

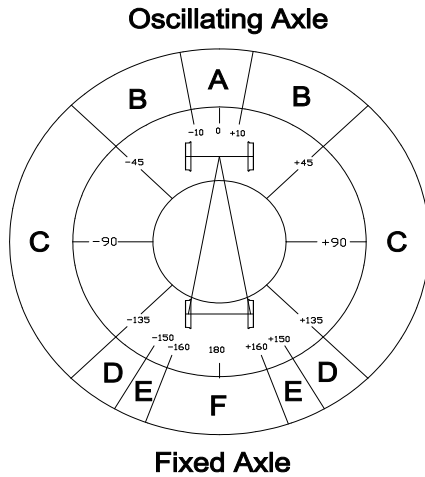
ROADRAILER

by REXQUOTE

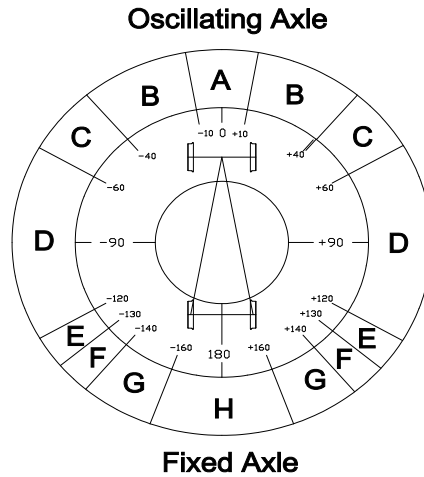
e-mail: sales@rexquote.co.uk

Web: www.rexquote.co.uk

TEL:01823 433398

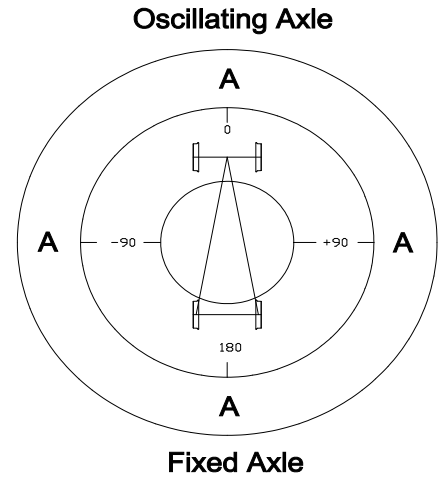


Road Duties



Rail Duties

Level Rail 0 - 50 mm
Canted Rail 50 - 100 mm
Canted Rail 100 - 150 mm



Rail Duties

Maximum Cant + Twist
150 + 27 mm

Machine fitted with permanently attached Quick Hitch

Machine Type:	Komatsu PW160	
Serial Number:	H55777	
Rail Axle Number:	2355	
Network Rail Number:	99709 910030-4	
Equipment:	Boom 2.0m Artic 3.4m Arm 2.5m	
Date:	08th April 2014	
Issue:	1	
Software Versions:		
	Safety Controller	V1.23.9.0
	I/O Controller 1	V1.23.9.0
	I/O Controller 2	V1.23.10.0
	MMI	V1.23.8.7
	Serial CAN Interface	V1.0.0.17
	Boot Code	V1.22.0.19

This machine is equipped with a PME Rated Capacity Indicator. This system is designed to comply with RAILWAY SAFETY STANDARD RIS-1530-PLT Issue 4


Radius / Height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom.

This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts on the following pages show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity.

All rail duties listed are valid for use on and up to a 1:25 gradient, and with a maximum track twist of 27mm.

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
AU Road	ROAD	+/- 10° Over Osc End		71%


RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.95a	1.67a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	1.46a	1.44a	-	-	-	-	-	-	-	-
6.00	-	-	-	2.78a	2.54a	1.35a	1.39a	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.65a	2.83b	1.29a	1.30a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	2.96a	2.80b	1.29a	1.29a	1.31a	-	-	-	-	-	-
3.00	-	-	4.63a	3.56b	2.72b	1.31a	1.29a	1.29a	-	-	-	-	-	-
2.00	-	6.88r	4.67b	3.45b	2.67b	1.38a	1.34a	1.32a	-	-	-	-	-	-
1.00	-	4.81a	4.29r	3.29r	2.51r	1.47a	1.45a	1.37a	-	-	-	-	-	-
0.00	7.56a	4.82a	4.51r	3.37r	2.83r	1.64a	1.52a	1.46a	-	-	-	-	-	-
-1.00	8.24a	5.85a	4.99a	4.09	2.35a	1.88a	1.73a	1.64a	-	-	-	-	-	-
-2.00	9.01a	7.42a	5.76	3.48a	2.50a	2.06a	1.76a	1.72a	-	-	-	-	-	-
-3.00	8.93r	9.64	5.82	3.88a	2.83a	2.21a	2.09a	-	-	-	-	-	-	-
-4.00	12.00	10.28	6.15	4.34	3.31a	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
AU Road	ROAD	+/- 10° Over Osc End		71%

RADIUS

MAXIMUM LOADS

HEIGHT


	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.95a	2.77a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.93a	2.81a	-	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	2.97a	2.66a	-	-	-	-	-	-	-
5.00	-	-	2.60a	3.09a	3.28a	3.24a	2.97	2.14a	-	-	-	-	-	-
4.00	-	-	5.58a	4.67a	4.02	3.67	2.98a	2.35	-	-	-	-	-	-
3.00	-	-	7.09b	6.61	4.79	3.72	2.99	2.33	-	-	-	-	-	-
2.00	-	9.11a	9.05a	6.43	4.68	3.66	2.96	2.32	-	-	-	-	-	-
1.00	-	10.46	9.83	6.46	4.68	3.66	2.91	2.28	-	-	-	-	-	-
0.00	9.21a	12.00	9.98	6.42	4.67	3.63	2.82	2.22	-	-	-	-	-	-
-1.00	12.00	12.00	9.80	6.30	4.59	3.55	2.73	2.17	-	-	-	-	-	-
-2.00	12.00	12.00	9.90	6.24	4.54	3.42	2.66	1.72a	-	-	-	-	-	-
-3.00	12.00	12.00	9.88	6.26	4.43	3.34	2.62	-	-	-	-	-	-	-
-4.00	12.00	12.00	9.74	6.05	4.31	-	-	-	-	-	-	-	-	-



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. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	1 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
BU Road	ROAD	+/- 10° - +/- 45° Over Osc End		71%


RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.95a	1.67a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	1.46a	1.44a	-	-	-	-	-	-	-	-
6.00	-	-	-	2.78a	2.42	1.35a	1.39a	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.65a	2.38	1.29a	1.30a	1.27	-	-	-	-	-	-
4.00	-	-	2.56a	2.96a	2.25	1.29a	1.29a	1.13	-	-	-	-	-	-
3.00	-	-	3.87	2.69	2.11	1.31a	1.29a	1.05	-	-	-	-	-	-
2.00	-	5.99	3.55	2.46	1.93	1.38a	1.26	1.02	-	-	-	-	-	-
1.00	-	4.81a	3.22	2.29	1.85	1.47a	1.20	1.02	-	-	-	-	-	-
0.00	7.56a	4.82a	3.14	2.29	1.78	1.43	1.18	1.03	-	-	-	-	-	-
-1.00	8.24a	4.93	3.10	2.25	1.73	1.41	1.16	1.08	-	-	-	-	-	-
-2.00	9.01a	5.05	3.15	2.25	1.73	1.40	1.17	1.18	-	-	-	-	-	-
-3.00	8.93r	5.18	3.21	2.30	1.76	1.43	1.37	-	-	-	-	-	-	-
-4.00	12.00	5.71	3.48	2.45	1.94	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
BU Road	ROAD	+/- 10° - +/- 45° Over Osc End		71%

RADIUS

MAXIMUM LOADS

HEIGHT


	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.95a	2.77a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.93a	2.44	-	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.94	2.45	1.85a	-	-	-	-	-	-	-
5.00	-	-	2.60a	3.09a	3.08	2.44	1.87	1.38	-	-	-	-	-	-
4.00	-	-	4.82	3.88a	3.14	2.40	1.87	1.38	-	-	-	-	-	-
3.00	-	-	5.09	4.18	3.05	2.36	1.87	1.37	-	-	-	-	-	-
2.00	-	7.50	6.03	4.03	2.98	2.33	1.84	1.35	-	-	-	-	-	-
1.00	-	7.63	6.03	3.98	2.96	2.32	1.78	1.32	-	-	-	-	-	-
0.00	9.21a	9.29a	5.67	3.90	2.87	2.23	1.68	1.25	-	-	-	-	-	-
-1.00	12.00	10.80	5.47	3.70	2.75	2.14	1.59	1.21	-	-	-	-	-	-
-2.00	12.00	10.60	5.50	3.62	2.67	2.02	1.50	1.18	-	-	-	-	-	-
-3.00	12.00	7.47	5.49	3.63	2.57	1.91	1.46	-	-	-	-	-	-	-
-4.00	12.00	6.59	5.41	3.46	2.47	-	-	-	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	2 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

