.95	2.49	-	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	2.93	2.56	2.18	1.82	-	-	-	-
5.00	-	-	-	3.51a	3.65b	3.38	2.95	2.55	2.20b	1.88	1.59	-	-	-
4.00	-	-	4.44b	4.40b	4.02	3.39	2.92	2.51	2.18b	1.89	1.60	1.36	-	-
3.00	7.21b	6.50b	5.45b	4.76b	4.01	3.35	2.85b	2.46	2.15b	1.89	1.60	1.35	-	-
2.00	8.06b	7.53b	6.04b	4.77	3.89	3.26	2.78b	2.42	2.14b	1.85	1.58	1.33	1.14	-
1.00	8.20b	7.82a	6.03b	4.69	3.84	3.22	2.76b	2.41	2.10	1.80	1.52	1.30	1.11	-
0.00	9.03b	8.44	6.04	4.68	3.81	3.18	2.71	2.33	2.03	1.72	1.46	1.26	-	-
-1.00	10.00	8.47	5.96	4.58	3.70	3.09	2.62	2.25	1.93	1.64	1.41	1.21	-	-
-2.00	10.00	8.33	5.83	4.46	3.59	2.99	2.54	2.16	1.83	1.57	1.36	-	-	-
-3.00	10.00	8.41	5.90	4.48	3.57	2.93	2.43	2.05	1.76	1.53	-	-	-	-
-4.00	10.00	8.52	5.88	4.41	3.49	2.84	2.39	2.03	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2AU	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.43a	2.23a	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.27b	2.06a	2.29a	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.24b	2.17a	2.29a	2.19a	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.52b	2.21b	2.08a	2.39a	2.31a	-	-	-	-
2.00	5.00	4.98b	4.03b	3.98b	2.87b	2.50b	2.32r	2.45a	2.45a	2.15a	2.40a	-	-	-
1.00	5.00	4.75r	3.77r	3.55r	2.96r	2.68r	2.46r	2.76a	2.72a	2.89a	2.06a	-	-	-
0.00	-	5.00	5.00	4.14r	4.73r	3.21r	3.23r	2.69a	2.88a	2.64a	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	4.19r	4.31b	3.54a	3.20a	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	4.85b	4.30b	3.81b	3.38b	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.34b	3.82b	3.33b	2.78b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.38b	3.32b	2.62a	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.73b	3.52b	3.39b	3.26b	2.91a	-	-	-	-	-
4.00	-	-	5.00	4.67b	4.25b	3.85b	3.62b	3.38b	3.23b	2.87a	-	-	-	-
3.00	-	5.00	5.00	5.00	4.20b	4.32b	3.94b	3.62b	3.40b	3.19b	-	-	-	-
2.00	5.00	5.00	5.00	5.00	5.00	4.75b	4.13b	3.85b	3.54b	3.29b	2.40a	-	-	-
1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.45b	4.00b	3.64b	3.34b	2.06a	-	-	-
0.00	-	5.00	5.00	5.00	5.00	5.00	4.50b	4.04b	3.68b	3.33b	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.59b	4.13b	3.59b	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	5.00	5.00	4.46b	3.67b	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	5.00	4.96b	4.04b	2.89b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 9 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2AU	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.59a	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.43a	1.44a	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.31a	1.34a	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.28b	1.79a	1.41a	1.38a	1.39a	1.31a	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.56b	2.24b	1.94a	1.58a	1.35a	1.35a	1.40a	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.89b	2.51b	2.21r	1.79a	1.64a	1.44a	1.42a	1.33a	1.32a	-
1.00	3.55k	3.05k	3.05k	3.07k	2.73r	2.42r	2.19r	2.03a	1.67a	1.50a	1.53a	1.40a	1.45a	-
0.00	3.19a	3.44k	2.99k	3.14k	2.98r	2.67r	2.46r	2.14a	1.79a	1.69a	1.64a	1.49a	-	-
-1.00	3.07a	3.64a	3.17k	3.09k	3.06k	3.12k	2.89r	2.17a	1.89a	1.87a	1.67a	1.59a	-	-
-2.00	3.87k	3.31k	3.09k	3.08k	3.10k	3.12k	2.61a	2.27a	2.17a	1.93a	1.80a	-	-	-
-3.00	3.17k	3.17k	3.13k	3.25k	3.34k	3.52k	2.86b	2.56b	2.27a	2.10a	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.86k	3.60b	3.15b	2.81b	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.77b	3.16a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.49b	3.45b	2.98a	2.04a	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.28b	3.31b	3.09a	2.49a	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.52b	3.38b	3.25b	3.18b	3.05b	2.52a	-	-	-
4.00	-	5.05k	4.61b	4.70b	4.26b	3.83b	3.63b	3.40b	3.24b	3.13b	2.95b	2.28a	-	-
3.00	7.44b	6.88b	5.76b	5.01k	4.89b	4.36b	3.94b	3.65b	3.40b	3.21b	3.06b	2.77a	-	-
2.00	8.03b	7.85b	6.83b	5.75b	5.37b	4.78b	4.29b	3.90b	3.57b	3.32b	3.10b	2.88b	1.80a	-
1.00	8.20b	8.10b	7.49b	6.38b	5.79b	5.08b	4.51b	4.05b	3.70b	3.39b	3.13b	2.89b	1.70a	-
0.00	9.31b	9.05b	7.94b	6.82b	5.87b	5.15b	4.57b	4.11b	3.75b	3.44b	3.15b	2.88b	-	-
-1.00	10.00	10.00	8.24b	6.92b	5.96b	5.22b	4.69b	4.23b	3.82b	3.46b	3.12b	2.20a	-	-
-2.00	10.00	10.00	8.49b	7.18b	6.23b	5.43b	4.79b	4.25b	3.79b	3.30b	2.68b	-	-	-
-3.00	10.00	10.00	8.62b	7.23b	6.21b	5.39b	4.65b	3.97b	3.26b	2.10a	-	-	-	-
-4.00	10.00	10.00	8.12b	6.69b	5.47b	4.39b	3.44b	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° - +/- 30° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2BU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	1.79	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.24b	1.76	-	-	-	-	-	-	-	-
3.00	-	-	4.32	2.92b	2.21	1.70	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.79	2.13	1.64	1.30	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.66	2.01	1.58	1.27	-	-	-	-	-	-	-
0.00	-	-	3.95	2.59	1.95	1.55	-	-	-	-	-	-	-	-
-1.00	-	5.00	3.87	2.57	1.93	1.53	-	-	-	-	-	-	-	-
-2.00	-	5.00	3.80	2.58	1.94	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	3.86	2.64	2.01	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.42	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.41	2.45	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.36	2.48	1.80	-	-	-	-	-	-	-	-
4.00	-	-	4.76	3.29	2.46	1.81	-	-	-	-	-	-	-	-
3.00	-	-	4.63	3.23	2.43	1.79	-	-	-	-	-	-	-	-
2.00	-	5.00	4.56	3.19	2.41	1.76	1.30	-	-	-	-	-	-	-
1.00	-	5.00	4.50	3.13	2.33	1.70	1.27	-	-	-	-	-	-	-
0.00	-	-	4.34	2.94	2.24	1.64	-	-	-	-	-	-	-	-
-1.00	-	5.00	4.22	2.87	2.11	1.58	-	-	-	-	-	-	-	-
-2.00	-	5.00	4.17	2.78	2.04	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	4.10	2.72	2.02	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° - +/- 30° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point	2BU



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.28b	1.41a	1.36	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.32	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.86	2.15	1.64a	1.32	1.12	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.68	2.05	1.61	1.30	1.11	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.59	1.97	1.56	1.28	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	2.55	1.93	1.53	1.28	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	2.54	1.92	1.54	1.30	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	2.57	1.95	1.58	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	2.65	2.03	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.44	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.42	2.66	1.93	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	2.65	2.01	-	-	-	-	-	-	-	-
5.00	-	-	-	3.43	2.62	2.03	1.52	-	-	-	-	-	-	-
4.00	-	-	4.61b	3.43	2.58	2.01	1.54	-	-	-	-	-	-	-
3.00	-	7.44b	4.78	3.36	2.53	2.00	1.52	-	-	-	-	-	-	-
2.00	-	7.70	4.67	3.29	2.49	1.98	1.50	1.13	-	-	-	-	-	-
1.00	5.48a	7.68	4.63	3.26	2.48	1.93	1.46	1.11	-	-	-	-	-	-
0.00	5.72a	7.59	4.53	3.18	2.40	1.86	1.41	-	-	-	-	-	-	-
-1.00	6.80a	7.32	4.37	3.06	2.31	1.78	1.36	-	-	-	-	-	-	-
-2.00	10.00	7.26	4.27	2.98	2.26	1.70	1.32	-	-	-	-	-	-	-
-3.00	10.00	7.39	4.34	2.98	2.17	1.66	-	-	-	-	-	-	-	-
-4.00	10.00	7.51	4.31	2.92	2.14	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 30° - +/- 40° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2CU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.37	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.37	1.62	-	-	-	-	-	-	-	-	-
5.00	-	-	-	2.29	1.59	1.13	-	-	-	-	-	-	-	-
4.00	-	-	3.24	2.13	1.50	1.09	-	-	-	-	-	-	-	-
3.00	-	-	2.86	2.04	1.40	1.03	-	-	-	-	-	-	-	-
2.00	-	5.00	2.62	1.75	1.32	0.98	0.74	-	-	-	-	-	-	-
1.00	-	5.00	2.56	1.62	1.20	0.92	0.71	-	-	-	-	-	-	-
0.00	-	-	2.50	1.55	1.14	0.88	-	-	-	-	-	-	-	-
-1.00	-	4.71	2.42	1.53	1.12	0.87	-	-	-	-	-	-	-	-
-2.00	-	4.50	2.35	1.54	1.13	-	-	-	-	-	-	-	-	-
-3.00	5.00	4.42	2.41	1.60	1.20	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.38	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.39	1.65	-	-	-	-	-	-	-	-	-
5.00	-	-	-	2.34	1.68	1.13	-	-	-	-	-	-	-	-
4.00	-	-	3.36	2.27	1.66	1.15	-	-	-	-	-	-	-	-
3.00	-	-	3.20	2.21	1.65	1.13	-	-	-	-	-	-	-	-
2.00	-	5.00	3.16	2.18	1.61	1.09	0.74	-	-	-	-	-	-	-
1.00	-	5.00	3.12	2.11	1.53	1.04	0.71	-	-	-	-	-	-	-
0.00	-	-	2.89	1.90	1.43	0.97	-	-	-	-	-	-	-	-
-1.00	-	4.74	2.77	1.83	1.30	0.92	-	-	-	-	-	-	-	-
-2.00	-	4.71	2.72	1.74	1.23	-	-	-	-	-	-	-	-	-
-3.00	5.00	4.82	2.65	1.68	1.21	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 30° - +/- 40° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2CU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	3.42	1.99a	1.70	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.35	1.53	1.22	-	-	-	-	-	-	-	-
6.00	-	-	-	2.40	1.61	1.12	-	-	-	-	-	-	-	-
5.00	-	-	-	2.35	1.62	1.12	0.88	-	-	-	-	-	-	-
4.00	-	-	3.39	2.20	1.55	1.12	0.80	-	-	-	-	-	-	-
3.00	-	3.08k	2.98	2.02	1.46	1.08	0.76	-	-	-	-	-	-	-
2.00	-	3.60k	2.61	1.82	1.34	1.02	0.76	0.63	-	-	-	-	-	-
1.00	3.07a	3.55k	2.38	1.64	1.24	0.95	0.74	0.62	-	-	-	-	-	-
0.00	2.83a	3.19a	2.25	1.55	1.16	0.90	0.72	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	2.21	1.51	1.12	0.87	0.72	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	2.21	1.50	1.12	0.88	0.74	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	2.27	1.53	1.14	0.91	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	2.37	1.61	1.22	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	3.42	2.48	1.74	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.46	1.85	1.28	-	-	-	-	-	-	-	-
6.00	-	-	-	2.46	1.85	1.36	-	-	-	-	-	-	-	-
5.00	-	-	-	2.46	1.83	1.38	0.96	-	-	-	-	-	-	-
4.00	-	-	3.47	2.45	1.79	1.36	0.98	-	-	-	-	-	-	-
3.00	-	5.74	3.44	2.35	1.74	1.35	0.97	-	-	-	-	-	-	-
2.00	-	5.51	3.29	2.27	1.70	1.33	0.94	0.65	-	-	-	-	-	-
1.00	5.48a	5.53	3.25	2.25	1.69	1.27	0.90	0.63	-	-	-	-	-	-
0.00	5.72a	5.25	3.14	2.17	1.59	1.20	0.84	-	-	-	-	-	-	-
-1.00	6.80a	4.91	2.92	2.03	1.50	1.12	0.80	-	-	-	-	-	-	-
-2.00	10.00	4.85	2.82	1.94	1.45	1.04	0.76	-	-	-	-	-	-	-
-3.00	10.00	4.98	2.89	1.94	1.36	1.00	-	-	-	-	-	-	-	-
-4.00	10.00	5.11	2.85	1.88	1.33	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 40° - +/- 50° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2DU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.00	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.00	1.36	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.93	1.33	0.93	-	-	-	-	-	-	-	-
4.00	-	-	2.67	1.78	1.25	0.90	-	-	-	-	-	-	-	-
3.00	-	-	2.32	1.69	1.15	0.84	-	-	-	-	-	-	-	-
2.00	-	4.07	2.09	1.41	1.07	0.79	0.57	-	-	-	-	-	-	-
1.00	-	4.02	2.04	1.29	0.96	0.73	0.53	-	-	-	-	-	-	-
0.00	-	-	1.98	1.23	0.91	0.70	-	-	-	-	-	-	-	-
-1.00	-	3.64	1.91	1.20	0.89	0.68	-	-	-	-	-	-	-	-
-2.00	-	3.45	1.85	1.22	0.90	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.38	1.90	1.28	0.96	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.01	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.02	1.39	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.97	1.42	0.94	-	-	-	-	-	-	-	-
4.00	-	-	2.78	1.91	1.40	0.95	-	-	-	-	-	-	-	-
3.00	-	-	2.64	1.85	1.39	0.94	-	-	-	-	-	-	-	-
2.00	-	4.27	2.60	1.82	1.35	0.90	0.57	-	-	-	-	-	-	-
1.00	-	4.08	2.56	1.76	1.27	0.84	0.53	-	-	-	-	-	-	-
0.00	-	-	2.34	1.56	1.18	0.78	-	-	-	-	-	-	-	-
-1.00	-	3.67	2.23	1.49	1.06	0.73	-	-	-	-	-	-	-	-
-2.00	-	3.64	2.19	1.41	0.99	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.74	2.13	1.35	0.97	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 40° - +/- 50° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2DU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.96	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.84	1.89	1.44	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.99	1.28	1.02	-	-	-	-	-	-	-	-
6.00	-	-	-	2.03	1.36	0.92	-	-	-	-	-	-	-	-
5.00	-	-	-	1.98	1.36	0.93	0.72	-	-	-	-	-	-	-
4.00	-	-	2.81	1.84	1.30	0.92	0.64	-	-	-	-	-	-	-
3.00	-	3.08k	2.43	1.67	1.21	0.88	0.60	-	-	-	-	-	-	-
2.00	-	3.60k	2.09	1.48	1.10	0.83	0.60	0.45	-	-	-	-	-	-
1.00	3.07a	3.24	1.87	1.31	1.00	0.76	0.57	0.43	-	-	-	-	-	-
0.00	2.83a	2.94	1.76	1.23	0.92	0.71	0.54	-	-	-	-	-	-	-
-1.00	2.68a	2.89	1.72	1.19	0.88	0.69	0.54	-	-	-	-	-	-	-
-2.00	3.49a	2.94	1.72	1.18	0.88	0.69	0.58	-	-	-	-	-	-	-
-3.00	4.38k	3.03	1.77	1.21	0.91	0.73	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	1.86	1.28	0.98	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.96	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.84	2.14	1.48	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.08	1.58	1.08	-	-	-	-	-	-	-	-
6.00	-	-	-	2.09	1.58	1.15	-	-	-	-	-	-	-	-
5.00	-	-	-	2.09	1.56	1.17	0.80	-	-	-	-	-	-	-
4.00	-	-	2.89	2.07	1.52	1.16	0.81	-	-	-	-	-	-	-
3.00	-	4.55	2.86	1.98	1.47	1.15	0.81	-	-	-	-	-	-	-
2.00	-	4.34	2.72	1.91	1.44	1.13	0.78	0.47	-	-	-	-	-	-
1.00	5.48a	4.37	2.68	1.89	1.43	1.07	0.74	0.44	-	-	-	-	-	-
0.00	5.72a	4.12	2.58	1.81	1.34	1.00	0.69	-	-	-	-	-	-	-
-1.00	6.80a	3.81	2.38	1.68	1.25	0.92	0.64	-	-	-	-	-	-	-
-2.00	9.38	3.76	2.28	1.60	1.20	0.84	0.60	-	-	-	-	-	-	-
-3.00	9.70	3.88	2.34	1.60	1.11	0.80	-	-	-	-	-	-	-	-
-4.00	10.00	3.99	2.31	1.54	1.08	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 50° - +/- 120°
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2EU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.75	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.75	1.14	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.67	1.10	0.73	-	-	-	-	-	-	-	-
4.00	-	-	2.38	1.51	1.02	0.70	-	-	-	-	-	-	-	-
3.00	-	-	2.00	1.42	0.92	0.64	-	-	-	-	-	-	-	-
2.00	-	3.76	1.75	1.13	0.83	0.57	0.30	-	-	-	-	-	-	-
1.00	-	3.70	1.70	1.00	0.72	0.49	0.26	-	-	-	-	-	-	-
0.00	-	-	1.63	0.93	0.66	0.43	-	-	-	-	-	-	-	-
-1.00	-	3.27	1.55	0.91	0.64	0.41	-	-	-	-	-	-	-	-
-2.00	-	3.06	1.48	0.92	0.65	-	-	-	-	-	-	-	-	-
-3.00	5.00	2.98	1.54	0.98	0.72	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.76	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.77	1.17	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.72	1.20	0.74	-	-	-	-	-	-	-	-
4.00	-	-	2.49	1.65	1.18	0.75	-	-	-	-	-	-	-	-
3.00	-	-	2.34	1.59	1.16	0.74	-	-	-	-	-	-	-	-
2.00	-	3.99	2.29	1.56	1.12	0.70	0.30	-	-	-	-	-	-	-
1.00	-	3.77	2.25	1.49	1.04	0.64	0.26	-	-	-	-	-	-	-
0.00	-	-	2.02	1.29	0.95	0.57	-	-	-	-	-	-	-	-
-1.00	-	3.31	1.90	1.21	0.82	0.48	-	-	-	-	-	-	-	-
-2.00	-	3.28	1.85	1.12	0.75	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.38	1.78	1.06	0.73	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 50° - +/- 120°
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2EU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.69	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.55	1.63	1.22	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.73	1.05	0.83	-	-	-	-	-	-	-	-
6.00	-	-	-	1.78	1.13	0.72	-	-	-	-	-	-	-	-
5.00	-	-	-	1.73	1.14	0.73	0.51	-	-	-	-	-	-	-
4.00	-	-	2.52	1.58	1.07	0.73	0.40	-	-	-	-	-	-	-
3.00	-	3.08k	2.11	1.40	0.98	0.68	0.34	-	-	-	-	-	-	-
2.00	-	3.37	1.75	1.20	0.86	0.62	0.34	0.21	-	-	-	-	-	-
1.00	3.07a	2.82	1.51	1.02	0.75	0.53	0.30	0.19	-	-	-	-	-	-
0.00	2.83a	2.48	1.38	0.93	0.68	0.45	0.27	-	-	-	-	-	-	-
-1.00	2.68a	2.42	1.34	0.89	0.64	0.41	0.27	-	-	-	-	-	-	-
-2.00	3.49a	2.48	1.35	0.88	0.63	0.42	0.31	-	-	-	-	-	-	-
-3.00	4.38k	2.59	1.40	0.91	0.66	0.48	-	-	-	-	-	-	-	-
-4.00	3.84k	2.81	1.50	0.99	0.74	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.69	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.55	1.89	1.26	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.84	1.37	0.89	-	-	-	-	-	-	-	-
6.00	-	-	-	1.84	1.37	0.96	-	-	-	-	-	-	-	-
5.00	-	-	-	1.84	1.35	0.98	0.63	-	-	-	-	-	-	-
4.00	-	-	2.61	1.83	1.30	0.97	0.64	-	-	-	-	-	-	-
3.00	-	4.30	2.57	1.73	1.25	0.96	0.64	-	-	-	-	-	-	-
2.00	-	4.07	2.42	1.65	1.22	0.94	0.61	0.23	-	-	-	-	-	-
1.00	5.48a	4.10	2.38	1.63	1.21	0.87	0.54	0.20	-	-	-	-	-	-
0.00	5.72a	3.81	2.27	1.55	1.11	0.81	0.46	-	-	-	-	-	-	-
-1.00	6.80a	3.47	2.05	1.41	1.02	0.72	0.39	-	-	-	-	-	-	-
-2.00	10.00	3.41	1.95	1.32	0.97	0.64	0.34	-	-	-	-	-	-	-
-3.00	10.00	3.55	2.02	1.32	0.88	0.60	-	-	-	-	-	-	-	-
-4.00	10.00	3.67	1.99	1.26	0.85	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 120° - +/- 140° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2FU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.96	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.96	1.29	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.88	1.25	0.85	-	-	-	-	-	-	-	-
4.00	-	-	2.71	1.72	1.17	0.81	-	-	-	-	-	-	-	-
3.00	-	-	2.31	1.63	1.06	0.75	-	-	-	-	-	-	-	-
2.00	-	4.42	2.05	1.32	0.98	0.69	0.44	-	-	-	-	-	-	-
1.00	-	4.36	2.00	1.19	0.86	0.64	0.40	-	-	-	-	-	-	-
0.00	-	-	1.93	1.12	0.80	0.60	-	-	-	-	-	-	-	-
-1.00	-	3.89	1.85	1.10	0.78	0.57	-	-	-	-	-	-	-	-
-2.00	-	3.67	1.78	1.11	0.79	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.58	1.83	1.17	0.86	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.97	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.98	1.32	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.93	1.35	0.86	-	-	-	-	-	-	-	-
4.00	-	-	2.82	1.86	1.33	0.87	-	-	-	-	-	-	-	-
3.00	-	-	2.66	1.80	1.32	0.85	-	-	-	-	-	-	-	-
2.00	-	4.67	2.62	1.77	1.28	0.81	0.44	-	-	-	-	-	-	-
1.00	-	4.43	2.57	1.70	1.19	0.76	0.40	-	-	-	-	-	-	-
0.00	-	-	2.33	1.49	1.09	0.69	-	-	-	-	-	-	-	-
-1.00	-	3.93	2.21	1.40	0.97	0.64	-	-	-	-	-	-	-	-
-2.00	-	3.90	2.16	1.31	0.89	-	-	-	-	-	-	-	-	-
-3.00	5.00	4.01	2.09	1.26	0.87	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 120° - +/- 140° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2FU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.03	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.89	1.84	1.38	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.95	1.20	0.94	-	-	-	-	-	-	-	-
6.00	-	-	-	1.99	1.28	0.84	-	-	-	-	-	-	-	-
5.00	-	-	-	1.94	1.29	0.84	0.64	-	-	-	-	-	-	-
4.00	-	-	2.86	1.79	1.22	0.84	0.54	-	-	-	-	-	-	-
3.00	-	3.08k	2.43	1.61	1.13	0.80	0.48	-	-	-	-	-	-	-
2.00	-	3.60k	2.05	1.39	1.01	0.74	0.48	0.33	-	-	-	-	-	-
1.00	3.07a	3.41	1.80	1.22	0.90	0.67	0.44	0.31	-	-	-	-	-	-
0.00	2.83a	3.04	1.67	1.12	0.82	0.61	0.41	-	-	-	-	-	-	-
-1.00	2.68a	2.98	1.63	1.08	0.78	0.58	0.41	-	-	-	-	-	-	-
-2.00	3.49a	3.04	1.63	1.07	0.77	0.59	0.45	-	-	-	-	-	-	-
-3.00	4.38k	3.16	1.69	1.10	0.80	0.63	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	1.79	1.18	0.88	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.03	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.89	2.11	1.41	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.05	1.53	1.00	-	-	-	-	-	-	-	-
6.00	-	-	-	2.06	1.53	1.08	-	-	-	-	-	-	-	-
5.00	-	-	-	2.06	1.50	1.10	0.73	-	-	-	-	-	-	-
4.00	-	-	2.94	2.04	1.46	1.09	0.74	-	-	-	-	-	-	-
3.00	-	5.00	2.91	1.94	1.41	1.08	0.73	-	-	-	-	-	-	-
2.00	-	4.75	2.75	1.87	1.37	1.06	0.70	0.35	-	-	-	-	-	-
1.00	5.48a	4.78	2.71	1.84	1.36	0.99	0.66	0.32	-	-	-	-	-	-
0.00	5.72a	4.48	2.60	1.75	1.26	0.93	0.60	-	-	-	-	-	-	-
-1.00	6.80a	4.11	2.37	1.61	1.17	0.84	0.53	-	-	-	-	-	-	-
-2.00	10.00	4.04	2.26	1.53	1.12	0.76	0.47	-	-	-	-	-	-	-
-3.00	10.00	4.19	2.33	1.52	1.02	0.71	-	-	-	-	-	-	-	-
-4.00	10.00	4.32	2.30	1.46	0.99	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 140° - +/- 150° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2GU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.13	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.13	1.42	-	-	-	-	-	-	-	-	-
5.00	-	-	-	2.05	1.39	0.96	-	-	-	-	-	-	-	-
4.00	-	-	2.95	1.89	1.30	0.92	-	-	-	-	-	-	-	-
3.00	-	-	2.55	1.80	1.19	0.86	-	-	-	-	-	-	-	-
2.00	-	4.83	2.29	1.50	1.11	0.80	0.57	-	-	-	-	-	-	-
1.00	-	4.77	2.24	1.36	0.99	0.75	0.54	-	-	-	-	-	-	-
0.00	-	-	2.17	1.29	0.93	0.71	-	-	-	-	-	-	-	-
-1.00	-	4.30	2.09	1.27	0.91	0.69	-	-	-	-	-	-	-	-
-2.00	-	4.08	2.02	1.28	0.92	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.99	2.08	1.35	0.99	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.14	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.15	1.45	-	-	-	-	-	-	-	-	-
5.00	-	-	-	2.10	1.48	0.96	-	-	-	-	-	-	-	-
4.00	-	-	3.07	2.03	1.47	0.98	-	-	-	-	-	-	-	-
3.00	-	-	2.90	1.97	1.45	0.96	-	-	-	-	-	-	-	-
2.00	-	5.00	2.86	1.94	1.41	0.92	0.57	-	-	-	-	-	-	-
1.00	-	4.84	2.82	1.87	1.32	0.86	0.54	-	-	-	-	-	-	-
0.00	-	-	2.58	1.66	1.22	0.80	-	-	-	-	-	-	-	-
-1.00	-	4.34	2.45	1.57	1.10	0.74	-	-	-	-	-	-	-	-
-2.00	-	4.31	2.40	1.49	1.02	-	-	-	-	-	-	-	-	-
-3.00	5.00	4.43	2.33	1.43	1.00	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 140° - +/- 150° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point	2GU



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.27	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	3.13	1.99a	1.51	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.12	1.33	1.05	-	-	-	-	-	-	-	-
6.00	-	-	-	2.16	1.41	0.95	-	-	-	-	-	-	-	-
5.00	-	-	-	2.11	1.42	0.95	0.73	-	-	-	-	-	-	-
4.00	-	-	3.10	1.96	1.35	0.95	0.65	-	-	-	-	-	-	-
3.00	-	3.08k	2.67	1.78	1.26	0.90	0.61	-	-	-	-	-	-	-
2.00	-	3.60k	2.29	1.56	1.14	0.84	0.61	0.45	-	-	-	-	-	-
1.00	3.07a	3.55k	2.04	1.39	1.03	0.78	0.57	0.43	-	-	-	-	-	-
0.00	2.83a	3.19a	1.91	1.29	0.95	0.72	0.54	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	1.87	1.25	0.91	0.70	0.54	-	-	-	-	-	-	-
-2.00	3.49a	3.45	1.87	1.24	0.91	0.70	0.58	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	1.93	1.27	0.93	0.74	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	2.03	1.35	1.01	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.27	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	3.13	2.28	1.54	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.22	1.66	1.11	-	-	-	-	-	-	-	-
6.00	-	-	-	2.23	1.66	1.19	-	-	-	-	-	-	-	-
5.00	-	-	-	2.23	1.63	1.21	0.82	-	-	-	-	-	-	-
4.00	-	-	3.19	2.21	1.59	1.20	0.83	-	-	-	-	-	-	-
3.00	-	5.41	3.15	2.11	1.54	1.18	0.82	-	-	-	-	-	-	-
2.00	-	5.16	2.99	2.04	1.50	1.16	0.79	0.47	-	-	-	-	-	-
1.00	5.48a	5.19	2.95	2.01	1.49	1.10	0.75	0.44	-	-	-	-	-	-
0.00	5.72a	4.89	2.84	1.92	1.39	1.03	0.70	-	-	-	-	-	-	-
-1.00	6.80a	4.52	2.61	1.78	1.30	0.95	0.65	-	-	-	-	-	-	-
-2.00	10.00	4.45	2.50	1.70	1.25	0.86	0.61	-	-	-	-	-	-	-
-3.00	10.00	4.60	2.57	1.69	1.16	0.82	-	-	-	-	-	-	-	-
-4.00	10.00	4.73	2.54	1.63	1.12	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 150° - +/- 160° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2HU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.34	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.34	1.60	-	-	-	-	-	-	-	-	-
5.00	-	-	-	2.26	1.57	1.11	-	-	-	-	-	-	-	-
4.00	-	-	3.21	2.11	1.48	1.08	-	-	-	-	-	-	-	-
3.00	-	-	2.83	2.02	1.38	1.02	-	-	-	-	-	-	-	-
2.00	-	5.00	2.58	1.72	1.30	0.96	0.72	-	-	-	-	-	-	-
1.00	-	5.00	2.53	1.60	1.18	0.91	0.70	-	-	-	-	-	-	-
0.00	-	-	2.46	1.52	1.12	0.87	-	-	-	-	-	-	-	-
-1.00	-	4.65	2.38	1.50	1.11	0.85	-	-	-	-	-	-	-	-
-2.00	-	4.44	2.31	1.52	1.11	-	-	-	-	-	-	-	-	-
-3.00	5.00	4.36	2.37	1.58	1.18	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.35	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.36	1.63	-	-	-	-	-	-	-	-	-
5.00	-	-	-	2.31	1.66	1.12	-	-	-	-	-	-	-	-
4.00	-	-	3.32	2.25	1.64	1.13	-	-	-	-	-	-	-	-
3.00	-	-	3.17	2.19	1.63	1.12	-	-	-	-	-	-	-	-
2.00	-	5.00	3.12	2.15	1.59	1.08	0.72	-	-	-	-	-	-	-
1.00	-	5.00	3.08	2.09	1.51	1.02	0.70	-	-	-	-	-	-	-
0.00	-	-	2.85	1.88	1.41	0.96	-	-	-	-	-	-	-	-
-1.00	-	4.69	2.73	1.80	1.28	0.90	-	-	-	-	-	-	-	-
-2.00	-	4.66	2.68	1.71	1.21	-	-	-	-	-	-	-	-	-
-3.00	5.00	4.76	2.62	1.66	1.19	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 150° - +/- 160° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2HU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.52	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	3.39	1.99a	1.69	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.33	1.51	1.21	-	-	-	-	-	-	-	-
6.00	-	-	-	2.37	1.59	1.10	-	-	-	-	-	-	-	-
5.00	-	-	-	2.33	1.60	1.11	0.87	-	-	-	-	-	-	-
4.00	-	-	3.36	2.18	1.53	1.10	0.79	-	-	-	-	-	-	-
3.00	-	3.08k	2.94	2.00	1.44	1.06	0.75	-	-	-	-	-	-	-
2.00	-	3.60k	2.58	1.79	1.32	1.00	0.75	0.62	-	-	-	-	-	-
1.00	3.07a	3.55k	2.34	1.62	1.22	0.93	0.72	0.61	-	-	-	-	-	-
0.00	2.83a	3.19a	2.21	1.53	1.14	0.88	0.70	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	2.17	1.48	1.10	0.86	0.70	-	-	-	-	-	-	-
-2.00	3.49a	3.85	2.18	1.48	1.10	0.86	0.73	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	2.23	1.51	1.12	0.90	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	2.33	1.58	1.20	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.52	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	3.39	2.45	1.72	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.43	1.83	1.26	-	-	-	-	-	-	-	-
6.00	-	-	-	2.44	1.83	1.34	-	-	-	-	-	-	-	-
5.00	-	-	-	2.44	1.81	1.36	0.95	-	-	-	-	-	-	-
4.00	-	-	3.44	2.42	1.77	1.35	0.96	-	-	-	-	-	-	-
3.00	-	5.68	3.40	2.32	1.72	1.33	0.96	-	-	-	-	-	-	-
2.00	-	5.45	3.25	2.25	1.68	1.32	0.93	0.63	-	-	-	-	-	-
1.00	5.48a	5.48	3.21	2.23	1.67	1.25	0.88	0.61	-	-	-	-	-	-
0.00	5.72a	5.19	3.10	2.14	1.57	1.19	0.83	-	-	-	-	-	-	-
-1.00	6.80a	4.85	2.88	2.00	1.48	1.10	0.78	-	-	-	-	-	-	-
-2.00	10.00	4.79	2.78	1.92	1.43	1.02	0.75	-	-	-	-	-	-	-
-3.00	10.00	4.93	2.85	1.92	1.34	0.98	-	-	-	-	-	-	-	-
-4.00	10.00	5.05	2.82	1.86	1.31	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 160° - +/- 180° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2IU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.75	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.76	1.92	-	-	-	-	-	-	-	-	-
5.00	-	-	-	2.68	1.89	1.37	-	-	-	-	-	-	-	-
4.00	-	-	3.78	2.52	1.80	1.34	-	-	-	-	-	-	-	-
3.00	-	-	3.40	2.43	1.70	1.28	-	-	-	-	-	-	-	-
2.00	-	5.00	3.16	2.14	1.62	1.22	0.94	-	-	-	-	-	-	-
1.00	-	5.00	3.10	2.01	1.50	1.17	0.92	-	-	-	-	-	-	-
0.00	-	-	3.04	1.94	1.45	1.13	-	-	-	-	-	-	-	-
-1.00	-	5.00	2.96	1.91	1.43	1.11	-	-	-	-	-	-	-	-
-2.00	-	5.00	2.89	1.93	1.43	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	2.95	1.99	1.50	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.76	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	2.77	1.95	-	-	-	-	-	-	-	-	-
5.00	-	-	-	2.72	1.98	1.38	-	-	-	-	-	-	-	-
4.00	-	-	3.90	2.66	1.96	1.39	-	-	-	-	-	-	-	-
3.00	-	-	3.74	2.60	1.95	1.38	-	-	-	-	-	-	-	-
2.00	-	5.00	3.70	2.56	1.91	1.34	0.94	-	-	-	-	-	-	-
1.00	-	5.00	3.66	2.50	1.83	1.28	0.92	-	-	-	-	-	-	-
0.00	-	-	3.43	2.29	1.73	1.22	-	-	-	-	-	-	-	-
-1.00	-	5.00	3.31	2.21	1.61	1.16	-	-	-	-	-	-	-	-
-2.00	-	5.00	3.26	2.13	1.53	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	3.19	2.07	1.51	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 160° - +/- 180° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2IU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	3.96	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.74	1.66a	1.47	-	-	-	-	-	-	-	-
6.00	-	-	-	2.79	1.85a	1.36	-	-	-	-	-	-	-	-
5.00	-	-	-	2.74	1.92	1.35a	1.09	-	-	-	-	-	-	-
4.00	-	-	3.93	2.59	1.85	1.37	1.01	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.41	1.76	1.32	0.97	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.20	1.64	1.26	0.97	0.81	-	-	-	-	-	-
1.00	3.07a	3.55k	2.92	2.03	1.54	1.20	0.94	0.80	-	-	-	-	-	-
0.00	2.83a	3.19a	2.79	1.94	1.46	1.14	0.92	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	2.75	1.89	1.42	1.12	0.92	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	2.75	1.89	1.42	1.13	0.95	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	2.80	1.92	1.44	1.16	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	2.91	2.00	1.52	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	3.96	2.86	2.04	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.84	2.15	1.53	-	-	-	-	-	-	-	-
6.00	-	-	-	2.85	2.15	1.60	-	-	-	-	-	-	-	-
5.00	-	-	-	2.85	2.13	1.62	1.17	-	-	-	-	-	-	-
4.00	-	-	4.01	2.83	2.09	1.61	1.18	-	-	-	-	-	-	-
3.00	-	6.64	3.98	2.74	2.04	1.60	1.18	-	-	-	-	-	-	-
2.00	-	6.40	3.83	2.66	2.00	1.58	1.15	0.83	-	-	-	-	-	-
1.00	5.48a	6.39	3.79	2.64	1.99	1.52	1.10	0.81	-	-	-	-	-	-
0.00	5.72a	6.15	3.68	2.55	1.89	1.45	1.05	-	-	-	-	-	-	-
-1.00	6.80a	5.80	3.46	2.41	1.80	1.36	1.00	-	-	-	-	-	-	-
-2.00	10.00	5.74	3.36	2.33	1.75	1.28	0.97	-	-	-	-	-	-	-
-3.00	10.00	5.88	3.43	2.33	1.66	1.24	-	-	-	-	-	-	-	-
-4.00	10.00	6.00	3.39	2.27	1.63	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2AL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.43a	2.23a	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.27b	2.06a	2.29a	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.24b	2.17a	2.29a	2.19a	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.52b	2.21b	2.08a	2.39a	2.31a	-	-	-	-
2.00	5.00	4.98b	4.03b	3.98b	2.87b	2.50b	2.32r	2.45a	2.45a	2.15a	2.40a	-	-	-
1.00	5.00	4.75r	3.77r	3.55r	2.96r	2.68r	2.46r	2.76a	2.72a	2.89a	2.06a	-	-	-
0.00	-	5.00	5.00	4.14r	4.73r	3.21r	3.23r	2.69a	2.88a	2.64a	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	4.19r	4.31b	3.54a	3.20a	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	4.85b	4.30b	3.81b	3.38b	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.34b	3.82b	3.33b	2.78b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.38b	3.32b	2.62a	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.73b	3.52b	3.39b	3.26b	2.91a	-	-	-	-	-
4.00	-	-	5.00	4.67b	4.25b	3.85b	3.62b	3.38b	3.23b	2.87a	-	-	-	-
3.00	-	5.00	5.00	5.00	4.20b	4.32b	3.94b	3.62b	3.40b	3.19b	-	-	-	-
2.00	5.00	5.00	5.00	5.00	5.00	4.75b	4.13b	3.85b	3.54b	3.29b	2.40a	-	-	-
1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.45b	4.00b	3.64b	3.34b	2.06a	-	-	-
0.00	-	5.00	5.00	5.00	5.00	5.00	4.50b	4.04b	3.68b	3.33b	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.59b	4.13b	3.59b	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	5.00	5.00	4.46b	3.67b	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	5.00	4.96b	4.04b	2.89b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 27 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2AL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.59a	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.43a	1.44a	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.31a	1.34a	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.28b	1.79a	1.41a	1.38a	1.39a	1.31a	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.56b	2.24b	1.94a	1.58a	1.35a	1.35a	1.40a	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.89b	2.51b	2.21r	1.79a	1.64a	1.44a	1.42a	1.33a	1.32a	-
1.00	3.55k	3.05k	3.05k	3.07k	2.73r	2.42r	2.19r	2.03a	1.67a	1.50a	1.53a	1.40a	1.45a	-
0.00	3.19a	3.44k	2.99k	3.14k	2.98r	2.67r	2.46r	2.14a	1.79a	1.69a	1.64a	1.49a	-	-
-1.00	3.07a	3.64a	3.17k	3.09k	3.06k	3.12k	2.89r	2.17a	1.89a	1.87a	1.67a	1.59a	-	-
-2.00	3.87k	3.31k	3.09k	3.08k	3.10k	3.12k	2.61a	2.27a	2.17a	1.93a	1.80a	-	-	-
-3.00	3.17k	3.17k	3.13k	3.25k	3.34k	3.52k	2.86b	2.56b	2.27a	2.10a	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.86k	3.60b	3.15b	2.81b	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.77b	3.16a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.49b	3.45b	2.98a	2.04a	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.28b	3.31b	3.09a	2.49a	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.52b	3.38b	3.25b	3.18b	3.05b	2.52a	-	-	-
4.00	-	5.05k	4.61b	4.70b	4.26b	3.83b	3.63b	3.40b	3.24b	3.13b	2.95b	2.28a	-	-
3.00	7.44b	6.88b	5.76b	5.01k	4.89b	4.36b	3.94b	3.65b	3.40b	3.21b	3.06b	2.77a	-	-
2.00	8.03b	7.85b	6.83b	5.75b	5.37b	4.78b	4.29b	3.90b	3.57b	3.32b	3.10b	2.88b	1.80a	-
1.00	8.20b	8.10b	7.49b	6.38b	5.79b	5.08b	4.51b	4.05b	3.70b	3.39b	3.13b	2.89b	1.70a	-
0.00	9.31b	9.05b	7.94b	6.82b	5.87b	5.15b	4.57b	4.11b	3.75b	3.44b	3.15b	2.88b	-	-
-1.00	10.00	10.00	8.24b	6.92b	5.96b	5.22b	4.69b	4.23b	3.82b	3.46b	3.12b	2.20a	-	-
-2.00	10.00	10.00	8.49b	7.18b	6.23b	5.43b	4.79b	4.25b	3.79b	3.30b	2.68b	-	-	-
-3.00	10.00	10.00	8.62b	7.23b	6.21b	5.39b	4.65b	3.97b	3.26b	2.10a	-	-	-	-
-4.00	10.00	10.00	8.12b	6.69b	5.47b	4.39b	3.44b	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 28 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° - +/- 30° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2BL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.43a	2.23a	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.27b	2.06a	2.29a	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.24b	2.17a	2.29a	2.19a	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.52b	2.21b	2.08a	2.39a	2.31a	-	-	-	-
2.00	5.00	4.98b	4.03b	3.98b	2.87b	2.50b	2.32r	2.45a	2.45a	2.15a	2.40a	-	-	-
1.00	5.00	4.75r	3.77r	3.55r	2.96r	2.68r	2.46r	2.76a	2.72a	2.89a	2.06a	-	-	-
0.00	-	5.00	5.00	4.14r	4.73r	3.21r	3.23r	2.69a	2.88a	2.64a	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	4.19r	4.31b	3.54a	3.20a	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	4.85b	4.30b	3.81b	3.38b	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.34b	3.82b	3.33b	2.78b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.38b	3.32b	2.62a	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.73b	3.52b	3.39b	3.26b	2.91a	-	-	-	-	-
4.00	-	-	5.00	4.67b	4.25b	3.85b	3.62b	3.38b	3.23b	2.87a	-	-	-	-
3.00	-	5.00	5.00	5.00	4.20b	4.32b	3.94b	3.62b	3.40b	3.19b	-	-	-	-
2.00	5.00	5.00	5.00	5.00	5.00	4.75b	4.13b	3.85b	3.54b	3.29b	2.40a	-	-	-
1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.45b	4.00b	3.64b	3.34b	2.06a	-	-	-
0.00	-	5.00	5.00	5.00	5.00	5.00	4.50b	4.04b	3.68b	3.33b	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.59b	4.13b	3.59b	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	5.00	5.00	4.46b	3.67b	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	5.00	4.96b	4.04b	2.89b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° - +/- 30° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2BL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.59a	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.43a	1.44a	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.31a	1.34a	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.28b	1.79a	1.41a	1.38a	1.39a	1.31a	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.56b	2.24b	1.94a	1.58a	1.35a	1.35a	1.40a	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.89b	2.51b	2.21r	1.79a	1.64a	1.44a	1.42a	1.33a	1.32a	-
1.00	3.55k	3.05k	3.05k	3.07k	2.73r	2.42r	2.19r	2.03a	1.67a	1.50a	1.53a	1.40a	1.45a	-
0.00	3.19a	3.44k	2.99k	3.14k	2.98r	2.67r	2.46r	2.14a	1.79a	1.69a	1.64a	1.49a	-	-
-1.00	3.07a	3.64a	3.17k	3.09k	3.06k	3.12k	2.89r	2.17a	1.89a	1.87a	1.67a	1.59a	-	-
-2.00	3.87k	3.31k	3.09k	3.08k	3.10k	3.12k	2.61a	2.27a	2.17a	1.93a	1.80a	-	-	-
-3.00	3.17k	3.17k	3.13k	3.25k	3.34k	3.52k	2.86b	2.56b	2.27a	2.10a	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.86k	3.60b	3.15b	2.81b	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.77b	3.16a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.49b	3.45b	2.98a	2.04a	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.28b	3.31b	3.09a	2.49a	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.52b	3.38b	3.25b	3.18b	3.05b	2.52a	-	-	-
4.00	-	5.05k	4.61b	4.70b	4.26b	3.83b	3.63b	3.40b	3.24b	3.13b	2.95b	2.28a	-	-
3.00	7.44b	6.88b	5.76b	5.01k	4.89b	4.36b	3.94b	3.65b	3.40b	3.21b	3.06b	2.77a	-	-
2.00	8.03b	7.85b	6.83b	5.75b	5.37b	4.78b	4.29b	3.90b	3.57b	3.32b	3.10b	2.88b	1.80a	-
1.00	8.20b	8.10b	7.49b	6.38b	5.79b	5.08b	4.51b	4.05b	3.70b	3.39b	3.13b	2.89b	1.70a	-
0.00	9.31b	9.05b	7.94b	6.82b	5.87b	5.15b	4.57b	4.11b	3.75b	3.44b	3.15b	2.88b	-	-
-1.00	10.00	10.00	8.24b	6.92b	5.96b	5.22b	4.69b	4.23b	3.82b	3.46b	3.12b	2.20a	-	-
-2.00	10.00	10.00	8.49b	7.18b	6.23b	5.43b	4.79b	4.25b	3.79b	3.30b	2.68b	-	-	-
-3.00	10.00	10.00	8.62b	7.23b	6.21b	5.39b	4.65b	3.97b	3.26b	2.10a	-	-	-	-
-4.00	10.00	10.00	8.12b	6.69b	5.47b	4.39b	3.44b	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 30 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 30° - +/- 40° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2CL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	2.29a	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.24b	2.29a	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	2.21b	2.39a	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.87b	2.32r	2.45a	2.40a	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.96r	2.46r	2.72a	2.06a	-	-	-	-	-	-	-
0.00	-	-	5.00	4.73r	3.23r	2.88a	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	5.00	3.70	2.90	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	4.85b	3.71	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.82b	2.78b	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	3.32b	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.73b	3.39b	2.91a	-	-	-	-	-	-	-	-
4.00	-	-	5.00	4.25b	3.62b	3.18	-	-	-	-	-	-	-	-
3.00	-	-	5.00	4.20b	3.94b	3.15	-	-	-	-	-	-	-	-
2.00	-	5.00	5.00	5.00	3.98	3.15	2.40a	-	-	-	-	-	-	-
1.00	-	5.00	5.00	5.00	3.97	3.09	2.06a	-	-	-	-	-	-	-
0.00	-	-	5.00	5.00	4.01	3.01	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	5.00	3.93	2.96	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	5.00	3.83	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.96b	2.89b	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 30° - +/- 40° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2CL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.28b	1.41a	1.39a	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.35a	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.89b	2.21r	1.64a	1.42a	1.32a	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.73r	2.19r	1.67a	1.53a	1.45a	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.98r	2.46r	1.79a	1.64a	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	3.06k	2.89r	1.89a	1.67a	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	3.10k	2.61a	2.17a	1.80a	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	3.34k	2.86b	2.27a	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	3.60b	2.81b	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.77b	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	3.45b	2.04a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	3.28b	3.09a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.67b	3.38b	3.18b	2.52a	-	-	-	-	-	-	-
4.00	-	-	4.61b	4.26b	3.63b	3.22	2.67	-	-	-	-	-	-	-
3.00	-	7.44b	5.76b	4.89b	3.94b	3.23	2.65	-	-	-	-	-	-	-
2.00	-	8.03b	6.83b	5.37b	4.07b	3.21	2.63	1.80a	-	-	-	-	-	-
1.00	5.48a	8.20b	7.49b	5.42	4.04b	3.22r	2.58a	1.70a	-	-	-	-	-	-
0.00	5.72a	9.31b	7.94b	5.46	4.09r	3.22r	2.53	-	-	-	-	-	-	-
-1.00	6.80a	10.00	8.22b	5.54	4.08	3.16	2.47	-	-	-	-	-	-	-
-2.00	10.00	10.00	8.46	5.58	4.08r	3.08	2.44	-	-	-	-	-	-	-
-3.00	10.00	10.00	8.56	5.54	3.97	3.03	-	-	-	-	-	-	-	-
-4.00	10.00	10.00	8.12b	5.40	3.44b	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 40° - +/- 50° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2DL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.43a	2.23a	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.27b	2.06a	2.29a	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.24b	2.17a	2.29a	2.09	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.52b	2.21b	2.08a	2.36	2.04	-	-	-	-
2.00	5.00	4.98b	4.03b	3.98b	2.87b	2.50b	2.32r	2.45a	2.27	1.98	1.73	-	-	-
1.00	5.00	4.75r	3.77r	3.55r	2.96r	2.68r	2.46r	2.53	2.20	1.93	1.70	-	-	-
0.00	-	5.00	5.00	4.14r	4.19	3.21r	2.87	2.51	2.15	1.88	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	4.15	3.38	2.84	2.47	2.12	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	4.18	3.40	2.85	2.46	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.34b	3.82b	3.33b	2.78b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.38b	3.32b	2.62a	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.73b	3.52b	3.39b	2.98	2.49	-	-	-	-	-
4.00	-	-	5.00	4.67b	4.25b	3.85b	3.43b	2.95	2.50	2.10	-	-	-	-
3.00	-	5.00	5.00	5.00	4.20b	3.98b	3.38b	2.92	2.48	2.09	-	-	-	-
2.00	5.00	5.00	5.00	5.00	4.74	3.94b	3.35b	2.92	2.44	2.05	1.73	-	-	-
1.00	5.00	5.00	5.00	5.00	4.73	3.94b	3.34	2.82	2.36	1.98	1.70	-	-	-
0.00	-	5.00	5.00	5.00	4.75	3.90	3.26	2.70	2.27	1.93	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	4.64	3.85	3.11	2.60	2.19	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	4.50	3.67	3.00	2.52	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	5.00	4.41	3.58	2.89b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 40° - +/- 50° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2DL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.59a	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.43a	1.44a	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.31a	1.34a	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.28b	1.79a	1.41a	1.38a	1.39a	1.31a	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.56b	2.24b	1.94a	1.58a	1.35a	1.35a	1.40a	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.89b	2.51b	2.21r	1.79a	1.64a	1.44a	1.42a	1.33a	1.32a	-
1.00	3.55k	3.05k	3.05k	3.07k	2.73r	2.42r	2.19r	2.03a	1.67a	1.50a	1.53a	1.40a	1.44	-
0.00	3.19a	3.44k	2.99k	3.14k	2.98r	2.67r	2.46r	2.14a	1.79a	1.69a	1.64a	1.49a	-	-
-1.00	3.07a	3.64a	3.17k	3.09k	3.06k	3.12k	2.83	2.17a	1.89a	1.87a	1.67a	1.57	-	-
-2.00	3.87k	3.31k	3.09k	3.08k	3.10k	3.12k	2.61a	2.27a	2.14	1.91	1.74	-	-	-
-3.00	3.17k	3.17k	3.13k	3.25k	3.34k	3.40	2.86b	2.48	2.19	1.98	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.86k	3.60b	3.15b	2.81b	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.77b	3.16a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.49b	3.45b	2.98a	2.04a	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.28b	3.05	2.73	2.33	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.52b	3.38b	3.06	2.73	2.38	2.03	-	-	-
4.00	-	5.05k	4.61b	4.70b	4.26b	3.83b	3.52	3.08	2.70	2.38	2.04	1.75	-	-
3.00	7.44b	6.88b	5.76b	5.01k	4.89b	4.12b	3.52	3.03	2.65	2.36	2.03	1.74	-	-
2.00	8.03b	7.85b	6.83b	5.75b	4.88	4.05b	3.45	2.98	2.63	2.34	1.99	1.71	1.47	-
1.00	8.20b	8.10b	7.49b	6.03b	4.83	4.02b	3.43	2.98	2.62	2.27	1.94	1.67	1.45	-
0.00	9.31b	9.05b	7.94b	6.09b	4.89r	4.03b	3.42	2.94r	2.56r	2.18	1.87	1.62	-	-
-1.00	10.00	10.00	8.14b	6.18	4.85	3.98	3.36	2.89	2.45	2.10	1.81	1.58	-	-
-2.00	10.00	10.00	8.46	6.17	4.83	3.95	3.31	2.77	2.35	2.03	1.76	-	-	-
-3.00	10.00	10.00	8.55	6.20	4.80	3.85	3.18	2.68	2.30	1.98	-	-	-	-
-4.00	10.00	10.00	8.12b	6.06	4.69	3.79	3.13	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 34 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 50° - +/- 120°
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2EL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.43a	2.23a	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.27b	2.06a	1.89	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.24b	2.17a	1.84	1.50	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.52b	2.21b	2.08a	1.73	1.45	-	-	-	-
2.00	5.00	4.98b	4.03b	3.98b	2.87b	2.50b	2.32r	1.94	1.63	1.36	1.14	-	-	-
1.00	5.00	4.75r	3.77r	3.55r	2.96r	2.62	2.17	1.82	1.53	1.30	1.10	-	-	-
0.00	-	5.00	5.00	3.89	3.05	2.50	2.06	1.79	1.47	1.25	-	-	-	-
-1.00	5.00	5.00	5.00	3.80	3.01	2.45	2.03	1.75	1.44	-	-	-	-	-
-2.00	5.00	5.00	5.00	3.84	3.04	2.47	2.04	1.73	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.97	3.14	2.58	2.16	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.38b	2.94	2.33	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.73b	3.48	2.92	2.41	1.91	-	-	-	-	-
4.00	-	-	5.00	4.67b	4.09	3.39	2.87	2.43	1.93	1.52	-	-	-	-
3.00	-	5.00	5.00	4.89	3.96	3.31b	2.82	2.40	1.90	1.50	-	-	-	-
2.00	5.00	5.00	5.00	4.79	3.76	3.27	2.80	2.32	1.84	1.46	1.14	-	-	-
1.00	5.00	5.00	5.00	4.79	3.76	3.22	2.71	2.19	1.74	1.37	1.10	-	-	-
0.00	-	5.00	5.00	4.70	3.67	3.12	2.58	2.05	1.63	1.30	-	-	-	-
-1.00	5.00	5.00	5.00	4.56	3.53	2.99	2.35	1.90	1.53	-	-	-	-	-
-2.00	5.00	5.00	5.00	4.41	3.38	2.79	2.22	1.80	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.25	3.28	2.69	2.18	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 50° - +/- 120°
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2EL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.59a	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.43a	1.44a	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.31a	1.34a	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.28b	1.79a	1.41a	1.38a	1.25	1.12	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.56b	2.24b	1.94a	1.58a	1.35a	1.18	1.06	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.89b	2.51b	2.21r	1.79a	1.64a	1.43	1.18	1.01	0.91	-
1.00	3.55k	3.05k	3.05k	3.07k	2.73r	2.42r	2.19r	1.87	1.59	1.35	1.14	1.00	0.89	-
0.00	3.19a	3.44k	2.99k	3.14k	2.98r	2.51	2.10	1.75	1.49	1.27	1.10	0.99	-	-
-1.00	3.07a	3.64a	3.17k	3.09k	2.98	2.43	2.02	1.70	1.45	1.25	1.10	1.00	-	-
-2.00	3.87k	3.31k	3.09k	3.08k	2.97	2.43	2.01	1.70	1.46	1.28	1.15	-	-	-
-3.00	3.17k	3.17k	3.13k	3.25k	3.02	2.48	2.06	1.75	1.52	1.37	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.86k	3.15	2.61	2.20	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.77b	3.16a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.49b	3.05	2.68	2.04a	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.04	2.72	2.28	1.84	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.52b	3.06	2.70	2.28	1.90	1.53	-	-	-
4.00	-	5.05k	4.61b	4.70b	4.18	3.55	3.06	2.63	2.25	1.92	1.55	1.23	-	-
3.00	7.44b	6.88b	5.76b	4.97b	4.19	3.49	2.97	2.56	2.21	1.88	1.52	1.22	-	-
2.00	8.03b	7.85b	6.28	4.97b	4.04	3.39b	2.90	2.51	2.20	1.84	1.48	1.19	0.94	-
1.00	8.20b	8.10b	6.31	4.94b	4.00	3.37b	2.88	2.50	2.12r	1.75	1.41	1.13	0.90	-
0.00	9.31b	8.83	6.34	4.90	3.97	3.31	2.81	2.39r	2.03	1.64	1.32	1.07	-	-
-1.00	10.00	8.91	6.26	4.79	3.86	3.21	2.71	2.28	1.88	1.52	1.24	1.02	-	-
-2.00	10.00	8.78	6.12	4.66	3.73	3.10	2.62	2.13	1.73	1.43	1.18	-	-	-
-3.00	10.00	9.00	6.25	4.71	3.73	3.00	2.45	2.01	1.66	1.37	-	-	-	-
-4.00	10.00	8.94	6.18	4.60	3.63	2.93	2.39	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 120° - +/- 140° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2FL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.43a	2.23a	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.27b	2.06a	2.10	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.24b	2.17a	2.04	1.69	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.52b	2.21b	2.08a	1.93	1.63	-	-	-	-
2.00	5.00	4.98b	4.03b	3.98b	2.87b	2.50b	2.32r	2.17	1.83	1.55	1.31	-	-	-
1.00	5.00	4.75r	3.77r	3.55r	2.96r	2.68r	2.42	2.04	1.74	1.48	1.26	-	-	-
0.00	-	5.00	5.00	4.14r	3.37	2.79	2.32	2.02	1.67	1.43	-	-	-	-
-1.00	5.00	5.00	5.00	4.19	3.33	2.75	2.28	1.97	1.65	-	-	-	-	-
-2.00	5.00	5.00	5.00	4.23	3.36	2.76	2.30	1.96	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.34b	3.46	2.86	2.42	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.38b	3.15	2.56	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.73b	3.52b	3.12b	2.63	2.11	-	-	-	-	-
4.00	-	-	5.00	4.67b	4.25b	3.61	3.07	2.63	2.13	1.70	-	-	-	-
3.00	-	5.00	5.00	5.00	4.20b	3.52	3.01	2.61	2.10	1.68	-	-	-	-
2.00	5.00	5.00	5.00	5.00	4.08	3.48	2.99	2.53	2.04	1.64	1.31	-	-	-
1.00	5.00	5.00	5.00	5.00	4.08	3.46	2.92	2.42	1.94	1.55	1.26	-	-	-
0.00	-	5.00	5.00	5.00	3.98	3.37	2.82	2.28	1.83	1.48	-	-	-	-
-1.00	5.00	5.00	5.00	4.95	3.85	3.25	2.61	2.13	1.73	-	-	-	-	-
-2.00	5.00	5.00	5.00	4.80	3.70	3.06	2.48	2.03	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.64	3.60	2.96	2.44	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 120° - +/- 140° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2FL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.59a	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.43a	1.44a	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.31a	1.34a	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.28b	1.79a	1.41a	1.38a	1.39a	1.27	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.56b	2.24b	1.94a	1.58a	1.35a	1.35a	1.21	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.89b	2.51b	2.21r	1.79a	1.64a	1.44a	1.35	1.17	1.06	-
1.00	3.55k	3.05k	3.05k	3.07k	2.73r	2.42r	2.19r	2.03a	1.67a	1.50a	1.30	1.15	1.04	-
0.00	3.19a	3.44k	2.99k	3.14k	2.98r	2.67r	2.35	1.98	1.69	1.46	1.27	1.14	-	-
-1.00	3.07a	3.64a	3.17k	3.09k	3.06k	2.73	2.28	1.92	1.65	1.43	1.27	1.15	-	-
-2.00	3.87k	3.31k	3.09k	3.08k	3.10k	2.72	2.27	1.93	1.66	1.46	1.32	-	-	-
-3.00	3.17k	3.17k	3.13k	3.25k	3.34	2.77	2.32	1.98	1.73	1.55	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.86k	3.47	2.89	2.45	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.77b	3.16a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.49b	3.21b	2.84	2.04a	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.20b	2.83	2.47	2.01	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.52b	3.22b	2.84	2.46	2.07a	1.69	-	-	-
4.00	-	5.05k	4.61b	4.70b	4.26b	3.74b	3.23b	2.80	2.42	2.08	1.71	1.39	-	-
3.00	7.44b	6.88b	5.76b	5.01k	4.39	3.71b	3.16b	2.73	2.37	2.06	1.69	1.38	-	-
2.00	8.03b	7.85b	6.62b	5.24b	4.28	3.62	3.10b	2.68	2.35	2.01	1.65	1.35	1.08	-
1.00	8.20b	8.10b	6.65b	5.21b	4.24b	3.59	3.08	2.68	2.31	1.93	1.58	1.29	1.05	-
0.00	9.31b	9.05b	6.77r	5.21r	4.23	3.55	3.02	2.59	2.22	1.82	1.49	1.23	-	-
-1.00	10.00	9.57	6.73	5.15	4.15	3.45r	2.94	2.51	2.06	1.71	1.41	1.17	-	-
-2.00	10.00	9.49	6.62	5.04	4.05	3.36	2.86	2.35a	1.94	1.61	1.35	-	-	-
-3.00	10.00	9.68	6.75	5.10	4.05	3.27	2.71	2.24	1.87	1.55	-	-	-	-
-4.00	10.00	9.65	6.67	4.98	3.94	3.20	2.65	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 140° - +/- 150° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2GL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.43a	2.23a	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.27b	2.06a	2.25	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.24b	2.17a	2.19	1.82	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.52b	2.21b	2.08a	2.08	1.76	-	-	-	-
2.00	5.00	4.98b	4.03b	3.98b	2.87b	2.50b	2.32r	2.34	1.98	1.68	1.43	-	-	-
1.00	5.00	4.75r	3.77r	3.55r	2.96r	2.68r	2.46r	2.21	1.89	1.62	1.39	-	-	-
0.00	-	5.00	5.00	4.14r	3.60	2.99	2.51	2.19	1.82	1.57	-	-	-	-
-1.00	5.00	5.00	5.00	4.48	3.56	2.94	2.47	2.14	1.80	-	-	-	-	-
-2.00	5.00	5.00	5.00	4.52	3.59	2.96	2.49	2.12	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.34b	3.69	3.06	2.61	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.38b	3.31	2.62a	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.73b	3.52b	3.27	2.79	2.26	-	-	-	-	-
4.00	-	-	5.00	4.67b	4.25b	3.77	3.20	2.77b	2.28	1.84	-	-	-	-
3.00	-	5.00	5.00	5.00	4.20b	3.68	3.14	2.74	2.25	1.82	-	-	-	-
2.00	5.00	5.00	5.00	5.00	4.31	3.63	3.12	2.70	2.19	1.77	1.43	-	-	-
1.00	5.00	5.00	5.00	5.00	4.31	3.64	3.08	2.59	2.09	1.69	1.39	-	-	-
0.00	-	5.00	5.00	5.00	4.22	3.54	2.99	2.45	1.98	1.62	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	4.08	3.45	2.79	2.29	1.88	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	3.93	3.26	2.67	2.20	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.93	3.83	3.16	2.63	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 140° - +/- 150° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2GL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.59a	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.43a	1.44a	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.31a	1.34a	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.28b	1.79a	1.41a	1.38a	1.39a	1.31a	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.56b	2.24b	1.94a	1.58a	1.35a	1.35a	1.32	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.89b	2.51b	2.21r	1.79a	1.64a	1.44a	1.42a	1.28	1.16	-
1.00	3.55k	3.05k	3.05k	3.07k	2.73r	2.42r	2.19r	2.03a	1.67a	1.50a	1.43	1.26	1.14	-
0.00	3.19a	3.44k	2.99k	3.14k	2.98r	2.67r	2.46r	2.14a	1.79a	1.59	1.40	1.25	-	-
-1.00	3.07a	3.64a	3.17k	3.09k	3.06k	2.92	2.47	2.09	1.80	1.57	1.39	1.27	-	-
-2.00	3.87k	3.31k	3.09k	3.08k	3.10k	2.92	2.46	2.09	1.81	1.59	1.44	-	-	-
-3.00	3.17k	3.17k	3.13k	3.25k	3.34k	2.96	2.51	2.15	1.87	1.69	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.86k	3.60b	3.08	2.64	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.77b	3.16a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.49b	3.30	2.94	2.04a	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.28b	2.93	2.61b	2.15	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.52b	3.31	2.93	2.59b	2.20	1.81	-	-	-
4.00	-	5.05k	4.61b	4.70b	4.26b	3.83b	3.34	2.93	2.55	2.21b	1.82	1.50	-	-
3.00	7.44b	6.88b	5.76b	5.01k	4.58	3.86	3.30	2.86	2.50	2.20b	1.81	1.49	-	-
2.00	8.03b	7.85b	6.82	5.47	4.48	3.75	3.22	2.81	2.47	2.14	1.77	1.46	1.19	-
1.00	8.20b	8.10b	6.92b	5.43	4.44	3.72	3.21	2.81	2.43	2.05	1.70	1.40	1.15	-
0.00	9.31b	9.05b	7.03	5.47	4.43	3.72	3.17	2.74	2.36	1.95	1.61	1.34	-	-
-1.00	10.00	9.83	7.08	5.41	4.36	3.63r	3.10	2.67	2.21	1.84	1.53	1.28	-	-
-2.00	10.00	10.00	6.99	5.33	4.29	3.56	3.03	2.51	2.09	1.75	1.47	-	-	-
-3.00	10.00	10.00	7.12	5.38	4.27	3.47	2.88	2.40	2.02	1.69	-	-	-	-
-4.00	10.00	10.00	7.00	5.26	4.17	3.39	2.83	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
-------	--