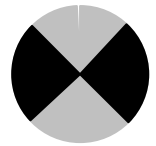
Duty	Config	Sector	Osc Axle	Safety
CU Road	ROAD	+/- 45° - +/- 135°		71%


RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.95a	1.67a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	1.46a	1.44a	-	-	-	-	-	-	-	-
6.00	-	-	-	2.78a	2.24	1.35a	1.26	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.65a	2.20	1.29a	1.24	1.14	-	-	-	-	-	-
4.00	-	-	2.56a	2.77	2.07	1.29a	1.21	0.99	-	-	-	-	-	-
3.00	-	-	3.63	2.47	1.92	1.31a	1.16	0.92	-	-	-	-	-	-
2.00	-	5.73	3.29	2.24	1.74	1.38a	1.12	0.89	-	-	-	-	-	-
1.00	-	4.81a	2.95	2.07	1.66	1.34	1.05	0.89	-	-	-	-	-	-
0.00	7.56a	4.69	2.86	2.06	1.59	1.27	1.04	0.90	-	-	-	-	-	-
-1.00	8.24a	4.62	2.83	2.02	1.54	1.25	1.01	0.94	-	-	-	-	-	-
-2.00	9.01a	4.74	2.88	2.02	1.54	1.24	1.03	1.03	-	-	-	-	-	-
-3.00	8.93r	4.87	2.94	2.07	1.56	1.26	1.22	-	-	-	-	-	-	-
-4.00	12.00	5.43	3.21	2.22	1.74	-	-	-	-	-	-	-	-	-



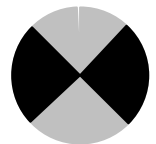
Duty	Config	Sector	Osc Axle	Safety
CU Road	ROAD	+/- 45° - +/- 135°		71%

RADIUS

MAXIMUM LOADS

HEIGHT


	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.95a	2.77a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.93a	2.27	-	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.90a	2.28	1.69	-	-	-	-	-	-	-
5.00	-	-	2.60a	3.09a	2.97a	2.26	1.71	1.24	-	-	-	-	-	-
4.00	-	-	4.58	3.76	2.94	2.22	1.73	1.24	-	-	-	-	-	-
3.00	-	-	4.84	3.94	2.84	2.19	1.71	1.23	-	-	-	-	-	-
2.00	-	7.27	5.77	3.79	2.77	2.16	1.68	1.21	-	-	-	-	-	-
1.00	-	7.47	5.77	3.74	2.76	2.14	1.62	1.17	-	-	-	-	-	-
0.00	9.21a	9.29a	5.39	3.66	2.67	2.05	1.52	1.11	-	-	-	-	-	-
-1.00	12.00	10.75	5.18	3.45	2.54	1.96	1.43	1.07	-	-	-	-	-	-
-2.00	12.00	10.53	5.22	3.37	2.46	1.83	1.34	1.03	-	-	-	-	-	-
-3.00	12.00	7.22	5.21	3.38	2.35	1.73	1.30	-	-	-	-	-	-	-
-4.00	12.00	6.32	5.12	3.20	2.25	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	3 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
DU Road	ROAD	+/- 135° - +/- 150° Over Fixed End		71%


RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.19a	2.04a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.94a	1.84a	1.67a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.68a	1.55a	1.46a	1.47a	1.44a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.79a	1.45a	1.37a	1.34a	1.36a	1.39a	-	-
5.00	-	-	-	2.60a	2.71a	2.80a	2.92a	2.64b	1.33a	1.29a	1.31a	1.30a	1.32a	-
4.00	-	-	2.56a	2.70a	2.93a	3.10a	2.94b	2.58b	1.81a	1.29a	1.29a	1.31a	1.30a	-
3.00	-	-	4.98a	4.32b	3.74b	3.31b	2.85b	2.56b	1.53a	1.29a	1.29a	1.29a	1.29a	1.29a
2.00	6.88r	6.18b	5.17b	4.27b	3.65b	3.23b	2.84b	2.39r	1.59a	1.34a	1.34a	1.34a	1.33a	1.31a
1.00	4.82a	4.85a	4.60r	3.87r	3.40r	3.07r	2.64r	2.43r	1.73a	1.41a	1.45a	1.44a	1.37a	1.44a
0.00	5.27a	4.76a	4.76a	4.03r	3.64r	3.29r	2.91r	2.69a	1.68a	1.60a	1.60a	1.52a	1.46a	1.46a
-1.00	6.66a	5.36a	4.99a	5.42r	4.33r	3.80r	2.46a	2.18a	1.89a	1.86a	1.73a	1.64a	1.59a	-
-2.00	7.42a	7.57a	7.15b	6.25b	3.68a	3.30a	2.61a	2.38a	2.22a	2.04a	1.86a	1.72a	-	-
-3.00	12.00	9.07b	7.38b	5.79a	4.05a	3.38a	3.08a	2.70a	2.30a	2.15a	2.03a	-	-	-
-4.00	12.00	9.99b	7.25b	5.51a	4.67a	3.94a	3.30a	2.92a	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
DU Road	ROAD	+/- 135° - +/- 150° Over Fixed End		71%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.50a	2.34a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.78a	2.95a	2.77a	2.28a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.26a	-	-	-	-
6.00	-	-	-	-	-	2.93a	3.00a	3.01a	3.00a	2.89a	2.55a	1.64a	-	-
5.00	-	-	-	2.83a	3.02a	3.19a	3.27a	3.28a	3.28a	3.22a	3.04a	2.65a	1.72a	-
4.00	-	-	5.08a	5.58a	5.19a	4.59a	4.26a	4.05a	3.91a	3.74a	3.50a	3.17a	2.58a	-
3.00	-	-	7.09b	7.25b	7.27b	6.82b	5.89b	5.37b	4.85b	4.50b	4.15a	3.64a	3.05a	1.82a
2.00	8.22r	9.27b	9.11b	8.82a	8.21b	7.42b	6.45b	5.77b	5.20b	4.71b	4.37b	4.11b	3.41a	2.03a
1.00	10.32r	11.25b	10.83a	9.81b	8.86b	7.70b	6.75b	5.97b	5.42b	4.94b	4.52b	4.19b	3.52a	1.92a
0.00	12.00	12.00	12.00	10.47b	8.95b	7.75b	6.82b	6.06b	5.48b	4.99b	4.57b	4.19b	3.48a	1.46a
-1.00	12.00	12.00	12.00	10.74b	9.13b	7.89b	6.93b	6.17b	5.59b	5.04b	4.60b	4.12b	2.79a	-
-2.00	12.00	12.00	12.00	11.10b	9.42b	8.14b	7.07b	6.20b	5.57b	5.00b	4.33b	3.55a	-	-
-3.00	12.00	12.00	12.00	11.18b	9.47b	8.11b	7.07b	6.00a	5.10b	4.32b	3.16a	-	-	-
-4.00	12.00	12.00	12.00	10.00b	8.17b	6.84b	5.58b	4.28b	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	4 of 62