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 150° - +/- 160° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2HL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	2.29a	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.24b	2.29a	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	2.21b	2.39a	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.87b	2.32r	2.42	1.88	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.96r	2.46r	2.34	1.85	-	-	-	-	-	-	-
0.00	-	-	5.00	3.79	2.91	2.29	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	3.76	2.88	2.27	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	3.78	2.89	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.82b	2.78b	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	3.32b	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.73b	3.39b	2.64	-	-	-	-	-	-	-	-
4.00	-	-	5.00	4.25b	3.40	2.66	-	-	-	-	-	-	-	-
3.00	-	-	5.00	4.20b	3.35	2.63	-	-	-	-	-	-	-	-
2.00	-	5.00	5.00	4.31	3.33	2.58	1.88	-	-	-	-	-	-	-
1.00	-	5.00	5.00	4.31	3.31	2.51	1.85	-	-	-	-	-	-	-
0.00	-	-	5.00	4.24	3.25	2.42	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	4.14	3.11	2.34	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	4.03	3.02	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.96	2.89b	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 150° - +/- 160° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2HL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.28b	1.41a	1.39a	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.35a	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.89b	2.21r	1.64a	1.42a	1.32a	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.73r	2.19r	1.67a	1.53a	1.45a	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.98r	2.46r	1.79a	1.64a	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	3.06k	2.88	1.89a	1.67a	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	3.10k	2.61a	2.17a	1.80a	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	3.34k	2.86b	2.27a	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	3.60b	2.81b	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.77b	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	3.45b	2.04a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	3.28b	2.84b	-	-	-	-	-	-	-	-
5.00	-	-	-	3.67b	3.38b	2.84b	2.20	-	-	-	-	-	-	-
4.00	-	-	4.61b	4.26b	3.49b	2.82b	2.22	-	-	-	-	-	-	-
3.00	-	7.44b	5.76b	4.51	3.47	2.77b	2.19	-	-	-	-	-	-	-
2.00	-	8.03b	6.14	4.43	3.41	2.74b	2.16	1.61	-	-	-	-	-	-
1.00	5.48a	8.20b	6.16	4.40	3.40	2.75	2.11	1.58	-	-	-	-	-	-
0.00	5.72a	9.31b	6.15r	4.40	3.38	2.70	2.03	-	-	-	-	-	-	-
-1.00	6.80a	9.76	6.09r	4.34	3.33	2.60	1.96	-	-	-	-	-	-	-
-2.00	10.00	9.69	6.00	4.29	3.29	2.50	1.92	-	-	-	-	-	-	-
-3.00	10.00	9.83	6.08	4.28	3.18	2.45	-	-	-	-	-	-	-	-
-4.00	10.00	9.99	6.03	4.20	3.14b	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 42 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 160° - +/- 180° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Aux Lift Point - 2IL	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	-	3.09b	2.27b	2.29a	-	-	-	-	-	-	-
4.00	-	-	-	4.29b	3.00b	2.24b	2.29a	-	-	-	-	-	-	-
3.00	-	-	-	4.33b	2.92b	2.21b	2.39a	-	-	-	-	-	-	-
2.00	-	-	5.00	4.03b	2.87b	2.32r	2.45a	2.18	-	-	-	-	-	-
1.00	-	-	5.00	3.77r	2.96r	2.46r	2.66	2.06a	-	-	-	-	-	-
0.00	-	-	-	5.00	4.12	3.22	2.61	-	-	-	-	-	-	-
-1.00	-	-	5.00	5.00	4.09	3.20	2.59	-	-	-	-	-	-	-
-2.00	-	-	5.00	5.00	4.11	3.21	-	-	-	-	-	-	-	-
-3.00	-	5.00	5.00	5.00	3.82b	2.78b	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.32b	-	-	-	-	-	-	-	-
5.00	-	-	-	-	3.73b	3.39b	2.91a	-	-	-	-	-	-	-
4.00	-	-	-	5.00	4.25b	3.62b	2.93	-	-	-	-	-	-	-
3.00	-	-	-	5.00	4.20b	3.60	2.91	-	-	-	-	-	-	-
2.00	-	-	5.00	5.00	4.56b	3.57	2.87	2.18	-	-	-	-	-	-
1.00	-	-	5.00	5.00	4.55b	3.58	2.80	2.06a	-	-	-	-	-	-
0.00	-	-	-	5.00	4.54	3.53	2.73	-	-	-	-	-	-	-
-1.00	-	-	5.00	5.00	4.44	3.42	2.66	-	-	-	-	-	-	-
-2.00	-	-	5.00	5.00	4.34	3.33	-	-	-	-	-	-	-	-
-3.00	-	5.00	5.00	5.00	4.27	2.89b	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 160° - +/- 180° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	RAIL	Hitch Lift Point - 2IL	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	3.54a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-
6.00	-	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-
5.00	-	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-
4.00	-	-	-	4.38b	3.00a	2.28b	1.41a	1.39a	-	-	-	-	-	-
3.00	-	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.35a	-	-	-	-	-	-
2.00	-	-	3.60k	3.04k	2.89b	2.21r	1.64a	1.42a	1.32a	-	-	-	-	-
1.00	-	3.07a	3.55k	3.05k	2.73r	2.19r	1.67a	1.53a	1.45a	-	-	-	-	-
0.00	3.09a	2.83a	3.19a	2.99k	2.98r	2.46r	1.79a	1.64a	-	-	-	-	-	-
-1.00	3.91a	2.68a	3.07a	3.17k	3.06k	2.89r	1.89a	1.67a	-	-	-	-	-	-
-2.00	4.01a	3.49a	3.87k	3.09k	3.10k	2.61a	2.17a	1.80a	-	-	-	-	-	-
-3.00	4.78r	4.38k	3.17k	3.13k	3.34k	2.86b	2.27a	-	-	-	-	-	-	-
-4.00	4.21k	3.84k	3.20k	3.31k	3.60b	2.81b	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	3.54a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	4.30a	3.77b	2.11a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.45b	2.04a	-	-	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.28b	3.02b	-	-	-	-	-	-	-
5.00	-	-	-	-	3.67b	3.38b	3.02b	2.46	-	-	-	-	-	-
4.00	-	-	-	4.61b	4.26b	3.63b	3.03b	2.48a	-	-	-	-	-	-
3.00	-	-	7.44b	5.76b	4.71	3.69	3.01b	2.47	-	-	-	-	-	-
2.00	-	-	8.03b	6.31	4.66	3.66	2.97b	2.43	1.80a	-	-	-	-	-
1.00	-	5.48a	8.20b	6.33	4.63	3.64	2.98b	2.38	1.70a	-	-	-	-	-
0.00	3.23a	5.72a	9.31b	6.34	4.66	3.64	2.95	2.31	-	-	-	-	-	-
-1.00	4.97a	6.80a	9.53	6.30	4.61	3.60	2.88	2.25	-	-	-	-	-	-
-2.00	6.53a	10.00	9.47	6.21	4.58	3.58	2.80	2.20	-	-	-	-	-	-
-3.00	7.22r	10.00	9.58	6.29	4.57	3.47	2.75	-	-	-	-	-	-	-
-4.00	7.32r	10.00	9.72	6.25	4.48	3.41	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 44 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3AU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	-	3.09b	2.27b	1.94	-	-	-	-	-	-	-
4.00	-	-	-	4.29b	3.00b	2.24b	1.91	-	-	-	-	-	-	-
3.00	-	-	-	4.20	2.92b	2.21b	1.86	-	-	-	-	-	-	-
2.00	-	-	5.00	3.99	2.87b	2.27	1.80	1.46	-	-	-	-	-	-
1.00	-	-	5.00	3.77r	2.78	2.17	1.75	1.44	-	-	-	-	-	-
0.00	-	-	-	3.89	2.72	2.12	1.72	-	-	-	-	-	-	-
-1.00	-	-	5.00	3.83	2.69	2.10	1.70	-	-	-	-	-	-	-
-2.00	-	-	5.00	3.77	2.71	2.11	-	-	-	-	-	-	-	-
-3.00	-	5.00	5.00	3.82	2.76	2.17	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.44	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.44	2.57	-	-	-	-	-	-	-	-
5.00	-	-	-	-	3.39	2.59	1.95	-	-	-	-	-	-	-
4.00	-	-	-	4.58	3.33	2.56b	1.96	-	-	-	-	-	-	-
3.00	-	-	-	4.47	3.26	2.54	1.94	-	-	-	-	-	-	-
2.00	-	-	5.00	4.41	3.23	2.52	1.91	1.46	-	-	-	-	-	-
1.00	-	-	5.00	4.36	3.19	2.46	1.86	1.44	-	-	-	-	-	-
0.00	-	-	-	4.22	3.03	2.37	1.80	-	-	-	-	-	-	-
-1.00	-	-	5.00	4.12	2.96	2.26	1.75	-	-	-	-	-	-	-
-2.00	-	-	5.00	4.08	2.88	2.20	-	-	-	-	-	-	-	-
-3.00	-	5.00	5.00	4.02	2.83	2.18	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 45 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3AU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	3.54a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-
6.00	-	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-
5.00	-	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-
4.00	-	-	-	4.38b	3.00a	2.28b	1.41a	1.39a	-	-	-	-	-	-
3.00	-	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.35a	-	-	-	-	-	-
2.00	-	-	3.60k	3.04k	2.89b	2.21r	1.64a	1.42a	1.27	-	-	-	-	-
1.00	-	3.07a	3.55k	3.05k	2.73r	2.19r	1.67a	1.46	1.26	-	-	-	-	-
0.00	3.09a	2.83a	3.19a	2.99k	2.72	2.13	1.73	1.44	-	-	-	-	-	-
-1.00	3.91a	2.68a	3.07a	3.17k	2.68	2.10	1.71	1.44	-	-	-	-	-	-
-2.00	4.01a	3.49a	3.87k	3.09k	2.68	2.09	1.71	1.47	-	-	-	-	-	-
-3.00	4.78r	4.38k	3.17k	3.13k	2.70	2.12	1.75	-	-	-	-	-	-	-
-4.00	4.21k	3.84k	3.20k	3.31k	2.77	2.18	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	3.54a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	4.30a	3.46	2.11a	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.45	2.75	2.04a	-	-	-	-	-	-	-
6.00	-	-	-	-	3.38b	2.74	2.14	-	-	-	-	-	-	-
5.00	-	-	-	-	3.46	2.72	2.15	1.67	-	-	-	-	-	-
4.00	-	-	-	4.61b	3.45	2.67b	2.14	1.68	-	-	-	-	-	-
3.00	-	-	6.96	4.61b	3.39	2.62	2.12	1.67	-	-	-	-	-	-
2.00	-	-	6.82	4.52	3.32b	2.59	2.11	1.65	1.29	-	-	-	-	-
1.00	-	5.48a	6.80	4.48	3.29b	2.58	2.07	1.61	1.27	-	-	-	-	-
0.00	3.23a	5.72a	6.64r	4.39	3.24	2.52	2.01	1.56	-	-	-	-	-	-
-1.00	4.97a	6.80a	6.39	4.24	3.13	2.44	1.92	1.52	-	-	-	-	-	-
-2.00	6.53a	10.00	6.35	4.16	3.06	2.40	1.86	1.48	-	-	-	-	-	-
-3.00	7.22r	10.00	6.45	4.22	3.06	2.31	1.82	-	-	-	-	-	-	-
-4.00	7.32r	10.00	6.54	4.19	3.01	2.28	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° - +/- 30° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3BU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.19	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	2.19	1.56	-	-	-	-	-	-	-	-
5.00	-	-	-	-	2.12	1.52	1.11	-	-	-	-	-	-	-
4.00	-	-	-	2.86	1.99	1.45	1.08	-	-	-	-	-	-	-
3.00	-	-	-	2.55	1.91	1.35	1.03	-	-	-	-	-	-	-
2.00	-	-	4.14	2.34	1.65	1.28	0.97	0.75	-	-	-	-	-	-
1.00	-	-	4.10	2.30	1.54	1.18	0.92	0.73	-	-	-	-	-	-
0.00	-	-	-	2.24	1.48	1.13	0.89	-	-	-	-	-	-	-
-1.00	-	-	3.78	2.18	1.46	1.11	0.88	-	-	-	-	-	-	-
-2.00	-	-	3.62	2.12	1.47	1.12	-	-	-	-	-	-	-	-
-3.00	-	5.00	3.56	2.17	1.52	1.18	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.20	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	2.21	1.58	-	-	-	-	-	-	-	-
5.00	-	-	-	-	2.17	1.61	1.12	-	-	-	-	-	-	-
4.00	-	-	-	2.96	2.11	1.59	1.13	-	-	-	-	-	-	-
3.00	-	-	-	2.83	2.06	1.58	1.12	-	-	-	-	-	-	-
2.00	-	-	4.32	2.79	2.03	1.54	1.08	0.75	-	-	-	-	-	-
1.00	-	-	4.15	2.76	1.97	1.47	1.03	0.73	-	-	-	-	-	-
0.00	-	-	-	2.57	1.79	1.38	0.97	-	-	-	-	-	-	-
-1.00	-	-	3.81	2.47	1.72	1.27	0.92	-	-	-	-	-	-	-
-2.00	-	-	3.78	2.43	1.64	1.21	-	-	-	-	-	-	-	-
-3.00	-	5.00	3.86	2.37	1.59	1.19	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° - +/- 30° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point	- 3BU



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	3.12	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	3.01	1.99a	1.63	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.18	1.48	1.20	-	-	-	-	-	-	-
6.00	-	-	-	-	2.22	1.55	1.11	-	-	-	-	-	-	-
5.00	-	-	-	-	2.18	1.55	1.11	0.88	-	-	-	-	-	-
4.00	-	-	-	2.99	2.05	1.49	1.11	0.81	-	-	-	-	-	-
3.00	-	-	3.08k	2.64	1.89	1.41	1.07	0.78	-	-	-	-	-	-
2.00	-	-	3.60k	2.34	1.71	1.31	1.01	0.78	0.65	-	-	-	-	-
1.00	-	3.07a	3.44	2.14	1.56	1.21	0.95	0.75	0.64	-	-	-	-	-
0.00	3.09a	2.83a	3.18	2.04	1.48	1.14	0.90	0.73	-	-	-	-	-	-
-1.00	3.91a	2.68a	3.07a	2.00	1.44	1.11	0.88	0.73	-	-	-	-	-	-
-2.00	4.01a	3.49a	3.18	2.01	1.44	1.10	0.89	0.76	-	-	-	-	-	-
-3.00	4.78r	4.38k	3.17k	2.05	1.46	1.13	0.92	-	-	-	-	-	-	-
-4.00	4.21k	3.84k	3.20k	2.13	1.53	1.19	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	3.12	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	3.01	2.29	1.66	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.27	1.76	1.25	-	-	-	-	-	-	-
6.00	-	-	-	-	2.28	1.76	1.32	-	-	-	-	-	-	-
5.00	-	-	-	-	2.28	1.74	1.34	0.96	-	-	-	-	-	-
4.00	-	-	-	3.06	2.26	1.70	1.33	0.98	-	-	-	-	-	-
3.00	-	-	4.55	3.03	2.18	1.66	1.32	0.97	-	-	-	-	-	-
2.00	-	-	4.38	2.90	2.11	1.63	1.30	0.94	0.67	-	-	-	-	-
1.00	-	5.48a	4.40	2.87	2.09	1.62	1.24	0.90	0.65	-	-	-	-	-
0.00	3.23a	5.72a	4.19	2.78	2.02	1.53	1.18	0.85	-	-	-	-	-	-
-1.00	4.97a	6.80a	3.93	2.60	1.89	1.45	1.10	0.81	-	-	-	-	-	-
-2.00	6.53a	7.97	3.88	2.51	1.82	1.40	1.03	0.77	-	-	-	-	-	-
-3.00	7.22r	8.20	3.99	2.57	1.82	1.32	0.99	-	-	-	-	-	-	-
-4.00	7.32r	8.55	4.08	2.54	1.77	1.29	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 30° - +/- 40° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3CU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.80	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	1.80	1.24	-	-	-	-	-	-	-	-
5.00	-	-	-	-	1.73	1.21	0.85	-	-	-	-	-	-	-
4.00	-	-	-	2.34	1.59	1.14	0.82	-	-	-	-	-	-	-
3.00	-	-	-	2.03	1.52	1.04	0.77	-	-	-	-	-	-	-
2.00	-	-	3.36	1.82	1.26	0.97	0.71	0.49	-	-	-	-	-	-
1.00	-	-	3.32	1.77	1.15	0.86	0.66	0.45	-	-	-	-	-	-
0.00	-	-	-	1.72	1.08	0.81	0.63	-	-	-	-	-	-	-
-1.00	-	-	2.99	1.65	1.06	0.79	0.61	-	-	-	-	-	-	-
-2.00	-	-	2.84	1.60	1.08	0.80	-	-	-	-	-	-	-	-
-3.00	-	5.00	2.78	1.64	1.13	0.86	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.81	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	1.82	1.27	-	-	-	-	-	-	-	-
5.00	-	-	-	-	1.77	1.30	0.86	-	-	-	-	-	-	-
4.00	-	-	-	2.44	1.72	1.28	0.87	-	-	-	-	-	-	-
3.00	-	-	-	2.31	1.66	1.26	0.86	-	-	-	-	-	-	-
2.00	-	-	3.54	2.27	1.63	1.23	0.82	0.49	-	-	-	-	-	-
1.00	-	-	3.37	2.24	1.58	1.15	0.77	0.45	-	-	-	-	-	-
0.00	-	-	-	2.04	1.39	1.07	0.71	-	-	-	-	-	-	-
-1.00	-	-	3.02	1.94	1.33	0.96	0.66	-	-	-	-	-	-	-
-2.00	-	-	3.00	1.90	1.25	0.89	-	-	-	-	-	-	-	-
-3.00	-	5.00	3.08	1.85	1.20	0.87	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 30° - +/- 40° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3CU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	2.60	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.49	1.69	1.32	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.79	1.16	0.94	-	-	-	-	-	-	-
6.00	-	-	-	-	1.83	1.23	0.84	-	-	-	-	-	-	-
5.00	-	-	-	-	1.79	1.24	0.85	0.66	-	-	-	-	-	-
4.00	-	-	-	2.46	1.66	1.18	0.85	0.58	-	-	-	-	-	-
3.00	-	-	3.08k	2.12	1.50	1.10	0.81	0.52	-	-	-	-	-	-
2.00	-	-	3.07	1.82	1.32	0.99	0.75	0.52	0.38	-	-	-	-	-
1.00	-	3.07a	2.66	1.62	1.17	0.90	0.69	0.49	0.37	-	-	-	-	-
0.00	3.09a	2.83a	2.40	1.51	1.09	0.83	0.64	0.46	-	-	-	-	-	-
-1.00	3.91a	2.68a	2.36	1.48	1.05	0.79	0.62	0.46	-	-	-	-	-	-
-2.00	4.01a	3.49a	2.40	1.48	1.04	0.79	0.62	0.50	-	-	-	-	-	-
-3.00	4.78r	4.38k	2.48	1.53	1.07	0.81	0.66	-	-	-	-	-	-	-
-4.00	4.21k	3.84k	2.65	1.61	1.14	0.88	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	2.60	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.49	1.93	1.35	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.88	1.45	0.99	-	-	-	-	-	-	-
6.00	-	-	-	-	1.88	1.45	1.06	-	-	-	-	-	-	-
5.00	-	-	-	-	1.88	1.43	1.08	0.74	-	-	-	-	-	-
4.00	-	-	-	2.53	1.87	1.39	1.07	0.75	-	-	-	-	-	-
3.00	-	-	3.77	2.51	1.78	1.35	1.06	0.75	-	-	-	-	-	-
2.00	-	-	3.60	2.38	1.72	1.31	1.04	0.72	0.40	-	-	-	-	-
1.00	-	5.48a	3.62	2.35	1.70	1.30	0.98	0.68	0.37	-	-	-	-	-
0.00	3.23a	5.72a	3.40	2.25	1.62	1.22	0.92	0.63	-	-	-	-	-	-
-1.00	4.97a	6.33	3.15	2.07	1.50	1.13	0.84	0.57	-	-	-	-	-	-
-2.00	6.53a	6.44	3.10	1.99	1.43	1.09	0.77	0.52	-	-	-	-	-	-
-3.00	7.22r	6.66	3.20	2.04	1.43	1.01	0.73	-	-	-	-	-	-	-
-4.00	7.32r	7.01	3.29	2.02	1.37	0.98	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 50 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 40° - +/- 50° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3DU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.64	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	1.64	1.11	-	-	-	-	-	-	-	-
5.00	-	-	-	-	1.57	1.08	0.74	-	-	-	-	-	-	-
4.00	-	-	-	2.13	1.43	1.01	0.71	-	-	-	-	-	-	-
3.00	-	-	-	1.81	1.36	0.91	0.66	-	-	-	-	-	-	-
2.00	-	-	3.04	1.60	1.10	0.84	0.60	0.35	-	-	-	-	-	-
1.00	-	-	3.00	1.56	0.98	0.73	0.53	0.32	-	-	-	-	-	-
0.00	-	-	-	1.50	0.92	0.68	0.48	-	-	-	-	-	-	-
-1.00	-	-	2.67	1.44	0.90	0.67	0.46	-	-	-	-	-	-	-
-2.00	-	-	2.52	1.38	0.92	0.67	-	-	-	-	-	-	-	-
-3.00	-	5.00	2.46	1.43	0.97	0.73	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.65	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	1.65	1.14	-	-	-	-	-	-	-	-
5.00	-	-	-	-	1.61	1.17	0.75	-	-	-	-	-	-	-
4.00	-	-	-	2.22	1.55	1.15	0.76	-	-	-	-	-	-	-
3.00	-	-	-	2.09	1.50	1.13	0.75	-	-	-	-	-	-	-
2.00	-	-	3.21	2.06	1.47	1.10	0.71	0.35	-	-	-	-	-	-
1.00	-	-	3.05	2.02	1.42	1.03	0.66	0.32	-	-	-	-	-	-
0.00	-	-	-	1.83	1.23	0.94	0.60	-	-	-	-	-	-	-
-1.00	-	-	2.70	1.73	1.16	0.83	0.52	-	-	-	-	-	-	-
-2.00	-	-	2.68	1.69	1.09	0.76	-	-	-	-	-	-	-	-
-3.00	-	5.00	2.76	1.63	1.04	0.74	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 40° - +/- 50° Over Osc End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3DU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	2.39	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.27	1.53	1.19	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.63	1.03	0.83	-	-	-	-	-	-	-
6.00	-	-	-	-	1.67	1.10	0.74	-	-	-	-	-	-	-
5.00	-	-	-	-	1.62	1.11	0.74	0.55	-	-	-	-	-	-
4.00	-	-	-	2.25	1.49	1.05	0.74	0.44	-	-	-	-	-	-
3.00	-	-	3.08k	1.91	1.34	0.97	0.70	0.38	-	-	-	-	-	-
2.00	-	-	2.75	1.60	1.16	0.86	0.64	0.38	0.26	-	-	-	-	-
1.00	-	3.07a	2.33	1.40	1.00	0.77	0.57	0.35	0.24	-	-	-	-	-
0.00	3.09a	2.83a	2.08	1.30	0.93	0.70	0.49	0.32	-	-	-	-	-	-
-1.00	3.91a	2.68a	2.04	1.26	0.89	0.66	0.46	0.32	-	-	-	-	-	-
-2.00	4.01a	3.49a	2.08	1.27	0.88	0.66	0.47	0.36	-	-	-	-	-	-
-3.00	4.78r	4.38k	2.16	1.31	0.91	0.68	0.52	-	-	-	-	-	-	-
-4.00	4.21k	3.84k	2.33	1.40	0.97	0.75	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	2.39	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.27	1.77	1.22	-	-	-	-	-	-	-	-
7.00	-	-	-	-	1.72	1.32	0.88	-	-	-	-	-	-	-
6.00	-	-	-	-	1.72	1.32	0.95	-	-	-	-	-	-	-
5.00	-	-	-	-	1.72	1.30	0.97	0.65	-	-	-	-	-	-
4.00	-	-	-	2.32	1.71	1.26	0.96	0.66	-	-	-	-	-	-
3.00	-	-	3.45	2.29	1.62	1.22	0.95	0.65	-	-	-	-	-	-
2.00	-	-	3.28	2.16	1.56	1.18	0.93	0.63	0.28	-	-	-	-	-
1.00	-	5.48a	3.30	2.13	1.54	1.17	0.87	0.57	0.25	-	-	-	-	-
0.00	3.23a	5.72a	3.08	2.04	1.46	1.09	0.81	0.50	-	-	-	-	-	-
-1.00	4.97a	5.69	2.82	1.86	1.34	1.00	0.73	0.43	-	-	-	-	-	-
-2.00	6.53a	5.80	2.78	1.77	1.27	0.96	0.66	0.38	-	-	-	-	-	-
-3.00	7.22r	6.03	2.88	1.83	1.27	0.88	0.62	-	-	-	-	-	-	-
-4.00	7.32r	6.38	2.97	1.80	1.21	0.85	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 52 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 50° - +/- 120°
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3EU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.63	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.63	1.06	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.55	1.02	0.67	-	-	-	-	-	-	-	-
4.00	-	-	2.19	1.40	0.94	0.64	-	-	-	-	-	-	-	-
3.00	-	-	1.82	1.31	0.84	0.57	-	-	-	-	-	-	-	-
2.00	-	3.37	1.58	1.03	0.76	0.48	0.23	-	-	-	-	-	-	-
1.00	-	3.31	1.53	0.90	0.65	0.40	0.20	-	-	-	-	-	-	-
0.00	-	-	1.47	0.83	0.58	0.35	-	-	-	-	-	-	-	-
-1.00	-	2.91	1.39	0.81	0.55	0.33	-	-	-	-	-	-	-	-
-2.00	-	2.71	1.33	0.83	0.57	-	-	-	-	-	-	-	-	-
-3.00	5.00	2.64	1.38	0.88	0.65	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.64	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.64	1.08	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.60	1.12	0.68	-	-	-	-	-	-	-	-
4.00	-	-	2.30	1.53	1.10	0.69	-	-	-	-	-	-	-	-
3.00	-	-	2.15	1.48	1.08	0.68	-	-	-	-	-	-	-	-
2.00	-	3.58	2.11	1.44	1.04	0.64	0.23	-	-	-	-	-	-	-
1.00	-	3.38	2.07	1.38	0.96	0.57	0.20	-	-	-	-	-	-	-
0.00	-	-	1.84	1.18	0.87	0.48	-	-	-	-	-	-	-	-
-1.00	-	2.94	1.73	1.10	0.75	0.40	-	-	-	-	-	-	-	-
-2.00	-	2.91	1.68	1.02	0.68	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.01	1.62	0.96	0.66	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 50° - +/- 120°
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point	- 3EU