RATED LIFT CAPACITY CHART

Your safety, your profit, our commitment

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
EU Road	ROAD	+/- 150° - +/- 160° Over Fixed End		71%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.19a	2.04a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.94a	1.84a	1.67a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.68a	1.55a	1.46a	1.47a	1.44a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.79a	1.45a	1.37a	1.34a	1.36a	1.39a	-	-
5.00	-	-	-	2.60a	2.71a	2.80a	2.92a	2.64b	1.33a	1.29a	1.31a	1.30a	1.32a	-
4.00	-	-	2.56a	2.70a	2.93a	3.10a	2.94b	2.58b	1.81a	1.29a	1.29a	1.31a	1.30a	-
3.00	-	-	4.98a	4.32b	3.74b	3.31b	2.85b	2.56b	1.53a	1.29a	1.29a	1.29a	1.29a	1.29a
2.00	6.88r	6.18b	5.17b	4.27b	3.65b	3.23b	2.84b	2.39r	1.59a	1.34a	1.34a	1.34a	1.33a	1.31a
1.00	4.82a	4.85a	4.60r	3.87r	3.40r	3.07r	2.64r	2.43r	1.73a	1.41a	1.45a	1.44a	1.37a	1.44a
0.00	5.27a	4.76a	4.76a	4.03r	3.64r	3.29r	2.91r	2.69a	1.68a	1.60a	1.60a	1.52a	1.46a	1.46a
-1.00	6.66a	5.36a	4.99a	5.42r	4.33r	3.80r	2.46a	2.18a	1.89a	1.86a	1.73a	1.64a	1.59a	-
-2.00	7.42a	7.57a	7.15b	6.25b	3.68a	3.30a	2.61a	2.38a	2.22a	2.04a	1.86a	1.72a	-	-
-3.00	12.00	9.07b	7.38b	5.79a	4.05a	3.38a	3.08a	2.70a	2.30a	2.15a	2.03a	-	-	-
-4.00	12.00	9.99b	7.25b	5.51a	4.67a	3.94a	3.30a	2.92a	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
EU Road	ROAD	+/- 150° - +/- 160° Over Fixed End		71%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.50a	2.34a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.78a	2.95a	2.77a	2.28a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.26a	-	-	-	-
6.00	-	-	-	-	-	2.93a	3.00a	3.01a	3.00a	2.89a	2.55a	1.64a	-	-
5.00	-	-	-	2.83a	3.02a	3.19a	3.27a	3.28a	3.28a	3.22a	3.04a	2.65a	1.72a	-
4.00	-	-	5.08a	5.58a	5.19a	4.59a	4.26a	4.05a	3.91a	3.74a	3.50a	3.17a	2.58a	-
3.00	-	-	7.09b	7.25b	7.27b	6.82b	5.89b	5.37b	4.85b	4.50b	4.15a	3.64a	3.05a	1.82a
2.00	8.22r	9.27b	9.11b	8.82a	8.21b	7.42b	6.45b	5.77b	5.20b	4.71b	4.37b	4.11b	3.41a	2.03a
1.00	10.32r	11.25b	10.83a	9.81b	8.86b	7.70b	6.75b	5.97b	5.42b	4.94b	4.52b	4.19b	3.52a	1.92a
0.00	12.00	12.00	12.00	10.47b	8.95b	7.75b	6.82b	6.06b	5.48b	4.99b	4.57b	4.19b	3.48a	1.46a
-1.00	12.00	12.00	12.00	10.74b	9.13b	7.89b	6.93b	6.17b	5.59b	5.04b	4.60b	4.12b	2.79a	-
-2.00	12.00	12.00	12.00	11.10b	9.42b	8.14b	7.07b	6.20b	5.57b	5.00b	4.33b	3.55a	-	-
-3.00	12.00	12.00	12.00	11.18b	9.47b	8.11b	7.07b	6.00a	5.10b	4.32b	3.16a	-	-	-
-4.00	12.00	12.00	12.00	10.00b	8.17b	6.84b	5.58b	4.28b	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	5 of 62

RATED LIFT CAPACITY CHART

Your safety, your profit, our commitment

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
FU Road	ROAD	+/- 160° - +/- 180° Over Fixed End		71%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.19a	2.04a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.94a	1.84a	1.67a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.68a	1.55a	1.46a	1.47a	1.44a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.79a	1.45a	1.37a	1.34a	1.36a	1.39a	-	-
5.00	-	-	-	2.60a	2.71a	2.80a	2.92a	2.64b	1.33a	1.29a	1.31a	1.30a	1.32a	-
4.00	-	-	2.56a	2.70a	2.93a	3.10a	2.94b	2.58b	1.81a	1.29a	1.29a	1.31a	1.30a	-
3.00	-	-	4.98a	4.32b	3.74b	3.31b	2.85b	2.56b	1.53a	1.29a	1.29a	1.29a	1.29a	1.29a
2.00	6.88r	6.18b	5.17b	4.27b	3.65b	3.23b	2.84b	2.39r	1.59a	1.34a	1.34a	1.34a	1.33a	1.31a
1.00	4.82a	4.85a	4.60r	3.87r	3.40r	3.07r	2.64r	2.43r	1.73a	1.41a	1.45a	1.44a	1.37a	1.44a
0.00	5.27a	4.76a	4.76a	4.03r	3.64r	3.29r	2.91r	2.69a	1.68a	1.60a	1.60a	1.52a	1.46a	1.46a
-1.00	6.66a	5.36a	4.99a	5.42r	4.33r	3.80r	2.46a	2.18a	1.89a	1.86a	1.73a	1.64a	1.59a	-
-2.00	7.42a	7.57a	7.15b	6.25b	3.68a	3.30a	2.61a	2.38a	2.22a	2.04a	1.86a	1.72a	-	-
-3.00	12.00	9.07b	7.38b	5.79a	4.05a	3.38a	3.08a	2.70a	2.30a	2.15a	2.03a	-	-	-
-4.00	12.00	9.99b	7.25b	5.51a	4.67a	3.94a	3.30a	2.92a	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
FU Road	ROAD	+/- 160° - +/- 180° Over Fixed End		71%

RADIUS

MAXIMUM LOADS

HEIGHT


	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.50a	2.34a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.78a	2.95a	2.77a	2.28a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.26a	-	-	-	-
6.00	-	-	-	-	-	2.93a	3.00a	3.01a	3.00a	2.89a	2.55a	1.64a	-	-
5.00	-	-	-	2.83a	3.02a	3.19a	3.27a	3.28a	3.28a	3.22a	3.04a	2.65a	1.72a	-
4.00	-	-	5.08a	5.58a	5.19a	4.59a	4.26a	4.05a	3.91a	3.74a	3.50a	3.17a	2.58a	-
3.00	-	-	7.09b	7.25b	7.27b	6.82b	5.89b	5.37b	4.85b	4.50b	4.15a	3.64a	3.05a	1.82a
2.00	8.22r	9.27b	9.11b	8.82a	8.21b	7.42b	6.45b	5.77b	5.20b	4.71b	4.37b	4.11b	3.41a	2.03a
1.00	10.32r	11.25b	10.83a	9.81b	8.86b	7.70b	6.75b	5.97b	5.42b	4.94b	4.52b	4.19b	3.52a	1.92a
0.00	12.00	12.00	12.00	10.47b	8.95b	7.75b	6.82b	6.06b	5.48b	4.99b	4.57b	4.19b	3.48a	1.46a
-1.00	12.00	12.00	12.00	10.74b	9.13b	7.89b	6.93b	6.17b	5.59b	5.04b	4.60b	4.12b	2.79a	-
-2.00	12.00	12.00	12.00	11.10b	9.42b	8.14b	7.07b	6.20b	5.57b	5.00b	4.33b	3.55a	-	-
-3.00	12.00	12.00	12.00	11.18b	9.47b	8.11b	7.07b	6.00a	5.10b	4.32b	3.16a	-	-	-
-4.00	12.00	12.00	12.00	10.00b	8.17b	6.84b	5.58b	4.28b	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	6 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
AL Road	ROAD	+/- 10° Over Osc End		71%


RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.19a	2.04a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.94a	1.84a	1.67a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.68a	1.55a	1.46a	1.47a	1.44a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.79a	1.45a	1.37a	1.34a	1.36a	1.39a	-	-
5.00	-	-	-	2.60a	2.71a	2.80a	2.92a	2.64b	1.33a	1.29a	1.31a	1.30a	1.32a	-
4.00	-	-	2.56a	2.70a	2.93a	3.10a	2.94b	2.58b	1.81a	1.29a	1.29a	1.31a	1.30a	-
3.00	-	-	4.98a	4.32b	3.74b	3.31b	2.85b	2.56b	1.53a	1.29a	1.29a	1.29a	1.29a	1.29a
2.00	6.88r	6.18b	5.17b	4.27b	3.65b	3.23b	2.84b	2.39r	1.59a	1.34a	1.34a	1.34a	1.33a	1.31a
1.00	4.82a	4.85a	4.60r	3.87r	3.40r	3.07r	2.64r	2.43r	1.73a	1.41a	1.45a	1.44a	1.37a	1.44a
0.00	5.27a	4.76a	4.76a	4.03r	3.64r	3.29r	2.91r	2.69a	1.68a	1.60a	1.60a	1.52a	1.46a	1.46a
-1.00	6.66a	5.36a	4.99a	5.42r	4.33r	3.80r	2.46a	2.18a	1.89a	1.86a	1.73a	1.64a	1.59a	-
-2.00	7.42a	7.57a	7.15b	6.25b	3.68a	3.30a	2.61a	2.38a	2.22a	2.04a	1.86a	1.72a	-	-
-3.00	12.00	9.07b	7.38b	5.79a	4.05a	3.38a	3.08a	2.70a	2.30a	2.15a	2.03a	-	-	-
-4.00	12.00	9.99b	7.25b	5.51a	4.67a	3.94a	3.30a	2.92a	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
AL Road	ROAD	+/- 10° Over Osc End		71%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.50a	2.34a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.78a	2.95a	2.77a	2.28a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.26a	-	-	-	-
6.00	-	-	-	-	-	2.93a	3.00a	3.01a	3.00a	2.89a	2.55a	1.64a	-	-
5.00	-	-	-	2.83a	3.02a	3.19a	3.27a	3.28a	3.28a	3.22a	3.04a	2.65a	1.72a	-
4.00	-	-	5.08a	5.58a	5.19a	4.59a	4.26a	4.05a	3.91a	3.74a	3.50a	3.17a	2.58a	-
3.00	-	-	7.09b	7.25b	7.27b	6.82b	5.89b	5.37b	4.85b	4.50b	4.15a	3.64a	3.05a	1.82a
2.00	8.22r	9.27b	9.11b	8.82a	8.21b	7.42b	6.45b	5.77b	5.20b	4.71b	4.37b	4.11b	3.41a	2.03a
1.00	10.32r	11.25b	10.83a	9.81b	8.86b	7.70b	6.75b	5.97b	5.42b	4.94b	4.52b	4.19b	3.52a	1.92a
0.00	12.00	12.00	12.00	10.47b	8.95b	7.75b	6.82b	6.06b	5.48b	4.99b	4.57b	4.19b	3.48a	1.46a
-1.00	12.00	12.00	12.00	10.74b	9.13b	7.89b	6.93b	6.17b	5.59b	5.04b	4.60b	4.12b	2.79a	-
-2.00	12.00	12.00	12.00	11.10b	9.42b	8.14b	7.07b	6.20b	5.57b	5.00b	4.33b	3.55a	-	-
-3.00	12.00	12.00	12.00	11.18b	9.47b	8.11b	7.07b	6.00a	5.10b	4.32b	3.16a	-	-	-
-4.00	12.00	12.00	12.00	10.00b	8.17b	6.84b	5.58b	4.28b	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	7 of 62

RATED LIFT CAPACITY CHART

Your safety, your profit, our commitment

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
BL Road	ROAD	+/- 10° - +/- 45° Over Osc End		71%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.95a	1.67a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	1.46a	1.44a	-	-	-	-	-	-	-	-
6.00	-	-	-	2.78a	2.54a	1.35a	1.39a	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.65a	2.83b	1.29a	1.30a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	2.96a	2.80b	1.29a	1.29a	1.31a	-	-	-	-	-	-
3.00	-	-	4.63a	3.56b	2.72b	1.31a	1.29a	1.29a	-	-	-	-	-	-
2.00	-	6.88r	4.67b	3.45b	2.67b	1.38a	1.34a	1.32a	-	-	-	-	-	-
1.00	-	4.81a	4.29r	3.29r	2.51r	1.47a	1.45a	1.37a	-	-	-	-	-	-
0.00	7.56a	4.82a	4.51r	3.37r	2.72	1.64a	1.52a	1.46a	-	-	-	-	-	-
-1.00	8.24a	5.85a	4.70	3.42	2.35a	1.88a	1.73a	1.64a	-	-	-	-	-	-
-2.00	9.01a	7.42a	4.75	3.42	2.50a	2.06a	1.76a	1.72a	-	-	-	-	-	-
-3.00	8.93r	7.71	4.81	3.47	2.69	2.20	2.09a	-	-	-	-	-	-	-
-4.00	12.00	8.28	5.11	3.65	2.89	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
BL Road	ROAD	+/- 10° - +/- 45° Over Osc End		71%

RADIUS

MAXIMUM LOADS

HEIGHT


	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.95a	2.77a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.93a	2.81a	-	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	2.97a	2.58	-	-	-	-	-	-	-
5.00	-	-	2.60a	3.09a	3.28a	3.20a	2.60a	2.03	-	-	-	-	-	-
4.00	-	-	5.58a	4.56	3.92a	3.31	2.62	2.02	-	-	-	-	-	-
3.00	-	-	6.54	5.65	4.15	3.26	2.60	2.02	-	-	-	-	-	-
2.00	-	9.11a	8.38	5.53	4.09	3.22	2.57	1.99	-	-	-	-	-	-
1.00	-	9.84	8.30	5.49	4.08	3.21	2.53	1.95	-	-	-	-	-	-
0.00	9.21a	10.88a	8.10r	5.39	4.01	3.14	2.45	1.91	-	-	-	-	-	-
-1.00	12.00	12.00	7.92	5.30	3.93	3.08	2.36	1.86	-	-	-	-	-	-
-2.00	12.00	12.00	8.00	5.21	3.85	2.92	2.27	1.72a	-	-	-	-	-	-
-3.00	12.00	10.93	7.98	5.23	3.75	2.84	2.23	-	-	-	-	-	-	-
-4.00	12.00	9.61	7.87	5.04	3.64	-	-	-	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	8 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

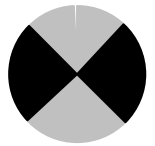
Duty	Config	Sector	Osc Axle	Safety
CL Road	ROAD	+/- 45° - +/- 135°		71%


RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.19a	2.04a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.94a	1.84a	1.67a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.68a	1.55a	1.46a	1.47a	1.44a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.79a	1.45a	1.37a	1.34a	1.36a	1.39a	-	-
5.00	-	-	-	2.60a	2.71a	2.80a	2.92a	2.64b	1.33a	1.29a	1.31a	1.30a	1.32a	-
4.00	-	-	2.56a	2.70a	2.93a	3.10a	2.94b	2.58b	1.81a	1.29a	1.29a	1.31a	1.30a	-
3.00	-	-	4.98a	4.32b	3.74b	3.31b	2.85b	2.56b	1.53a	1.29a	1.29a	1.29a	1.29a	1.29a
2.00	6.88r	6.18b	5.17b	4.27b	3.65b	3.23b	2.84b	2.39r	1.59a	1.34a	1.34a	1.34a	1.33a	1.31a
1.00	4.82a	4.85a	4.60r	3.87r	3.40r	3.07r	2.64r	2.43r	1.73a	1.41a	1.45a	1.44a	1.37a	1.44a
0.00	5.27a	4.76a	4.76a	4.03r	3.64r	3.29r	2.91r	2.62	1.68a	1.60a	1.60a	1.52a	1.46a	1.46a
-1.00	6.66a	5.36a	4.99a	4.83	4.03	3.41	2.46a	2.18a	1.89a	1.86a	1.73a	1.64a	1.59a	-
-2.00	7.42a	7.57a	6.16	4.88	3.68a	3.30a	2.61a	2.38a	2.22a	2.04a	1.86a	1.72a	-	-
-3.00	12.00	8.69	6.47	5.04	4.05a	3.38a	3.02	2.64	2.30a	2.12	2.03a	-	-	-
-4.00	12.00	8.74	6.40	5.14	4.28	3.61	3.10	2.77	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
CL Road	ROAD	+/- 45° - +/- 135°		71%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.50a	2.34a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.78a	2.95a	2.77a	2.28a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.26a	-	-	-	-
6.00	-	-	-	-	-	2.93a	3.00a	3.01a	3.00a	2.83	2.46	1.64a	-	-
5.00	-	-	-	2.83a	3.02a	3.19a	3.27a	3.28a	3.23	2.86	2.51	2.18	1.72a	-
4.00	-	-	5.08a	5.58a	5.19a	4.59a	4.12a	3.68	3.26	2.87	2.50	2.19	1.91	-
3.00	-	-	7.09b	7.09	5.74	4.88	4.18	3.64	3.19	2.84	2.49	2.18	1.90	1.64
2.00	8.22r	9.27b	9.00a	7.05b	5.65	4.78	4.10	3.58	3.16	2.83	2.46	2.15	1.88	1.65
1.00	10.32r	10.60a	9.16	7.05	5.69	4.70	4.11	3.55	3.16	2.77	2.40	2.10	1.85	1.61
0.00	12.00	12.00	9.00	6.90	5.62	4.58	4.02	3.52	3.09	2.68	2.34	2.04	1.80	1.46a
-1.00	12.00	12.00	8.87	6.76	5.50	4.60	3.92	3.44	2.97	2.56	2.24	1.97	1.74a	-
-2.00	12.00	12.00	8.82	6.77	5.48	4.55	3.88	3.32	2.85	2.48	2.16	1.92	-	-
-3.00	12.00	12.00	8.61	6.81	5.43	4.46	3.75	3.18	2.76	2.40	2.14a	-	-	-
-4.00	12.00	12.00	8.87	6.71	5.27	4.34	3.64	3.14	-	-	-	-	-	-



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. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	9 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
DL Road	ROAD	+/- 135° - +/- 150° Over Fixed End		71%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.95a	1.67a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	1.46a	1.44a	-	-	-	-	-	-	-	-
6.00	-	-	-	2.78a	2.54a	1.35a	1.39a	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.65a	2.83b	1.29a	1.30a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	2.96a	2.80b	1.29a	1.29a	1.31a	-	-	-	-	-	-
3.00	-	-	4.63a	3.56b	2.72b	1.31a	1.29a	1.29a	-	-	-	-	-	-
2.00	-	6.88r	4.67b	3.45b	2.67b	1.38a	1.34a	1.32a	-	-	-	-	-	-
1.00	-	4.81a	4.29r	3.29r	2.51r	1.47a	1.45a	1.37a	-	-	-	-	-	-
0.00	7.56a	4.82a	4.51r	3.37r	2.83r	1.64a	1.52a	1.46a	-	-	-	-	-	-
-1.00	8.24a	5.85a	4.99a	4.11r	2.35a	1.88a	1.73a	1.64a	-	-	-	-	-	-
-2.00	9.01a	7.42a	6.14	3.48a	2.50a	2.06a	1.76a	1.72a	-	-	-	-	-	-
-3.00	8.93r	9.82	6.19	3.88a	2.83a	2.21a	2.09a	-	-	-	-	-	-	-
-4.00	12.00	10.40	6.51	4.37a	3.31a	-	-	-	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
DL Road	ROAD	+/- 135° - +/- 150° Over Fixed End		71%

RADIUS

MAXIMUM LOADS

HEIGHT


	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	2.19a	2.22a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.95a	2.77a	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.93a	2.81a	-	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	2.97a	2.66a	-	-	-	-	-	-	-
5.00	-	-	2.60a	3.09a	3.28a	3.26a	3.08a	2.14a	-	-	-	-	-	-
4.00	-	-	5.58a	4.67a	4.16a	3.77a	3.21	2.60	-	-	-	-	-	-
3.00	-	-	7.09b	6.71b	5.06	3.98	3.23	2.59	-	-	-	-	-	-
2.00	-	9.11a	9.05a	6.75	4.98b	3.95	3.23	2.57	-	-	-	-	-	-
1.00	-	10.57	9.85a	6.71	4.99	3.96	3.18	2.53	-	-	-	-	-	-
0.00	9.21a	12.00	10.13	6.74	4.99	3.92	3.09	2.48	-	-	-	-	-	-
-1.00	12.00	12.00	9.97	6.65	4.90	3.86a	3.02	2.43	-	-	-	-	-	-
-2.00	12.00	12.00	10.06	6.59	4.88	3.74	2.96	1.72a	-	-	-	-	-	-
-3.00	12.00	12.00	10.04	6.60	4.78	3.66	2.91	-	-	-	-	-	-	-
-4.00	12.00	12.00	9.91	6.41	4.67	-	-	-	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	10 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
EL Road	ROAD	+/- 150° - +/- 160° Over Fixed End		71%


RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.19a	2.04a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.94a	1.84a	1.67a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.68a	1.55a	1.46a	1.47a	1.44a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.79a	1.45a	1.37a	1.34a	1.36a	1.39a	-	-
5.00	-	-	-	2.60a	2.71a	2.80a	2.92a	2.64b	1.33a	1.29a	1.31a	1.30a	1.32a	-
4.00	-	-	2.56a	2.70a	2.93a	3.10a	2.94b	2.58b	1.81a	1.29a	1.29a	1.31a	1.30a	-
3.00	-	-	4.98a	4.32b	3.74b	3.31b	2.85b	2.56b	1.53a	1.29a	1.29a	1.29a	1.29a	1.29a
2.00	6.88r	6.18b	5.17b	4.27b	3.65b	3.23b	2.84b	2.39r	1.59a	1.34a	1.34a	1.34a	1.33a	1.31a
1.00	4.82a	4.85a	4.60r	3.87r	3.40r	3.07r	2.64r	2.43r	1.73a	1.41a	1.45a	1.44a	1.37a	1.44a
0.00	5.27a	4.76a	4.76a	4.03r	3.64r	3.29r	2.91r	2.69a	1.68a	1.60a	1.60a	1.52a	1.46a	1.46a
-1.00	6.66a	5.36a	4.99a	5.42r	4.33r	3.80r	2.46a	2.18a	1.89a	1.86a	1.73a	1.64a	1.59a	-
-2.00	7.42a	7.57a	7.15b	6.25b	3.68a	3.30a	2.61a	2.38a	2.22a	2.04a	1.86a	1.72a	-	-
-3.00	12.00	9.07b	7.38b	5.79a	4.05a	3.38a	3.08a	2.70a	2.30a	2.15a	2.03a	-	-	-
-4.00	12.00	9.99b	7.25b	5.51a	4.67a	3.94a	3.30a	2.92a	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
EL Road	ROAD	+/- 150° - +/- 160° Over Fixed End		71%

RADIUS

MAXIMUM LOADS

HEIGHT


	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.50a	2.34a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.78a	2.95a	2.77a	2.28a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.26a	-	-	-	-
6.00	-	-	-	-	-	2.93a	3.00a	3.01a	3.00a	2.89a	2.55a	1.64a	-	-
5.00	-	-	-	2.83a	3.02a	3.19a	3.27a	3.28a	3.28a	3.22a	3.04a	2.65a	1.72a	-
4.00	-	-	5.08a	5.58a	5.19a	4.59a	4.26a	4.05a	3.87	3.51	3.12	2.74	2.42	-
3.00	-	-	7.09b	7.25b	7.27b	5.92	5.11	4.45b	3.94a	3.51	3.12	2.73	2.42	1.82a
2.00	8.22r	9.27b	9.11b	8.82a	7.21b	5.97	5.10	4.41b	3.93	3.49	3.09	2.71	2.39	2.03a
1.00	10.32r	11.25b	10.83a	9.19	7.19	6.02	5.06	4.42	3.93	3.46	3.02	2.66	2.37	1.92a
0.00	12.00	12.00	12.00	9.26	7.27	5.94	5.10	4.41b	3.90	3.40	2.93	2.61	2.31	1.46a
-1.00	12.00	12.00	12.00	9.37	7.35	6.01	5.09	4.37	3.78	3.27	2.87	2.54	2.25	-
-2.00	12.00	12.00	12.00	9.38	7.38	5.98	5.07	4.25	3.70	3.18	2.81	2.48	-	-
-3.00	12.00	12.00	12.00	9.42	7.31	5.93	4.88	4.17	3.55	3.13	2.76	-	-	-
-4.00	12.00	12.00	12.00	9.32	7.14	5.78	4.81	4.06	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	11 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
FL Road	ROAD	+/- 160° - +/- 180° Over Fixed End		71%


RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.19a	2.04a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.94a	1.84a	1.67a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.68a	1.55a	1.46a	1.47a	1.44a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.79a	1.45a	1.37a	1.34a	1.36a	1.39a	-	-
5.00	-	-	-	2.60a	2.71a	2.80a	2.92a	2.64b	1.33a	1.29a	1.31a	1.30a	1.32a	-
4.00	-	-	2.56a	2.70a	2.93a	3.10a	2.94b	2.58b	1.81a	1.29a	1.29a	1.31a	1.30a	-
3.00	-	-	4.98a	4.32b	3.74b	3.31b	2.85b	2.56b	1.53a	1.29a	1.29a	1.29a	1.29a	1.29a
2.00	6.88r	6.18b	5.17b	4.27b	3.65b	3.23b	2.84b	2.39r	1.59a	1.34a	1.34a	1.34a	1.33a	1.31a
1.00	4.82a	4.85a	4.60r	3.87r	3.40r	3.07r	2.64r	2.43r	1.73a	1.41a	1.45a	1.44a	1.37a	1.44a
0.00	5.27a	4.76a	4.76a	4.03r	3.64r	3.29r	2.91r	2.69a	1.68a	1.60a	1.60a	1.52a	1.46a	1.46a
-1.00	6.66a	5.36a	4.99a	5.42r	4.33r	3.80r	2.46a	2.18a	1.89a	1.86a	1.73a	1.64a	1.59a	-
-2.00	7.42a	7.57a	7.15b	6.25b	3.68a	3.30a	2.61a	2.38a	2.22a	2.04a	1.86a	1.72a	-	-
-3.00	12.00	9.07b	7.38b	5.79a	4.05a	3.38a	3.08a	2.70a	2.30a	2.15a	2.03a	-	-	-
-4.00	12.00	9.99b	7.25b	5.51a	4.67a	3.94a	3.30a	2.92a	-	-	-	-	-	-