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.49	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.36	1.51	1.14	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.61	0.97	0.77	-	-	-	-	-	-	-	-
6.00	-	-	-	1.66	1.05	0.66	-	-	-	-	-	-	-	-
5.00	-	-	-	1.61	1.06	0.67	0.44	-	-	-	-	-	-	-
4.00	-	-	2.33	1.47	0.99	0.67	0.33	-	-	-	-	-	-	-
3.00	-	3.08k	1.93	1.29	0.90	0.62	0.27	-	-	-	-	-	-	-
2.00	-	3.00	1.58	1.09	0.79	0.54	0.27	0.15	-	-	-	-	-	-
1.00	3.07a	2.48	1.35	0.92	0.68	0.45	0.23	0.14	-	-	-	-	-	-
0.00	2.83a	2.16	1.23	0.84	0.61	0.37	0.20	-	-	-	-	-	-	-
-1.00	2.68a	2.11	1.19	0.79	0.55	0.33	0.20	-	-	-	-	-	-	-
-2.00	3.49a	2.16	1.20	0.79	0.54	0.34	0.24	-	-	-	-	-	-	-
-3.00	4.38k	2.26	1.25	0.82	0.58	0.39	-	-	-	-	-	-	-	-
-4.00	3.84k	2.48	1.34	0.89	0.66	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.49	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.36	1.77	1.17	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.72	1.28	0.82	-	-	-	-	-	-	-	-
6.00	-	-	-	1.72	1.28	0.90	-	-	-	-	-	-	-	-
5.00	-	-	-	1.72	1.26	0.92	0.57	-	-	-	-	-	-	-
4.00	-	-	2.41	1.70	1.22	0.91	0.59	-	-	-	-	-	-	-
3.00	-	3.88	2.37	1.61	1.17	0.89	0.58	-	-	-	-	-	-	-
2.00	-	3.66	2.23	1.54	1.14	0.87	0.54	0.17	-	-	-	-	-	-
1.00	5.48a	3.68	2.19	1.51	1.12	0.81	0.47	0.14	-	-	-	-	-	-
0.00	5.72a	3.42	2.09	1.43	1.03	0.75	0.39	-	-	-	-	-	-	-
-1.00	6.80a	3.09	1.88	1.29	0.94	0.66	0.32	-	-	-	-	-	-	-
-2.00	8.41	3.04	1.78	1.22	0.89	0.57	0.27	-	-	-	-	-	-	-
-3.00	8.79	3.17	1.84	1.21	0.80	0.51	-	-	-	-	-	-	-	-
-4.00	9.36	3.28	1.81	1.16	0.77	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 120° - +/- 140° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3FU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.71	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.72	1.12	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.64	1.09	0.73	-	-	-	-	-	-	-	-
4.00	-	-	2.30	1.48	1.01	0.70	-	-	-	-	-	-	-	-
3.00	-	-	1.94	1.40	0.91	0.64	-	-	-	-	-	-	-	-
2.00	-	3.56	1.70	1.11	0.83	0.56	0.30	-	-	-	-	-	-	-
1.00	-	3.51	1.65	0.99	0.71	0.49	0.27	-	-	-	-	-	-	-
0.00	-	-	1.59	0.92	0.66	0.43	-	-	-	-	-	-	-	-
-1.00	-	3.10	1.51	0.90	0.64	0.41	-	-	-	-	-	-	-	-
-2.00	-	2.90	1.45	0.91	0.65	-	-	-	-	-	-	-	-	-
-3.00	5.00	2.83	1.50	0.97	0.71	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.72	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.73	1.15	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.68	1.19	0.74	-	-	-	-	-	-	-	-
4.00	-	-	2.41	1.62	1.17	0.75	-	-	-	-	-	-	-	-
3.00	-	-	2.27	1.56	1.15	0.73	-	-	-	-	-	-	-	-
2.00	-	3.77	2.22	1.53	1.11	0.70	0.30	-	-	-	-	-	-	-
1.00	-	3.57	2.18	1.47	1.03	0.64	0.27	-	-	-	-	-	-	-
0.00	-	-	1.96	1.26	0.94	0.56	-	-	-	-	-	-	-	-
-1.00	-	3.13	1.85	1.19	0.82	0.48	-	-	-	-	-	-	-	-
-2.00	-	3.11	1.80	1.10	0.74	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.20	1.74	1.05	0.72	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 120° - +/- 140° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3FU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.60	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.48	1.60	1.21	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.70	1.04	0.82	-	-	-	-	-	-	-	-
6.00	-	-	-	1.74	1.12	0.72	-	-	-	-	-	-	-	-
5.00	-	-	-	1.70	1.12	0.72	0.51	-	-	-	-	-	-	-
4.00	-	-	2.45	1.55	1.06	0.72	0.40	-	-	-	-	-	-	-
3.00	-	3.08k	2.05	1.38	0.97	0.68	0.34	-	-	-	-	-	-	-
2.00	-	3.20	1.70	1.18	0.85	0.62	0.34	0.21	-	-	-	-	-	-
1.00	3.07a	2.67	1.47	1.01	0.75	0.53	0.30	0.20	-	-	-	-	-	-
0.00	2.83a	2.35	1.35	0.92	0.68	0.45	0.27	-	-	-	-	-	-	-
-1.00	2.68a	2.30	1.31	0.88	0.64	0.41	0.27	-	-	-	-	-	-	-
-2.00	3.49a	2.35	1.32	0.87	0.63	0.42	0.31	-	-	-	-	-	-	-
-3.00	4.38k	2.46	1.36	0.90	0.66	0.48	-	-	-	-	-	-	-	-
-4.00	3.84k	2.67	1.46	0.98	0.73	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.60	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.48	1.86	1.24	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.80	1.35	0.88	-	-	-	-	-	-	-	-
6.00	-	-	-	1.81	1.35	0.95	-	-	-	-	-	-	-	-
5.00	-	-	-	1.81	1.33	0.97	0.63	-	-	-	-	-	-	-
4.00	-	-	2.53	1.79	1.29	0.96	0.64	-	-	-	-	-	-	-
3.00	-	4.07	2.49	1.70	1.24	0.95	0.64	-	-	-	-	-	-	-
2.00	-	3.85	2.35	1.62	1.20	0.93	0.61	0.24	-	-	-	-	-	-
1.00	5.48a	3.87	2.31	1.60	1.19	0.87	0.54	0.21	-	-	-	-	-	-
0.00	5.72a	3.61	2.20	1.52	1.10	0.80	0.46	-	-	-	-	-	-	-
-1.00	6.80a	3.29	1.99	1.38	1.01	0.72	0.39	-	-	-	-	-	-	-
-2.00	8.91	3.23	1.90	1.30	0.96	0.64	0.34	-	-	-	-	-	-	-
-3.00	9.28	3.36	1.96	1.30	0.87	0.59	-	-	-	-	-	-	-	-
-4.00	9.85	3.47	1.93	1.24	0.84	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 140° - +/- 150° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3GU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.74	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.74	1.16	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.66	1.12	0.76	-	-	-	-	-	-	-	-
4.00	-	-	2.32	1.51	1.04	0.73	-	-	-	-	-	-	-	-
3.00	-	-	1.96	1.43	0.94	0.67	-	-	-	-	-	-	-	-
2.00	-	3.50	1.73	1.15	0.86	0.61	0.35	-	-	-	-	-	-	-
1.00	-	3.45	1.68	1.03	0.75	0.54	0.32	-	-	-	-	-	-	-
0.00	-	-	1.62	0.96	0.70	0.49	-	-	-	-	-	-	-	-
-1.00	-	3.07	1.55	0.94	0.68	0.46	-	-	-	-	-	-	-	-
-2.00	-	2.88	1.49	0.96	0.69	-	-	-	-	-	-	-	-	-
-3.00	5.00	2.81	1.54	1.01	0.75	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.74	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.75	1.18	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.71	1.22	0.77	-	-	-	-	-	-	-	-
4.00	-	-	2.42	1.65	1.20	0.78	-	-	-	-	-	-	-	-
3.00	-	-	2.28	1.59	1.18	0.76	-	-	-	-	-	-	-	-
2.00	-	3.70	2.24	1.56	1.14	0.73	0.35	-	-	-	-	-	-	-
1.00	-	3.51	2.20	1.50	1.06	0.67	0.32	-	-	-	-	-	-	-
0.00	-	-	1.99	1.30	0.97	0.61	-	-	-	-	-	-	-	-
-1.00	-	3.10	1.87	1.22	0.85	0.53	-	-	-	-	-	-	-	-
-2.00	-	3.08	1.83	1.14	0.78	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.17	1.77	1.09	0.76	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 140° - +/- 150° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3GU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.60	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.48	1.62	1.24	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.72	1.07	0.85	-	-	-	-	-	-	-	-
6.00	-	-	-	1.77	1.15	0.75	-	-	-	-	-	-	-	-
5.00	-	-	-	1.72	1.15	0.76	0.56	-	-	-	-	-	-	-
4.00	-	-	2.45	1.58	1.09	0.75	0.45	-	-	-	-	-	-	-
3.00	-	3.08k	2.07	1.41	1.00	0.71	0.39	-	-	-	-	-	-	-
2.00	-	3.16	1.73	1.22	0.89	0.65	0.39	0.26	-	-	-	-	-	-
1.00	3.07a	2.67	1.51	1.05	0.79	0.58	0.35	0.24	-	-	-	-	-	-
0.00	2.83a	2.37	1.40	0.97	0.72	0.50	0.32	-	-	-	-	-	-	-
-1.00	2.68a	2.32	1.36	0.92	0.68	0.47	0.32	-	-	-	-	-	-	-
-2.00	3.49a	2.37	1.36	0.92	0.67	0.48	0.36	-	-	-	-	-	-	-
-3.00	4.38k	2.46	1.41	0.95	0.70	0.53	-	-	-	-	-	-	-	-
-4.00	3.84k	2.66	1.50	1.02	0.77	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.60	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.48	1.88	1.27	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.82	1.38	0.91	-	-	-	-	-	-	-	-
6.00	-	-	-	1.83	1.38	0.98	-	-	-	-	-	-	-	-
5.00	-	-	-	1.83	1.35	1.00	0.66	-	-	-	-	-	-	-
4.00	-	-	2.53	1.81	1.31	0.99	0.67	-	-	-	-	-	-	-
3.00	-	3.98	2.50	1.72	1.27	0.98	0.66	-	-	-	-	-	-	-
2.00	-	3.78	2.36	1.65	1.23	0.96	0.64	0.28	-	-	-	-	-	-
1.00	5.48a	3.80	2.32	1.63	1.22	0.90	0.58	0.25	-	-	-	-	-	-
0.00	5.72a	3.55	2.22	1.55	1.13	0.83	0.51	-	-	-	-	-	-	-
-1.00	6.80a	3.25	2.02	1.41	1.04	0.75	0.44	-	-	-	-	-	-	-
-2.00	8.03	3.19	1.92	1.34	0.99	0.67	0.39	-	-	-	-	-	-	-
-3.00	8.36	3.31	1.98	1.34	0.91	0.63	-	-	-	-	-	-	-	-
-4.00	8.85	3.42	1.95	1.28	0.87	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 150° - +/- 160° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3HU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.91	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.91	1.28	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.83	1.24	0.86	-	-	-	-	-	-	-	-
4.00	-	-	2.58	1.68	1.16	0.82	-	-	-	-	-	-	-	-
3.00	-	-	2.21	1.60	1.06	0.76	-	-	-	-	-	-	-	-
2.00	-	4.00	1.98	1.31	0.98	0.71	0.46	-	-	-	-	-	-	-
1.00	-	3.95	1.92	1.18	0.87	0.65	0.43	-	-	-	-	-	-	-
0.00	-	-	1.86	1.12	0.81	0.62	-	-	-	-	-	-	-	-
-1.00	-	3.54	1.78	1.09	0.79	0.60	-	-	-	-	-	-	-	-
-2.00	-	3.34	1.72	1.11	0.80	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.27	1.77	1.17	0.87	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.92	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.93	1.31	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.88	1.34	0.86	-	-	-	-	-	-	-	-
4.00	-	-	2.69	1.82	1.32	0.87	-	-	-	-	-	-	-	-
3.00	-	-	2.54	1.76	1.30	0.86	-	-	-	-	-	-	-	-
2.00	-	4.22	2.50	1.73	1.27	0.82	0.46	-	-	-	-	-	-	-
1.00	-	4.01	2.46	1.66	1.19	0.77	0.43	-	-	-	-	-	-	-
0.00	-	-	2.24	1.46	1.09	0.71	-	-	-	-	-	-	-	-
-1.00	-	3.57	2.12	1.38	0.97	0.65	-	-	-	-	-	-	-	-
-2.00	-	3.55	2.07	1.30	0.90	-	-	-	-	-	-	-	-	-
-3.00	5.00	3.65	2.01	1.24	0.88	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 150° - +/- 160° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3HU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.88	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.75	1.79	1.36	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.90	1.19	0.95	-	-	-	-	-	-	-	-
6.00	-	-	-	1.94	1.27	0.85	-	-	-	-	-	-	-	-
5.00	-	-	-	1.89	1.28	0.85	0.65	-	-	-	-	-	-	-
4.00	-	-	2.72	1.75	1.21	0.85	0.56	-	-	-	-	-	-	-
3.00	-	3.08k	2.32	1.57	1.12	0.81	0.50	-	-	-	-	-	-	-
2.00	-	3.60k	1.97	1.37	1.01	0.75	0.50	0.35	-	-	-	-	-	-
1.00	3.07a	3.12	1.74	1.21	0.90	0.68	0.46	0.34	-	-	-	-	-	-
0.00	2.83a	2.80	1.62	1.12	0.83	0.63	0.43	-	-	-	-	-	-	-
-1.00	2.68a	2.74	1.58	1.07	0.79	0.60	0.43	-	-	-	-	-	-	-
-2.00	3.49a	2.80	1.59	1.07	0.79	0.61	0.47	-	-	-	-	-	-	-
-3.00	4.38k	2.90	1.64	1.10	0.81	0.65	-	-	-	-	-	-	-	-
-4.00	3.84k	3.11	1.74	1.17	0.89	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.88	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.75	2.05	1.39	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.00	1.50	1.01	-	-	-	-	-	-	-	-
6.00	-	-	-	2.00	1.51	1.08	-	-	-	-	-	-	-	-
5.00	-	-	-	2.00	1.48	1.10	0.74	-	-	-	-	-	-	-
4.00	-	-	2.80	1.99	1.44	1.09	0.75	-	-	-	-	-	-	-
3.00	-	4.51	2.77	1.89	1.39	1.07	0.74	-	-	-	-	-	-	-
2.00	-	4.29	2.62	1.82	1.36	1.06	0.71	0.38	-	-	-	-	-	-
1.00	5.48a	4.32	2.58	1.80	1.35	1.00	0.67	0.34	-	-	-	-	-	-
0.00	5.72a	4.05	2.48	1.71	1.25	0.93	0.62	-	-	-	-	-	-	-
-1.00	6.80a	3.73	2.27	1.58	1.16	0.85	0.55	-	-	-	-	-	-	-
-2.00	10.00	3.67	2.17	1.50	1.11	0.77	0.50	-	-	-	-	-	-	-
-3.00	10.00	3.80	2.23	1.50	1.02	0.73	-	-	-	-	-	-	-	-
-4.00	10.00	3.91	2.20	1.44	0.99	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 160° - +/- 180° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3IU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.03	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	2.03	1.43	-	-	-	-	-	-	-	-
5.00	-	-	-	-	1.96	1.39	1.01	-	-	-	-	-	-	-
4.00	-	-	-	2.65	1.83	1.32	0.98	-	-	-	-	-	-	-
3.00	-	-	-	2.33	1.75	1.23	0.92	-	-	-	-	-	-	-
2.00	-	-	3.82	2.13	1.49	1.15	0.87	0.66	-	-	-	-	-	-
1.00	-	-	3.78	2.08	1.38	1.05	0.82	0.64	-	-	-	-	-	-
0.00	-	-	-	2.03	1.32	1.00	0.78	-	-	-	-	-	-	-
-1.00	-	-	3.46	1.96	1.30	0.98	0.77	-	-	-	-	-	-	-
-2.00	-	-	3.30	1.91	1.31	0.99	-	-	-	-	-	-	-	-
-3.00	-	5.00	3.24	1.95	1.36	1.05	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.04	-	-	-	-	-	-	-	-	-
6.00	-	-	-	-	2.05	1.45	-	-	-	-	-	-	-	-
5.00	-	-	-	-	2.01	1.48	1.01	-	-	-	-	-	-	-
4.00	-	-	-	2.75	1.95	1.47	1.02	-	-	-	-	-	-	-
3.00	-	-	-	2.62	1.89	1.45	1.01	-	-	-	-	-	-	-
2.00	-	-	4.00	2.58	1.87	1.41	0.98	0.66	-	-	-	-	-	-
1.00	-	-	3.83	2.55	1.81	1.34	0.92	0.64	-	-	-	-	-	-
0.00	-	-	-	2.35	1.63	1.25	0.87	-	-	-	-	-	-	-
-1.00	-	-	3.49	2.25	1.56	1.14	0.81	-	-	-	-	-	-	-
-2.00	-	-	3.46	2.21	1.48	1.08	-	-	-	-	-	-	-	-
-3.00	-	5.00	3.54	2.16	1.43	1.06	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 160° - +/- 180° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3IU	



Minimum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	2.91	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.80	1.93	1.50	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.02	1.35	1.09	-	-	-	-	-	-	-
6.00	-	-	-	-	2.06	1.42	1.00	-	-	-	-	-	-	-
5.00	-	-	-	-	2.02	1.43	1.00	0.79	-	-	-	-	-	-
4.00	-	-	-	2.77	1.89	1.36	1.00	0.72	-	-	-	-	-	-
3.00	-	-	3.08k	2.43	1.73	1.28	0.96	0.68	-	-	-	-	-	-
2.00	-	-	3.54	2.12	1.55	1.18	0.91	0.68	0.55	-	-	-	-	-
1.00	-	3.07a	3.12	1.93	1.40	1.08	0.84	0.66	0.54	-	-	-	-	-
0.00	3.09a	2.83a	2.86	1.82	1.32	1.01	0.80	0.64	-	-	-	-	-	-
-1.00	3.91a	2.68a	2.82	1.79	1.28	0.98	0.77	0.64	-	-	-	-	-	-
-2.00	4.01a	3.49a	2.86	1.79	1.28	0.97	0.78	0.67	-	-	-	-	-	-
-3.00	4.78r	4.38k	2.94	1.83	1.30	1.00	0.81	-	-	-	-	-	-	-
-4.00	4.21k	3.84k	3.11	1.92	1.37	1.06	-	-	-	-	-	-	-	-