Duty	Config	Sector	Osc Axle	Safety
FL Road	ROAD	+/- 160° - +/- 180° Over Fixed End		71%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.50a	2.34a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.78a	2.95a	2.77a	2.28a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.26a	-	-	-	-
6.00	-	-	-	-	-	2.93a	3.00a	3.01a	3.00a	2.89a	2.55a	1.64a	-	-
5.00	-	-	-	2.83a	3.02a	3.19a	3.27a	3.28a	3.28a	3.22a	3.04a	2.65a	1.72a	-
4.00	-	-	5.08a	5.58a	5.19a	4.59a	4.26a	4.05a	3.91a	3.74a	3.50a	3.17a	2.58a	-
3.00	-	-	7.09b	7.25b	7.27b	6.82b	5.89b	5.37b	4.85b	4.50b	4.15a	3.64a	3.05a	1.82a
2.00	8.22r	9.27b	9.11b	8.82a	8.21b	7.42b	6.45b	5.77b	5.20b	4.71b	4.37b	4.11b	3.41a	2.03a
1.00	10.32r	11.25b	10.83a	9.81b	8.86b	7.70b	6.75b	5.97b	5.42b	4.94b	4.52b	4.19b	3.52a	1.92a
0.00	12.00	12.00	12.00	10.47b	8.95b	7.75b	6.82b	6.06b	5.48b	4.99b	4.57b	4.19b	3.48a	1.46a
-1.00	12.00	12.00	12.00	10.74b	9.13b	7.89b	6.93b	6.17b	5.59b	5.04b	4.60b	4.12b	2.79a	-
-2.00	12.00	12.00	12.00	11.10b	9.42b	8.14b	7.07b	6.20b	5.57b	5.00b	4.33b	3.55a	-	-
-3.00	12.00	12.00	12.00	11.18b	9.47b	8.11b	7.07b	6.00a	5.10b	4.32b	3.16a	-	-	-
-4.00	12.00	12.00	12.00	10.00b	8.17b	6.84b	5.58b	4.28b	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	12 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

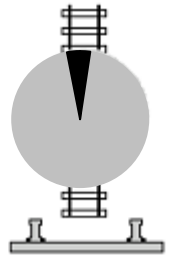
Duty	Config	Sector	Osc Axle	Safety
AU Level-50	RAIL 0mm - 50mm	+/- 10° Over Osc End		67%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.43r	3.42r	2.81r	1.62a	1.54a	1.44a	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.86a	3.95	2.74a	1.86a	1.70a	1.72a	-	-	-	-	-	-
-2.00	8.54a	7.43a	5.43	3.98	2.41a	2.12a	1.76a	-	-	-	-	-	-	-
-3.00	8.53r	8.77	5.53	3.79a	2.80a	2.24a	2.19a	-	-	-	-	-	-	-
-4.00	9.51r	9.33	5.88	4.22	3.33a	-	-	-	-	-	-	-	-	-



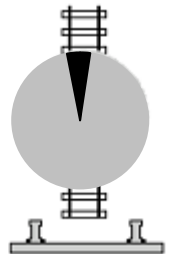
Duty	Config	Sector	Osc Axle	Safety
AU Level-50	RAIL 0mm - 50mm	+/- 10° Over Osc End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.78a	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.29a	3.28a	2.91	2.30	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.23a	3.60a	2.92	2.32	-	-	-	-	-	-
3.00	-	-	6.67b	6.18b	4.59b	3.59b	2.91a	2.31	-	-	-	-	-	-
2.00	-	7.61a	9.21b	6.09	4.50	3.57	2.88	2.28	-	-	-	-	-	-
1.00	6.31a	9.39a	9.09	6.09	4.51	3.56b	2.82	2.25	-	-	-	-	-	-
0.00	9.57a	12.00	8.97	6.02	4.47r	3.52	2.75	2.20	-	-	-	-	-	-
-1.00	12.00	12.00	9.05	5.94	4.39	3.42a	2.68	2.15	-	-	-	-	-	-
-2.00	12.00	12.00	8.94	5.91	4.36	3.33	2.62	-	-	-	-	-	-	-
-3.00	12.00	12.00	9.00	5.89	4.23	3.24	2.58	-	-	-	-	-	-	-
-4.00	12.00	11.83	6.95	5.78	4.17	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	13 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

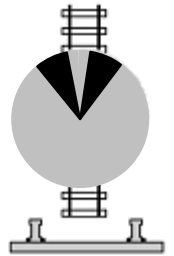
Duty	Config	Sector	Osc Axle	Safety
BU Level-50	RAIL 0mm - 50mm	+/- 10° - +/- 40° Over Osc End		67%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.66	1.56a	1.44a	1.37	-	-	-	-	-	-	-
6.00	-	-	-	2.67	1.96	1.33a	1.23	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.54	1.87	1.32a	1.08	0.97	-	-	-	-	-	-
4.00	-	-	2.56a	2.43	1.81	1.29a	1.05	0.90	-	-	-	-	-	-
3.00	-	-	2.95	2.11	1.68	1.28	1.04	0.84	-	-	-	-	-	-
2.00	-	4.36	2.67	1.84	1.55	1.23	0.97	0.79	-	-	-	-	-	-
1.00	6.31a	3.94	2.43	1.80	1.40	1.16	0.93	0.77	-	-	-	-	-	-
0.00	7.38	3.72	2.33	1.73	1.36	1.10	0.90	0.78	-	-	-	-	-	-
-1.00	7.24	3.76	2.37	1.71	1.34	1.08	0.89	0.84	-	-	-	-	-	-
-2.00	7.29	3.74	2.37	1.73	1.34	1.08	0.91	-	-	-	-	-	-	-
-3.00	7.58	3.89	2.46	1.75	1.35	1.11	1.10	-	-	-	-	-	-	-
-4.00	8.19	4.30	2.71	1.94	1.57	-	-	-	-	-	-	-	-	-



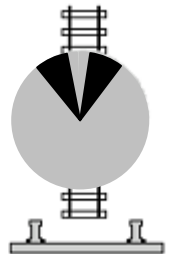
Duty	Config	Sector	Osc Axle	Safety
BU Level-50	RAIL 0mm - 50mm	+/- 10° - +/- 40° Over Osc End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.84a	2.63	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.73	2.65	1.98	1.43	-	-	-	-	-	-	-
6.00	-	-	-	2.68	2.61	1.98	1.49	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.93a	2.58	1.96	1.51	1.09	-	-	-	-	-	-
4.00	-	-	4.04	3.36	2.49	1.93	1.52	1.09	-	-	-	-	-	-
3.00	-	-	4.10	3.24	2.42	1.89	1.49	1.08	-	-	-	-	-	-
2.00	-	6.06	4.67	3.17	2.36	1.87	1.46	1.05	-	-	-	-	-	-
1.00	6.31a	6.65a	4.63	3.17	2.36	1.85	1.41	1.01	-	-	-	-	-	-
0.00	7.65	7.46	4.30	2.98	2.26	1.75	1.31	0.97	-	-	-	-	-	-
-1.00	12.00	7.57	4.22	2.87	2.16	1.69	1.24	0.92	-	-	-	-	-	-
-2.00	12.00	7.62	4.16	2.82	2.11	1.56	1.17	-	-	-	-	-	-	-
-3.00	12.00	5.60	4.20	2.81	2.00	1.47	1.13	-	-	-	-	-	-	-
-4.00	11.88r	5.40	3.29	2.70	1.93	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	14 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

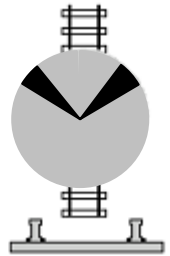
Duty	Config	Sector	Osc Axle	Safety
CU Level-50	RAIL 0mm - 50mm	+/- 40° - +/- 60° Over Osc End		67%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.62	-	-	-	-	-	-	-	-
7.00	-	-	-	2.39	1.56a	1.25	1.17	-	-	-	-	-	-	-
6.00	-	-	-	2.40	1.74	1.25	1.04	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.27	1.64	1.22	0.91	0.80	-	-	-	-	-	-
4.00	-	-	2.56a	2.15	1.57	1.20	0.87	0.73	-	-	-	-	-	-
3.00	-	-	2.61	1.83	1.45	1.08	0.86	0.67	-	-	-	-	-	-
2.00	-	3.93	2.32	1.55	1.31	1.02	0.79	0.63	-	-	-	-	-	-
1.00	6.31a	3.48	2.07	1.51	1.16	0.96	0.75	0.61	-	-	-	-	-	-
0.00	6.84	3.26	1.97	1.44	1.12	0.89	0.72	0.61	-	-	-	-	-	-
-1.00	6.69	3.30	2.01	1.42	1.09	0.87	0.71	0.66	-	-	-	-	-	-
-2.00	6.75	3.28	2.01	1.44	1.09	0.87	0.73	-	-	-	-	-	-	-
-3.00	7.04	3.43	2.10	1.46	1.11	0.91	0.90	-	-	-	-	-	-	-
-4.00	7.71	3.85	2.35	1.66	1.31	-	-	-	-	-	-	-	-	-



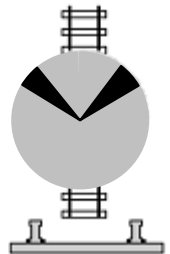
Duty	Config	Sector	Osc Axle	Safety
CU Level-50	RAIL 0mm - 50mm	+/- 40° - +/- 60° Over Osc End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.71	2.37	1.66	-	-	-	-	-	-	-	-
7.00	-	-	-	2.46	2.39	1.75	1.24	-	-	-	-	-	-	-
6.00	-	-	-	2.41	2.34	1.75	1.29	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.83a	2.31	1.74	1.31	0.92	-	-	-	-	-	-
4.00	-	-	3.70	3.09	2.22	1.70	1.32	0.92	-	-	-	-	-	-
3.00	-	-	3.71	2.91	2.15	1.66	1.30	0.91	-	-	-	-	-	-
2.00	-	5.60	4.26	2.84	2.09	1.64	1.26	0.87	-	-	-	-	-	-
1.00	6.31a	6.42a	4.22	2.84	2.09	1.62	1.21	0.83	-	-	-	-	-	-
0.00	7.13	6.95	3.87	2.65	1.98	1.52	1.11	0.79	-	-	-	-	-	-
-1.00	11.84	7.06	3.79	2.53	1.88	1.46	1.04	0.74	-	-	-	-	-	-
-2.00	12.00	7.11	3.73	2.48	1.83	1.32	0.96	-	-	-	-	-	-	-
-3.00	12.00	5.11	3.77	2.47	1.72	1.24	0.92	-	-	-	-	-	-	-
-4.00	11.82	4.92	2.91	2.35	1.64	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	15 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

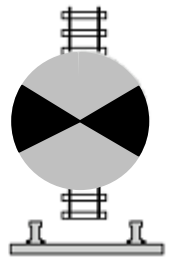
Duty	Config	Sector	Osc Axle	Safety
DU Level-50	RAIL  0mm - 50mm	+/- 60° - +/- 120°		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.58	1.52	-	-	-	-	-	-	-	-
7.00	-	-	-	2.27	1.56a	1.17	1.09	-	-	-	-	-	-	-
6.00	-	-	-	2.28	1.64	1.16	0.97	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.15	1.54	1.14	0.83	0.73	-	-	-	-	-	-
4.00	-	-	2.56a	2.03	1.48	1.12	0.80	0.66	-	-	-	-	-	-
3.00	-	-	2.44	1.71	1.35	1.00	0.79	0.61	-	-	-	-	-	-
2.00	-	3.70	2.16	1.43	1.22	0.94	0.72	0.55	-	-	-	-	-	-
1.00	6.31a	3.25	1.91	1.38	1.06	0.87	0.68	0.52	-	-	-	-	-	-
0.00	6.42	3.03	1.81	1.32	1.02	0.81	0.65	0.52	-	-	-	-	-	-
-1.00	6.27	3.06	1.85	1.30	1.00	0.79	0.63	0.59	-	-	-	-	-	-
-2.00	6.32	3.04	1.85	1.31	0.99	0.79	0.65	-	-	-	-	-	-	-
-3.00	6.60	3.19	1.94	1.34	1.01	0.82	0.82	-	-	-	-	-	-	-
-4.00	7.27	3.61	2.19	1.54	1.20	-	-	-	-	-	-	-	-	-



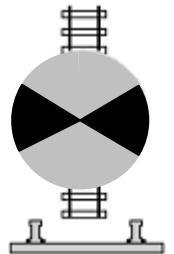
Duty	Config	Sector	Osc Axle	Safety
DU Level-50	RAIL  0mm - 50mm	+/- 60° - +/- 120°		67%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.57	2.24	1.56	-	-	-	-	-	-	-	-
7.00	-	-	-	2.33	2.27	1.65	1.15	-	-	-	-	-	-	-
6.00	-	-	-	2.29	2.22	1.65	1.21	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.76	2.19	1.64	1.23	0.85	-	-	-	-	-	-
4.00	-	-	3.52a	2.93	2.10	1.60	1.24	0.85	-	-	-	-	-	-
3.00	-	-	3.51	2.75	2.02	1.56	1.21	0.84	-	-	-	-	-	-
2.00	-	5.29	4.03	2.68	1.97	1.55	1.18	0.80	-	-	-	-	-	-
1.00	6.31a	6.35a	3.98	2.68	1.97	1.52	1.13	0.76	-	-	-	-	-	-
0.00	6.70	6.53	3.64	2.49	1.86	1.42	1.03	0.72	-	-	-	-	-	-
-1.00	11.42a	6.64	3.55	2.37	1.76	1.36	0.95	0.67	-	-	-	-	-	-
-2.00	11.65	6.69	3.50	2.32	1.71	1.23	0.88	-	-	-	-	-	-	-
-3.00	11.92	4.81	3.54	2.31	1.59	1.14	0.84	-	-	-	-	-	-	-
-4.00	11.16	4.64	2.73	2.19	1.52	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	16 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

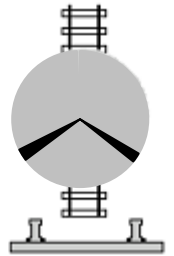
Duty	Config	Sector	Osc Axle	Safety
EU Level-50	RAIL  0mm - 50mm	+/- 120° - +/- 130° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.62	-	-	-	-	-	-	-	-
7.00	-	-	-	2.39	1.56a	1.25	1.17	-	-	-	-	-	-	-
6.00	-	-	-	2.40	1.74	1.25	1.04	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.27	1.64	1.22	0.91	0.80	-	-	-	-	-	-
4.00	-	-	2.56a	2.15	1.57	1.20	0.87	0.73	-	-	-	-	-	-
3.00	-	-	2.61	1.83	1.45	1.08	0.86	0.67	-	-	-	-	-	-
2.00	-	3.93	2.32	1.55	1.31	1.02	0.79	0.63	-	-	-	-	-	-
1.00	6.31a	3.48	2.07	1.51	1.16	0.96	0.75	0.61	-	-	-	-	-	-
0.00	6.84	3.26	1.97	1.44	1.12	0.89	0.72	0.61	-	-	-	-	-	-
-1.00	6.69	3.30	2.01	1.42	1.09	0.87	0.71	0.66	-	-	-	-	-	-
-2.00	6.75	3.28	2.01	1.44	1.09	0.87	0.73	-	-	-	-	-	-	-
-3.00	7.04	3.43	2.10	1.46	1.11	0.91	0.90	-	-	-	-	-	-	-
-4.00	7.71	3.85	2.35	1.66	1.31	-	-	-	-	-	-	-	-	-