Maximum Loads

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00
9.00	-	-	-	2.91	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.80	2.16	1.53	-	-	-	-	-	-	-	-
7.00	-	-	-	-	2.11	1.63	1.15	-	-	-	-	-	-	-
6.00	-	-	-	-	2.12	1.64	1.22	-	-	-	-	-	-	-
5.00	-	-	-	-	2.12	1.61	1.23	0.87	-	-	-	-	-	-
4.00	-	-	-	2.84	2.10	1.57	1.22	0.88	-	-	-	-	-	-
3.00	-	-	4.23	2.81	2.02	1.53	1.21	0.88	-	-	-	-	-	-
2.00	-	-	4.06	2.69	1.95	1.50	1.19	0.85	0.57	-	-	-	-	-
1.00	-	5.48a	4.08	2.66	1.93	1.49	1.14	0.81	0.55	-	-	-	-	-
0.00	3.23a	5.72a	3.87	2.56	1.86	1.40	1.08	0.76	-	-	-	-	-	-
-1.00	4.97a	6.80a	3.61	2.38	1.73	1.32	1.00	0.72	-	-	-	-	-	-
-2.00	6.53a	7.34	3.56	2.30	1.66	1.27	0.92	0.68	-	-	-	-	-	-
-3.00	7.22r	7.57	3.67	2.35	1.66	1.19	0.89	-	-	-	-	-	-	-
-4.00	7.32r	7.92	3.76	2.32	1.61	1.16	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3AL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.43a	2.23a	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.27b	2.06a	2.29a	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.24b	2.17a	2.29a	2.19a	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.52b	2.21b	2.08a	2.39a	2.31a	-	-	-	-
2.00	5.00	4.98b	4.03b	3.98b	2.87b	2.50b	2.32r	2.45a	2.45a	2.15a	2.40a	-	-	-
1.00	5.00	4.75r	3.77r	3.55r	2.96r	2.68r	2.46r	2.76a	2.72a	2.89a	2.06a	-	-	-
0.00	-	5.00	5.00	4.14r	4.73r	3.21r	3.23r	2.69a	2.88a	2.64a	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	4.19r	4.31b	3.54a	3.20a	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	4.85b	4.30b	3.81b	3.38b	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.34b	3.82b	3.33b	2.78b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.38b	3.32b	2.62a	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.73b	3.52b	3.39b	3.26b	2.91a	-	-	-	-	-
4.00	-	-	5.00	4.67b	4.25b	3.85b	3.62b	3.38b	3.23b	2.87a	-	-	-	-
3.00	-	5.00	5.00	5.00	4.20b	4.32b	3.94b	3.62b	3.40b	3.19b	-	-	-	-
2.00	5.00	5.00	5.00	5.00	5.00	4.75b	4.13b	3.85b	3.54b	3.29b	2.40a	-	-	-
1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.45b	4.00b	3.64b	3.34b	2.06a	-	-	-
0.00	-	5.00	5.00	5.00	5.00	5.00	4.50b	4.04b	3.68b	3.33b	-	-	-	-
-1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.59b	4.13b	3.59b	-	-	-	-	-
-2.00	5.00	5.00	5.00	5.00	5.00	5.00	4.46b	3.67b	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	5.00	4.96b	4.04b	2.89b	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	75%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3AL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.59a	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.43a	1.44a	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.31a	1.34a	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.28b	1.79a	1.41a	1.38a	1.39a	1.31a	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.56b	2.24b	1.94a	1.58a	1.35a	1.35a	1.40a	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.89b	2.51b	2.21r	1.79a	1.64a	1.44a	1.42a	1.33a	1.32a	-
1.00	3.55k	3.05k	3.05k	3.07k	2.73r	2.42r	2.19r	2.03a	1.67a	1.50a	1.53a	1.40a	1.45a	-
0.00	3.19a	3.44k	2.99k	3.14k	2.98r	2.67r	2.46r	2.14a	1.79a	1.69a	1.64a	1.49a	-	-
-1.00	3.07a	3.64a	3.17k	3.09k	3.06k	3.12k	2.89r	2.17a	1.89a	1.87a	1.67a	1.59a	-	-
-2.00	3.87k	3.31k	3.09k	3.08k	3.10k	3.12k	2.61a	2.27a	2.17a	1.93a	1.80a	-	-	-
-3.00	3.17k	3.17k	3.13k	3.25k	3.34k	3.52k	2.86b	2.56b	2.27a	2.10a	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.86k	3.60b	3.15b	2.81b	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.77b	3.16a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.49b	3.45b	2.98a	2.04a	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.30b	3.28b	3.31b	3.09a	2.49a	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.52b	3.38b	3.25b	3.18b	3.05b	2.52a	-	-	-
4.00	-	5.05k	4.61b	4.70b	4.26b	3.83b	3.63b	3.40b	3.24b	3.13b	2.95b	2.28a	-	-
3.00	7.44b	6.88b	5.76b	5.01k	4.89b	4.36b	3.94b	3.65b	3.40b	3.21b	3.06b	2.77a	-	-
2.00	8.03b	7.85b	6.83b	5.75b	5.37b	4.78b	4.29b	3.90b	3.57b	3.32b	3.10b	2.88b	1.80a	-
1.00	8.20b	8.10b	7.49b	6.38b	5.79b	5.08b	4.51b	4.05b	3.70b	3.39b	3.13b	2.89b	1.70a	-
0.00	9.31b	9.05b	7.94b	6.82b	5.87b	5.15b	4.57b	4.11b	3.75b	3.44b	3.15b	2.88b	-	-
-1.00	10.00	10.00	8.24b	6.92b	5.96b	5.22b	4.69b	4.23b	3.82b	3.46b	3.12b	2.20a	-	-
-2.00	10.00	10.00	8.49b	7.18b	6.23b	5.43b	4.79b	4.25b	3.79b	3.30b	2.68b	-	-	-
-3.00	10.00	10.00	8.62b	7.23b	6.21b	5.39b	4.65b	3.97b	3.26b	2.10a	-	-	-	-
-4.00	10.00	10.00	8.12b	6.69b	5.47b	4.39b	3.44b	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° - +/- 30° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3BL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	2.29a	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.24b	2.29a	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	2.21b	2.39a	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.87b	2.32r	2.45a	2.40a	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.96r	2.46r	2.72a	2.06a	-	-	-	-	-	-	-
0.00	-	-	5.00	4.73r	3.23r	2.88a	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	5.00	4.31b	3.20a	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	4.85b	3.81b	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.82b	2.78b	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	3.32b	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.73b	3.39b	2.91a	-	-	-	-	-	-	-	-
4.00	-	-	5.00	4.25b	3.62b	3.23b	-	-	-	-	-	-	-	-
3.00	-	-	5.00	4.20b	3.94b	3.40b	-	-	-	-	-	-	-	-
2.00	-	5.00	5.00	5.00	4.13b	3.54b	2.40a	-	-	-	-	-	-	-
1.00	-	5.00	5.00	5.00	4.45b	3.60b	2.06a	-	-	-	-	-	-	-
0.00	-	-	5.00	5.00	4.50b	3.63	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	5.00	4.59b	3.55	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	5.00	4.46b	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.96b	2.89b	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 20° - +/- 30° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3BL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.28b	1.41a	1.39a	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.35a	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.89b	2.21r	1.64a	1.42a	1.32a	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.73r	2.19r	1.67a	1.53a	1.45a	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.98r	2.46r	1.79a	1.64a	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	3.06k	2.89r	1.89a	1.67a	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	3.10k	2.61a	2.17a	1.80a	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	3.34k	2.86b	2.27a	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	3.60b	2.81b	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.77b	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	3.45b	2.04a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	3.28b	3.09a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.67b	3.38b	3.18b	2.52a	-	-	-	-	-	-	-
4.00	-	-	4.61b	4.26b	3.63b	3.24b	2.95b	-	-	-	-	-	-	-
3.00	-	7.44b	5.76b	4.89b	3.94b	3.40b	3.01	-	-	-	-	-	-	-
2.00	-	8.03b	6.83b	5.37b	4.29b	3.57b	3.03	1.80a	-	-	-	-	-	-
1.00	5.48a	8.20b	7.49b	5.79b	4.51b	3.67	3.04	1.70a	-	-	-	-	-	-
0.00	5.72a	9.31b	7.94b	5.87b	4.57b	3.73	3.03	-	-	-	-	-	-	-
-1.00	6.80a	10.00	8.24b	5.96b	4.69b	3.75	2.96	-	-	-	-	-	-	-
-2.00	10.00	10.00	8.49b	6.23b	4.79b	3.70	2.68b	-	-	-	-	-	-	-
-3.00	10.00	10.00	8.62b	6.21b	4.65b	3.26b	-	-	-	-	-	-	-	-
-4.00	10.00	10.00	8.12b	5.47b	3.44b	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 30° - +/- 40° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3CL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	2.29a	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.24b	2.29a	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	2.21b	2.38	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.87b	2.32r	2.28	1.71	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.96r	2.46r	2.19	1.67	-	-	-	-	-	-	-
0.00	-	-	5.00	3.90	2.83	2.13	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	3.86	2.80	2.11	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	3.89	2.81	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.82b	2.78b	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	3.32b	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.73b	3.39b	2.54	-	-	-	-	-	-	-	-
4.00	-	-	5.00	4.25b	3.41	2.55	-	-	-	-	-	-	-	-
3.00	-	-	5.00	4.20b	3.35	2.52	-	-	-	-	-	-	-	-
2.00	-	5.00	5.00	4.50b	3.32	2.46	1.71	-	-	-	-	-	-	-
1.00	-	5.00	5.00	4.50b	3.31	2.38	1.67	-	-	-	-	-	-	-
0.00	-	-	5.00	4.45	3.23	2.28	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	4.33	3.07	2.19	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	4.19	2.96	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	4.10	2.89b	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 30° - +/- 40° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3CL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.28b	1.41a	1.39a	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.35a	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.89b	2.21r	1.64a	1.42a	1.32a	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.73r	2.19r	1.67a	1.53a	1.39	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.98r	2.46r	1.79a	1.64a	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	3.06k	2.80	1.89a	1.67a	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	3.10k	2.61a	2.12	1.72	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	3.34k	2.83	2.18	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	3.60b	2.81b	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.77b	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	3.45b	2.04a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	3.28b	2.77	-	-	-	-	-	-	-	-
5.00	-	-	-	3.67b	3.38b	2.77	2.06	-	-	-	-	-	-	-
4.00	-	-	4.61b	4.26b	3.49	2.75	2.08	-	-	-	-	-	-	-
3.00	-	7.44b	5.76b	4.70b	3.50	2.71	2.07	-	-	-	-	-	-	-
2.00	-	8.03b	6.78	4.63b	3.42	2.67	2.01	1.43	-	-	-	-	-	-
1.00	5.48a	8.20b	6.89	4.60b	3.41	2.68	1.95	1.40	-	-	-	-	-	-
0.00	5.72a	9.31b	7.01	4.61	3.39	2.61	1.87	-	-	-	-	-	-	-
-1.00	6.80a	10.00	7.00	4.56	3.33	2.49	1.80	-	-	-	-	-	-	-
-2.00	10.00	10.00	6.92	4.51	3.28	2.37	1.75	-	-	-	-	-	-	-
-3.00	10.00	10.00	7.04	4.50	3.15	2.31	-	-	-	-	-	-	-	-
-4.00	10.00	10.00	6.93	4.40	3.10	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 40° - +/- 50° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3DL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	1.88	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.24b	1.83	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	2.21b	1.73	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.87b	2.32r	1.63	1.17	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.96r	2.13	1.54	1.13	-	-	-	-	-	-	-
0.00	-	-	4.93	2.92	2.04	1.48	-	-	-	-	-	-	-	-
-1.00	-	5.00	4.80	2.89	2.00	1.46	-	-	-	-	-	-	-	-
-2.00	-	5.00	4.69	2.91	2.02	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	4.78	3.01	2.13	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	2.85	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.73b	2.85	1.89	-	-	-	-	-	-	-	-
4.00	-	-	5.00	3.91	2.80	1.91	-	-	-	-	-	-	-	-
3.00	-	-	5.00	3.79	2.75	1.89	-	-	-	-	-	-	-	-
2.00	-	5.00	5.00	3.62b	2.74b	1.83	1.17	-	-	-	-	-	-	-
1.00	-	5.00	5.00	3.56	2.65	1.73	1.13	-	-	-	-	-	-	-
0.00	-	-	5.00	3.48	2.51	1.63	-	-	-	-	-	-	-	-
-1.00	-	5.00	5.00	3.36	2.30	1.54	-	-	-	-	-	-	-	-
-2.00	-	5.00	5.00	3.22	2.18	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	5.00	3.13	2.15	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 40° - +/- 50° Over Osc End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3DL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.28b	1.41a	1.27	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.21	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.89b	2.21r	1.64a	1.21	0.95	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.73r	2.19r	1.59	1.17	0.93	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.93	2.07	1.50	1.13	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	2.86	2.00	1.46	1.13	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	2.85	1.99	1.47	1.18	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	2.90	2.03	1.53	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	3.02	2.16	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.77b	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	2.97	2.04a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	3.00	2.24	-	-	-	-	-	-	-	-
5.00	-	-	-	3.67b	2.98	2.25	1.53	-	-	-	-	-	-	-
4.00	-	-	4.61b	4.03b	2.98	2.22	1.55	-	-	-	-	-	-	-
3.00	-	7.44b	5.76b	4.00b	2.90	2.18	1.53	-	-	-	-	-	-	-
2.00	-	8.03b	5.79	3.88	2.84	2.17	1.50	0.97	-	-	-	-	-	-
1.00	5.48a	8.20b	5.79	3.85	2.83	2.11	1.43	0.94	-	-	-	-	-	-
0.00	5.72a	9.31b	5.74	3.77	2.74r	2.01	1.34	-	-	-	-	-	-	-
-1.00	6.80a	10.00	5.63	3.67	2.63	1.87	1.26	-	-	-	-	-	-	-
-2.00	10.00	10.00	5.47	3.54	2.55	1.73	1.21	-	-	-	-	-	-	-
-3.00	10.00	10.00	5.58	3.54	2.40	1.67	-	-	-	-	-	-	-	-
-4.00	10.00	10.00	5.53	3.44	2.34	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 50° - +/- 120°
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3EL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.33	1.78	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.26	1.77	1.38	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.58b	2.10	1.67	1.32	1.02	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.40	1.90	1.52	1.21	0.97	-	-	-	-
2.00	5.00	4.98b	4.03b	3.40	2.68	2.11	1.74	1.37	1.10	0.88	0.69	-	-	-
1.00	5.00	4.75r	3.77r	3.10	2.41	1.90	1.52	1.23	1.00	0.81	0.65	-	-	-
0.00	-	5.00	4.57	3.04	2.26	1.77	1.41	1.21	0.94	0.76	-	-	-	-
-1.00	5.00	5.00	4.39	2.95	2.21	1.72	1.37	1.16	0.91	-	-	-	-	-
-2.00	5.00	5.00	4.24	2.99	2.25	1.74	1.39	1.14	-	-	-	-	-	-
-3.00	5.00	5.00	4.37	3.13	2.37	1.86	1.52	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.74a	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	3.04b	2.38	1.78	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.69	2.99	2.43	1.87	1.39	-	-	-	-	-
4.00	-	-	5.00	4.51b	3.55	2.90	2.38	1.89	1.42	1.04	-	-	-	-
3.00	-	5.00	5.00	4.20	3.44	2.82	2.33b	1.86	1.39	1.02	-	-	-	-
2.00	5.00	5.00	5.00	4.22b	3.37	2.79	2.30	1.77	1.32	0.98	0.69	-	-	-
1.00	5.00	5.00	5.00	4.18	3.30	2.68r	2.14	1.63	1.21	0.89	0.65	-	-	-
0.00	-	5.00	5.00	4.01	2.97	2.48	1.96	1.48	1.10	0.82	-	-	-	-
-1.00	5.00	5.00	5.00	3.78	2.82	2.32	1.72	1.32	1.00	-	-	-	-	-
-2.00	5.00	5.00	5.00	3.62	2.66	2.09	1.58	1.22	-	-	-	-	-	-
-3.00	5.00	5.00	4.91	3.44	2.54	1.97	1.54	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 50° - +/- 120°
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3EL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.55	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.36	1.19	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.25b	1.56a	1.35a	1.03	0.94	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.63b	2.19	1.74	1.37	1.05	0.81	0.71	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.96b	2.54	2.02	1.62	1.29	1.02	0.74	0.64	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.81	2.21	1.79	1.43	1.18	0.95	0.73	0.60	0.53	-
1.00	3.55k	3.05k	3.05k	3.07k	2.45	1.96	1.59	1.29	1.06	0.86	0.69	0.58	0.51	-
0.00	3.19a	3.44k	2.99k	2.97	2.27	1.78	1.45	1.17	0.96	0.79	0.66	0.57	-	-
-1.00	3.07a	3.64a	3.17k	2.87	2.17	1.70	1.37	1.11	0.91	0.76	0.65	0.58	-	-
-2.00	3.87k	3.31k	3.09k	2.86	2.16	1.69	1.36	1.11	0.93	0.79	0.70	-	-	-
-3.00	3.17k	3.17k	3.13k	2.93	2.23	1.75	1.41	1.17	0.99	0.89	-	-	-	-
-4.00	3.20k	3.12k	3.31k	3.11	2.38	1.89	1.55	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.76	3.12	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.15	2.75a	2.18	1.64	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.15	2.74	2.24	1.79	1.38	-	-	-	-
5.00	-	-	-	3.61a	3.67b	3.17a	2.70	2.22	1.83	1.45	1.09	-	-	-
4.00	-	5.05k	4.61b	4.66	3.75a	3.15	2.61	2.16	1.81	1.46	1.11	0.82	-	-
3.00	7.44b	6.88b	5.76b	4.64	3.69	3.02	2.52	2.10	1.79	1.44	1.11	0.81	-	-
2.00	8.03b	7.85b	5.71	4.40	3.53	2.91	2.44	2.06	1.75	1.38	1.05	0.79	0.55	-
1.00	8.20b	7.80	5.71	4.35	3.49	2.89	2.43r	2.02	1.64	1.29	0.97	0.72	0.52	-
0.00	9.31b	8.36	5.65	4.27r	3.38	2.77	2.27	1.85	1.52	1.17	0.88	0.66	-	-
-1.00	10.00	8.26	5.50	4.08	3.20	2.59	2.10	1.72	1.36	1.05	0.80	0.60	-	-
-2.00	10.00	8.07	5.28	3.89	3.04	2.45	2.00	1.57	1.21	0.95	0.73	-	-	-
-3.00	10.00	8.34	5.44	3.94	3.04	2.34	1.83	1.44	1.14	0.89	-	-	-	-
-4.00	10.00	8.32	5.36	3.82	2.93	2.26	1.76	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 72 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 120° - +/- 140° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3FL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.38	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	1.52	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.18	1.46	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	2.00	1.36	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.69	1.87	1.27	0.86	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.46	1.67	1.18	0.82	-	-	-	-	-	-	-
0.00	-	-	4.11	2.34	1.58	1.12	-	-	-	-	-	-	-	-
-1.00	-	5.00	3.98	2.30	1.54	1.09	-	-	-	-	-	-	-	-
-2.00	-	5.00	3.86	2.33	1.56	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	3.96	2.43	1.67	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	2.42	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.56	2.47	1.53	-	-	-	-	-	-	-	-
4.00	-	-	5.00	3.44	2.42	1.55	-	-	-	-	-	-	-	-
3.00	-	-	5.00	3.34	2.38	1.52	-	-	-	-	-	-	-	-
2.00	-	5.00	5.00	3.28	2.34	1.46	0.86	-	-	-	-	-	-	-
1.00	-	5.00	4.96	3.22	2.22	1.37	0.82	-	-	-	-	-	-	-
0.00	-	-	4.76	2.93	2.05	1.26	-	-	-	-	-	-	-	-
-1.00	-	5.00	4.56	2.81	1.85	1.17	-	-	-	-	-	-	-	-
-2.00	-	5.00	4.48	2.67	1.73	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	4.37	2.57	1.69	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 120° - +/- 140° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3FL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.09	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.26	1.41a	0.97	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.11	1.43	0.90	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.79	1.91	1.33	0.90	0.69	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.50	1.73	1.23	0.86	0.67	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.35	1.61	1.14	0.83	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	2.27	1.54	1.10	0.83	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	2.26	1.53	1.11	0.87	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	2.31	1.58	1.17	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	2.44	1.70	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.65	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	2.75a	1.75	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	2.74	1.88	-	-	-	-	-	-	-	-
5.00	-	-	-	3.66	2.70	1.92	1.23	-	-	-	-	-	-	-
4.00	-	-	4.61b	3.62	2.63	1.89	1.25	-	-	-	-	-	-	-
3.00	-	7.44b	5.33b	3.56	2.54	1.86	1.24	-	-	-	-	-	-	-
2.00	-	8.03b	5.20b	3.43	2.48	1.85	1.19	0.71	-	-	-	-	-	-
1.00	5.48a	8.20b	5.16	3.40	2.46	1.75	1.12	0.68	-	-	-	-	-	-
0.00	5.72a	9.31b	5.03r	3.29	2.33	1.64	1.04	-	-	-	-	-	-	-
-1.00	6.80a	9.69	4.82	3.12	2.18	1.50	0.96	-	-	-	-	-	-	-
-2.00	10.00	9.57	4.65	2.99	2.09	1.37	0.90	-	-	-	-	-	-	-
-3.00	10.00	9.80	4.76	2.99	1.94	1.30	-	-	-	-	-	-	-	-
-4.00	10.00	10.00	4.71	2.90	1.88	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 140° - +/- 150° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3GL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.32	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.26	1.47	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.12	1.42	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	1.95	1.32	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.61	1.81	1.22	0.82	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.39	1.62	1.13	0.78	-	-	-	-	-	-	-
0.00	-	-	4.01	2.26	1.52	1.07	-	-	-	-	-	-	-	-
-1.00	-	5.00	3.88	2.22	1.49	1.05	-	-	-	-	-	-	-	-
-2.00	-	5.00	3.76	2.25	1.50	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	3.86	2.36	1.61	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	2.37	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.50b	2.41	1.48	-	-	-	-	-	-	-	-
4.00	-	-	5.00	3.39	2.37	1.50	-	-	-	-	-	-	-	-
3.00	-	-	5.00	3.29	2.33b	1.48	-	-	-	-	-	-	-	-
2.00	-	5.00	4.93	3.23	2.30	1.42	0.82	-	-	-	-	-	-	-
1.00	-	5.00	4.88	3.15	2.16	1.32	0.78	-	-	-	-	-	-	-
0.00	-	-	4.66	2.86	2.00	1.22	-	-	-	-	-	-	-	-
-1.00	-	5.00	4.46	2.74	1.79	1.13	-	-	-	-	-	-	-	-
-2.00	-	5.00	4.38	2.59	1.67	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	4.27	2.49	1.63	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
-------	--



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 140° - +/- 150° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3GL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.05	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.20	1.41a	0.93	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.06	1.39	0.86	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.72	1.85	1.29	0.86	0.65	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.42	1.68	1.18	0.82	0.63	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.27	1.55	1.09	0.79	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	2.19	1.48	1.05	0.79	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	2.18	1.47	1.06	0.83	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	2.24	1.52	1.12	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	2.37	1.64	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.58	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	2.70	1.70	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	2.69	1.84	-	-	-	-	-	-	-	-
5.00	-	-	-	3.59	2.65	1.88b	1.19	-	-	-	-	-	-	-
4.00	-	-	4.61b	3.56	2.57	1.86	1.21	-	-	-	-	-	-	-
3.00	-	7.44b	5.27	3.49	2.49	1.84	1.20	-	-	-	-	-	-	-
2.00	-	8.03b	5.10	3.36	2.42	1.81	1.16	0.68	-	-	-	-	-	-
1.00	5.48a	8.20b	5.06	3.33	2.41	1.70	1.08	0.64	-	-	-	-	-	-
0.00	5.72a	9.31b	4.93	3.24	2.27	1.59	1.00	-	-	-	-	-	-	-
-1.00	6.80a	9.49	4.72	3.05	2.12	1.45	0.92	-	-	-	-	-	-	-
-2.00	10.00	9.37	4.55	2.92	2.04	1.32	0.86	-	-	-	-	-	-	-
-3.00	10.00	9.60	4.66	2.92	1.88	1.25	-	-	-	-	-	-	-	-
-4.00	10.00	9.87	4.61	2.83	1.83	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 76 of 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 150° - +/- 160° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3HL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.40	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	1.54	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.21	1.48	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	2.03	1.38	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.72	1.89	1.29	0.88	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.50	1.70	1.20	0.84	-	-	-	-	-	-	-
0.00	-	-	4.16	2.38	1.60	1.14	-	-	-	-	-	-	-	-
-1.00	-	5.00	4.03	2.33	1.57	1.11	-	-	-	-	-	-	-	-
-2.00	-	5.00	3.91	2.36	1.59	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	4.01	2.47	1.70	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	2.45	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.58	2.49	1.55	-	-	-	-	-	-	-	-
4.00	-	-	5.00	3.48	2.45	1.57	-	-	-	-	-	-	-	-
3.00	-	-	5.00	3.37	2.41	1.54	-	-	-	-	-	-	-	-
2.00	-	5.00	5.00	3.31	2.36	1.48	0.88	-	-	-	-	-	-	-
1.00	-	5.00	5.00	3.24r	2.24	1.39	0.84	-	-	-	-	-	-	-
0.00	-	-	4.81	2.96	2.08	1.29	-	-	-	-	-	-	-	-
-1.00	-	5.00	4.61	2.84	1.87	1.19	-	-	-	-	-	-	-	-
-2.00	-	5.00	4.53	2.70	1.75	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	4.42	2.61	1.72	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 150° - +/- 160° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3HL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.11	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.28b	1.41a	0.98	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.14	1.46	0.92	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.82	1.94	1.36	0.92	0.70	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.54	1.76	1.25	0.88	0.68	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.38	1.64	1.16	0.85	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	2.30	1.57	1.12	0.85	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	2.30	1.56	1.13	0.89	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	2.35	1.60	1.19	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	2.48	1.73	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.66b	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	2.77b	1.77	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	2.76	1.90	-	-	-	-	-	-	-	-
5.00	-	-	-	3.67b	2.73	1.94	1.25	-	-	-	-	-	-	-
4.00	-	-	4.61b	3.63b	2.66	1.91	1.27	-	-	-	-	-	-	-
3.00	-	7.44b	5.33b	3.58b	2.57	1.88	1.26	-	-	-	-	-	-	-
2.00	-	8.03b	5.20	3.46	2.51	1.87	1.21	0.72	-	-	-	-	-	-
1.00	5.48a	8.20b	5.16	3.43	2.49	1.77	1.14	0.69	-	-	-	-	-	-
0.00	5.72a	9.31b	5.07	3.32	2.36	1.66	1.05	-	-	-	-	-	-	-
-1.00	6.80a	9.79	4.87	3.15	2.20	1.52	0.98	-	-	-	-	-	-	-
-2.00	10.00	9.67	4.70	3.02	2.12	1.39	0.92	-	-	-	-	-	-	-
-3.00	10.00	9.90	4.81	3.02	1.97	1.32	-	-	-	-	-	-	-	-
-4.00	10.00	10.00	4.76	2.93	1.91	-	-	-	-	-	-	-	-	-

NOTES

SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).
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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 160° - +/- 180° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Aux Lift Point - 3IL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.01a	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.16b	2.43a	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.09b	2.27b	1.81	-	-	-	-	-	-	-	-
4.00	-	-	4.29b	3.00b	2.24b	1.76	-	-	-	-	-	-	-	-
3.00	-	-	4.33b	2.92b	2.21b	1.67	-	-	-	-	-	-	-	-
2.00	-	5.00	4.03b	2.87b	2.21	1.58	1.14	-	-	-	-	-	-	-
1.00	-	5.00	3.77r	2.83	2.03	1.49	1.10	-	-	-	-	-	-	-
0.00	-	-	4.40	2.73	1.94	1.43	-	-	-	-	-	-	-	-
-1.00	-	5.00	4.28	2.70	1.91	1.41	-	-	-	-	-	-	-	-
-2.00	-	5.00	4.18	2.73	1.92	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	4.27	2.81	2.02	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.58b	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	3.50b	2.72	-	-	-	-	-	-	-	-	-
5.00	-	-	-	3.73b	2.72	1.82	-	-	-	-	-	-	-	-
4.00	-	-	5.00	3.67	2.68	1.84	-	-	-	-	-	-	-	-
3.00	-	-	5.00	3.57	2.64b	1.82	-	-	-	-	-	-	-	-
2.00	-	5.00	5.00	3.51	2.63	1.76	1.14	-	-	-	-	-	-	-
1.00	-	5.00	5.00	3.38r	2.51	1.67	1.10	-	-	-	-	-	-	-
0.00	-	-	4.97	3.24	2.38	1.57	-	-	-	-	-	-	-	-
-1.00	-	5.00	4.79	3.13	2.19	1.49	-	-	-	-	-	-	-	-
-2.00	-	5.00	4.72	3.00	2.07	-	-	-	-	-	-	-	-	-
-3.00	5.00	5.00	4.62	2.92	2.04	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 160° - +/- 180° Over Fixed End
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	CANT	Hitch Lift Point - 3IL	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	1.99a	1.88a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.11b	1.66a	1.59a	-	-	-	-	-	-	-	-
6.00	-	-	-	3.18b	1.85a	1.43a	-	-	-	-	-	-	-	-
5.00	-	-	-	3.05a	2.25b	1.35a	1.34a	-	-	-	-	-	-	-
4.00	-	-	4.38b	3.00a	2.28b	1.41a	1.24	-	-	-	-	-	-	-
3.00	-	3.08k	3.52k	2.96b	2.24b	1.58a	1.18	-	-	-	-	-	-	-
2.00	-	3.60k	3.04k	2.89b	2.21r	1.64	1.18	0.93	-	-	-	-	-	-
1.00	3.07a	3.55k	3.05k	2.73r	2.08	1.54	1.14	0.92	-	-	-	-	-	-
0.00	2.83a	3.19a	2.99k	2.74	1.97	1.45	1.11	-	-	-	-	-	-	-
-1.00	2.68a	3.07a	3.17k	2.67	1.90	1.41	1.11	-	-	-	-	-	-	-
-2.00	3.49a	3.87k	3.09k	2.67	1.89	1.43	1.15	-	-	-	-	-	-	-
-3.00	4.38k	3.17k	3.13k	2.71	1.93	1.48	-	-	-	-	-	-	-	-
-4.00	3.84k	3.20k	3.31k	2.82	2.05	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.77b	2.11a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	3.51b	2.90	2.03	-	-	-	-	-	-	-	-
6.00	-	-	-	3.38b	2.88	2.16	-	-	-	-	-	-	-	-
5.00	-	-	-	3.67b	2.91	2.17	1.49	-	-	-	-	-	-	-
4.00	-	-	4.61b	3.80	2.86	2.14	1.51	-	-	-	-	-	-	-
3.00	-	7.44b	5.41	3.75	2.78	2.11	1.49	-	-	-	-	-	-	-
2.00	-	8.03b	5.30	3.63	2.72	2.10	1.45	0.96	-	-	-	-	-	-
1.00	5.48a	8.20b	5.27	3.60	2.71	2.02	1.39	0.92	-	-	-	-	-	-
0.00	5.72a	9.00r	5.17	3.54	2.61	1.93	1.31	-	-	-	-	-	-	-
-1.00	6.80a	8.92	5.02	3.41	2.49	1.80	1.23	-	-	-	-	-	-	-
-2.00	10.00	8.83	4.87	3.30	2.42	1.67	1.18	-	-	-	-	-	-	-
-3.00	10.00	9.04	4.97	3.29	2.27	1.61	-	-	-	-	-	-	-	-
-4.00	10.00	9.22	4.92	3.21	2.22	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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' artic, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE 80 of 84	



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 180°
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	SUPER CANT	Aux Lift Point - 4AU	



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.55	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.56	0.99	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.48	0.95	0.61	-	-	-	-	-	-	-	-
4.00	-	-	2.11	1.32	0.87	0.56	-	-	-	-	-	-	-	-
3.00	-	-	1.73	1.23	0.76	0.47	-	-	-	-	-	-	-	-
2.00	-	3.31	1.48	0.94	0.68	0.38	0.14	-	-	-	-	-	-	-
1.00	-	3.25	1.42	0.81	0.55	0.30	0.11	-	-	-	-	-	-	-
0.00	-	-	1.36	0.74	0.46	0.25	-	-	-	-	-	-	-	-
-1.00	-	2.82	1.28	0.71	0.43	0.22	-	-	-	-	-	-	-	-
-2.00	-	2.61	1.21	0.73	0.45	-	-	-	-	-	-	-	-	-
-3.00	5.00	2.53	1.27	0.79	0.55	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.56	-	-	-	-	-	-	-	-	-	-
6.00	-	-	-	1.57	1.01	-	-	-	-	-	-	-	-	-
5.00	-	-	-	1.52	1.05	0.62	-	-	-	-	-	-	-	-
4.00	-	-	2.22	1.46	1.03	0.63	-	-	-	-	-	-	-	-
3.00	-	-	2.06	1.40	1.01	0.61	-	-	-	-	-	-	-	-
2.00	-	3.54	2.02	1.36	0.97	0.56	0.14	-	-	-	-	-	-	-
1.00	-	3.32	1.98	1.30	0.89	0.47	0.11	-	-	-	-	-	-	-
0.00	-	-	1.75	1.09	0.79	0.38	-	-	-	-	-	-	-	-
-1.00	-	2.86	1.63	1.01	0.67	0.30	-	-	-	-	-	-	-	-
-2.00	-	2.83	1.58	0.93	0.59	-	-	-	-	-	-	-	-	-
-3.00	5.00	2.93	1.51	0.87	0.56	-	-	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 180°
Customer ID	11019	Osc Axle	FRONT-UNLOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	67%
System Type	PME RAIL	Date	17/09/2024
Config	SUPER CANT	Hitch Lift Point	- 4AU



Minimum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.42	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.28	1.43	1.07	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.54	0.90	0.70	-	-	-	-	-	-	-	-
6.00	-	-	-	1.59	0.98	0.59	-	-	-	-	-	-	-	-
5.00	-	-	-	1.54	0.99	0.60	0.36	-	-	-	-	-	-	-
4.00	-	-	2.25	1.39	0.92	0.60	0.24	-	-	-	-	-	-	-
3.00	-	3.08k	1.84	1.21	0.83	0.53	0.18	-	-	-	-	-	-	-
2.00	-	2.92	1.48	1.00	0.71	0.44	0.18	0.08	-	-	-	-	-	-
1.00	3.07a	2.37	1.24	0.83	0.60	0.35	0.14	0.06	-	-	-	-	-	-
0.00	2.83a	2.03	1.11	0.74	0.49	0.26	0.11	-	-	-	-	-	-	-
-1.00	2.68a	1.97	1.07	0.69	0.43	0.23	0.11	-	-	-	-	-	-	-
-2.00	3.49a	2.03	1.08	0.69	0.42	0.24	0.15	-	-	-	-	-	-	-
-3.00	4.38k	2.14	1.13	0.72	0.46	0.29	-	-	-	-	-	-	-	-
-4.00	3.84k	2.36	1.23	0.79	0.57	-	-	-	-	-	-	-	-	-

Maximum Loads

	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00
9.00	-	-	2.42	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	2.28	1.70	1.10	-	-	-	-	-	-	-	-	-
7.00	-	-	-	1.64	1.22	0.76	-	-	-	-	-	-	-	-
6.00	-	-	-	1.65	1.22	0.84	-	-	-	-	-	-	-	-
5.00	-	-	-	1.65	1.19	0.86	0.49	-	-	-	-	-	-	-
4.00	-	-	2.33	1.63	1.15	0.85	0.50	-	-	-	-	-	-	-
3.00	-	3.85	2.30	1.54	1.10	0.83	0.50	-	-	-	-	-	-	-
2.00	-	3.62	2.15	1.46	1.07	0.81	0.45	0.10	-	-	-	-	-	-
1.00	5.48a	3.65	2.11	1.44	1.06	0.75	0.38	0.07	-	-	-	-	-	-
0.00	5.72a	3.36	2.00	1.35	0.96	0.68	0.31	-	-	-	-	-	-	-
-1.00	6.80a	3.02	1.78	1.21	0.87	0.59	0.23	-	-	-	-	-	-	-
-2.00	9.21	2.96	1.68	1.13	0.82	0.47	0.18	-	-	-	-	-	-	-
-3.00	9.66	3.10	1.75	1.13	0.73	0.41	-	-	-	-	-	-	-	-
-4.00	10.00	3.22	1.72	1.07	0.69	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 180°
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	SUPER CANT	Aux Lift Point - 4AL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.01a	2.71	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.16b	2.66b	2.09	1.56	-	-	-	-	-	-
5.00	-	-	-	3.69b	3.09b	2.63b	2.02	1.55	1.18	-	-	-	-	-
4.00	-	-	4.29b	3.55b	3.00b	2.43	1.86	1.45	1.12	0.84	-	-	-	-
3.00	-	5.00	4.33b	3.44b	2.92b	2.13	1.65	1.30	1.01	0.78	-	-	-	-
2.00	5.00	4.98b	4.03b	3.08	2.36	1.83	1.49	1.14	0.90	0.69	0.51	-	-	-
1.00	5.00	4.75r	3.77r	2.77	2.08	1.61	1.27	1.00	0.79	0.62	0.47	-	-	-
0.00	-	5.00	4.22	2.70	1.93	1.48	1.15	0.98	0.73	0.56	-	-	-	-
-1.00	5.00	5.00	4.03	2.59	1.88	1.43	1.11	0.93	0.70	-	-	-	-	-
-2.00	5.00	5.00	3.87	2.65	1.92	1.45	1.13	0.91	-	-	-	-	-	-
-3.00	5.00	5.00	4.00	2.79	2.04	1.57	1.26	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.00	-	-	-	-	3.58b	2.71	-	-	-	-	-	-	-	-
6.00	-	-	-	-	3.50b	2.83	2.15	1.56	-	-	-	-	-	-
5.00	-	-	-	3.96b	3.50	2.78b	2.22	1.66	1.19	-	-	-	-	-
4.00	-	-	5.00	4.30	3.36	2.70	2.18	1.68	1.22	0.85	-	-	-	-
3.00	-	5.00	5.00	3.92	3.24b	2.61	2.14	1.65	1.19	0.83	-	-	-	-
2.00	5.00	5.00	5.00	4.01	3.18	2.57	2.06	1.55	1.12	0.79	0.51	-	-	-
1.00	5.00	5.00	5.00	3.95	3.09	2.43	1.90	1.41	1.01	0.70	0.47	-	-	-
0.00	-	5.00	5.00	3.72	2.70	2.21	1.71	1.26	0.89	0.62	-	-	-	-
-1.00	5.00	5.00	4.86	3.48	2.53	2.05	1.47	1.09	0.79	-	-	-	-	-
-2.00	5.00	5.00	4.75	3.31	2.34	1.81	1.33	0.99	-	-	-	-	-	-
-3.00	5.00	5.00	4.59	3.13	2.22	1.69	1.28	-	-	-	-	-	-	-
-4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).



25 Benson Rd, Nuffield Industrial Estate
Poole, Dorset. BH17 0GB
Tel: 01202 441000
E-mail: info@prolec.co.uk

Rated Lift Capacity Chart

Machine Type	Komatsu PC138	Sector	+/- 180°
Customer ID	11019	Osc Axle	FRONT-LOCKED
Equipment	1.96m + 3.23m + 2.50m	Safety Factor	90%
System Type	PME RAIL	Date	17/09/2024
Config	SUPER CANT	Hitch Lift Point - 4AL	



Minimum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	3.43a	1.99a	1.92a	1.88a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.11b	1.77k	1.66a	1.52a	1.35	-	-	-	-	-
6.00	-	-	-	-	3.18b	2.68b	1.85a	1.50a	1.16	1.00	-	-	-	-
5.00	-	-	-	3.24a	3.05a	2.68b	2.09	1.56a	1.17	0.84	0.77	-	-	-
4.00	-	5.05k	4.38b	2.80a	3.00a	2.57	1.96	1.52	1.17	0.87	0.63	0.55	-	-
3.00	3.08k	3.18k	3.52k	3.48b	2.93	2.27	1.78	1.40	1.09	0.83	0.56	0.48	-	-
2.00	3.60k	3.02k	3.04k	3.12k	2.51	1.93	1.54	1.21	0.97	0.76	0.56	0.44	0.38	-
1.00	3.55k	3.05k	3.05k	2.85	2.13	1.68	1.34	1.06	0.85	0.67	0.51	0.42	0.36	-
0.00	3.19a	3.44k	2.99k	2.62	1.94	1.49	1.19	0.94	0.75	0.59	0.48	0.41	-	-
-1.00	3.07a	3.64a	3.17k	2.50	1.84	1.40	1.11	0.88	0.70	0.57	0.48	0.42	-	-
-2.00	3.87k	3.31k	3.09k	2.49	1.83	1.40	1.10	0.88	0.72	0.60	0.52	-	-	-
-3.00	3.17k	3.17k	3.13k	2.58	1.89	1.45	1.15	0.94	0.78	0.70	-	-	-	-
-4.00	3.20k	3.12k	3.31k	2.77	2.06	1.60	1.30	-	-	-	-	-	-	-

Maximum Loads

	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
9.00	-	-	3.54a	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	4.30a	4.37b	3.60	3.00a	2.11a	-	-	-	-	-	-	-
7.00	-	-	-	-	3.51b	3.00	2.55	1.98	1.46	-	-	-	-	-
6.00	-	-	-	-	3.38b	3.00	2.54	2.05	1.61	1.20	-	-	-	-
5.00	-	-	-	3.61a	3.61	2.99a	2.49	2.02	1.64	1.27	0.92	-	-	-
4.00	-	5.05k	4.61b	4.47	3.56	2.96	2.41b	1.97	1.62	1.28	0.95	0.66	-	-
3.00	7.44b	6.88b	5.62b	4.43	3.48	2.82	2.32	1.91	1.60	1.27	0.94	0.65	-	-
2.00	8.03b	7.85b	5.48b	4.21b	3.33	2.73	2.25	1.87	1.56	1.20	0.88	0.63	0.40	-
1.00	8.20b	7.71	5.53b	4.17b	3.29b	2.70	2.21	1.80	1.44	1.11	0.80	0.56	0.37	-
0.00	9.31b	8.23	5.42r	4.03	3.17	2.56	2.04	1.64	1.32	0.99	0.71	0.50	-	-
-1.00	10.00	8.12	5.23	3.80	2.94	2.32	1.86	1.50	1.16	0.86	0.62	0.44	-	-
-2.00	10.00	7.91	4.98	3.59	2.78	2.19	1.76	1.34	1.01	0.76	0.56	-	-	-
-3.00	10.00	8.21	5.15	3.65	2.78	2.07	1.58	1.21	0.93	0.70	-	-	-	-
-4.00	10.00	8.19	5.07	3.52	2.65	1.98	1.51	-	-	-	-	-	-	-

NOTES	SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower). 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 84	Loads marked 'b' boom, 'a' arm, 'r' artic, 'k' bucket and 'c' capped are limited by hydraulic capacity (87% of system maximum hydraulic pressure).