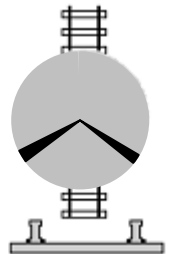
Duty	Config	Sector	Osc Axle	Safety
EU Level-50	RAIL  0mm - 50mm	+/- 120° - +/- 130° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.71	2.37	1.66	-	-	-	-	-	-	-	-
7.00	-	-	-	2.46	2.39	1.75	1.24	-	-	-	-	-	-	-
6.00	-	-	-	2.41	2.34	1.75	1.29	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.83a	2.31	1.74	1.31	0.92	-	-	-	-	-	-
4.00	-	-	3.70	3.09	2.22	1.70	1.32	0.92	-	-	-	-	-	-
3.00	-	-	3.71	2.91	2.15	1.66	1.30	0.91	-	-	-	-	-	-
2.00	-	5.60	4.26	2.84	2.09	1.64	1.26	0.87	-	-	-	-	-	-
1.00	6.31a	6.42a	4.22	2.84	2.09	1.62	1.21	0.83	-	-	-	-	-	-
0.00	7.13	6.95	3.87	2.65	1.98	1.52	1.11	0.79	-	-	-	-	-	-
-1.00	11.84	7.06	3.79	2.53	1.88	1.46	1.04	0.74	-	-	-	-	-	-
-2.00	12.00	7.11	3.73	2.48	1.83	1.32	0.96	-	-	-	-	-	-	-
-3.00	12.00	5.11	3.77	2.47	1.72	1.24	0.92	-	-	-	-	-	-	-
-4.00	11.82	4.92	2.91	2.35	1.64	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	17 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

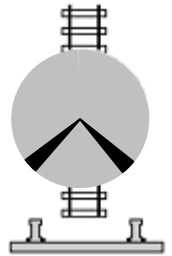
Duty	Config	Sector	Osc Axle	Safety
FU Level-50	RAIL 0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		67%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.66	1.56a	1.44a	1.37	-	-	-	-	-	-	-
6.00	-	-	-	2.67	1.96	1.33a	1.23	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.54	1.87	1.32a	1.08	0.97	-	-	-	-	-	-
4.00	-	-	2.56a	2.43	1.81	1.29a	1.05	0.90	-	-	-	-	-	-
3.00	-	-	2.95	2.11	1.68	1.28	1.04	0.84	-	-	-	-	-	-
2.00	-	4.36	2.67	1.84	1.55	1.23	0.97	0.79	-	-	-	-	-	-
1.00	6.31a	3.94	2.43	1.80	1.40	1.16	0.93	0.77	-	-	-	-	-	-
0.00	7.38	3.72	2.33	1.73	1.36	1.10	0.90	0.78	-	-	-	-	-	-
-1.00	7.24	3.76	2.37	1.71	1.34	1.08	0.89	0.84	-	-	-	-	-	-
-2.00	7.29	3.74	2.37	1.73	1.34	1.08	0.91	-	-	-	-	-	-	-
-3.00	7.58	3.89	2.46	1.75	1.35	1.11	1.10	-	-	-	-	-	-	-
-4.00	8.19	4.30	2.71	1.94	1.57	-	-	-	-	-	-	-	-	-



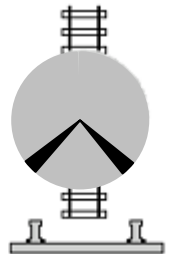
Duty	Config	Sector	Osc Axle	Safety
FU Level-50	RAIL 0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.84a	2.63	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.73	2.65	1.98	1.43	-	-	-	-	-	-	-
6.00	-	-	-	2.68	2.61	1.98	1.49	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.93a	2.58	1.96	1.51	1.09	-	-	-	-	-	-
4.00	-	-	4.04	3.36	2.49	1.93	1.52	1.09	-	-	-	-	-	-
3.00	-	-	4.10	3.24	2.42	1.89	1.49	1.08	-	-	-	-	-	-
2.00	-	6.06	4.67	3.17	2.36	1.87	1.46	1.05	-	-	-	-	-	-
1.00	6.31a	6.65a	4.63	3.17	2.36	1.85	1.41	1.01	-	-	-	-	-	-
0.00	7.65	7.46	4.30	2.98	2.26	1.75	1.31	0.97	-	-	-	-	-	-
-1.00	12.00	7.57	4.22	2.87	2.16	1.69	1.24	0.92	-	-	-	-	-	-
-2.00	12.00	7.62	4.16	2.82	2.11	1.56	1.17	-	-	-	-	-	-	-
-3.00	12.00	5.60	4.20	2.81	2.00	1.47	1.13	-	-	-	-	-	-	-
-4.00	11.88r	5.40	3.29	2.70	1.93	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	18 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

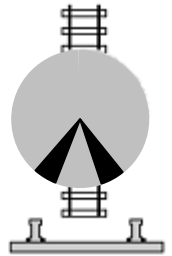
Duty	Config	Sector	Osc Axle	Safety
GU Level-50	RAIL  0mm - 50mm	+/- 140° - +/- 160° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.37	1.32a	1.34a	1.32	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.31	1.29a	1.29a	1.23	-	-	-	-	-	-
3.00	-	-	3.76	2.73	2.19	1.32a	1.30a	1.17	-	-	-	-	-	-
2.00	-	5.52	3.49	2.46	2.06	1.41a	1.33a	1.12	-	-	-	-	-	-
1.00	6.31a	4.88a	3.24	2.42	1.90	1.45a	1.30	1.10	-	-	-	-	-	-
0.00	7.80a	4.75a	3.14	2.35	1.86	1.52	1.27	1.11	-	-	-	-	-	-
-1.00	8.02a	4.94	3.18	2.33	1.84	1.50	1.25	1.19	-	-	-	-	-	-
-2.00	8.54a	4.91	3.18	2.35	1.85	1.50	1.27	-	-	-	-	-	-	-
-3.00	8.53r	5.08	3.27	2.38	1.86	1.53	1.52	-	-	-	-	-	-	-
-4.00	9.51r	5.49	3.54	2.57	2.11	-	-	-	-	-	-	-	-	-



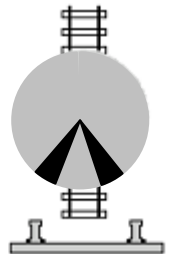
Duty	Config	Sector	Osc Axle	Safety
GU Level-50	RAIL  0mm - 50mm	+/- 140° - +/- 160° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.46	1.86	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.95a	2.48	1.90	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.09	2.46	1.93	1.45a	-	-	-	-	-	-
4.00	-	-	4.97	4.09	3.11	2.43	1.93	1.46	-	-	-	-	-	-
3.00	-	-	5.11	4.04	3.03	2.39	1.92	1.45	-	-	-	-	-	-
2.00	-	7.32r	5.83	3.97	2.98	2.37	1.88	1.42	-	-	-	-	-	-
1.00	6.31a	7.45	5.78	3.98	2.98	2.35	1.81	1.37	-	-	-	-	-	-
0.00	9.57a	9.45	5.44	3.78	2.87	2.25	1.73	1.34	-	-	-	-	-	-
-1.00	12.00	9.59	5.37	3.67	2.77	2.19	1.66	1.29	-	-	-	-	-	-
-2.00	12.00	9.63	5.31	3.63	2.72	2.06	1.59	-	-	-	-	-	-	-
-3.00	12.00	7.07	5.35	3.61	2.61	1.97	1.55	-	-	-	-	-	-	-
-4.00	12.00	6.82	4.22	3.51	2.54	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	19 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

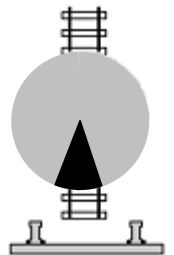
Duty	Config	Sector	Osc Axle	Safety
HU Level-50	RAIL 0mm - 50mm	+/- 160° - +/- 180° Over Fixed End		67%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.44a	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.30a	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.53b	1.66a	1.29a	1.30a	1.30a	1.30a	1.30a
2.00	6.74r	6.24b	5.15b	4.27b	3.68b	3.22b	2.84b	2.44r	1.62a	1.33a	1.34a	1.34a	1.32a	1.34a
1.00	4.88a	4.90a	4.62r	3.92r	3.43r	3.04r	2.63r	2.44r	1.59a	1.41a	1.42a	1.39a	1.36a	1.36a
0.00	5.28a	4.75a	4.78a	4.08r	3.54r	3.17r	2.93r	2.75r	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	5.43a	4.39r	3.87r	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	7.24b	6.30b	5.03a	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.75a	-	-
-3.00	11.57b	8.75b	7.56b	5.07a	3.94a	3.36a	2.96a	2.80a	2.45a	2.12a	2.03a	-	-	-
-4.00	11.79b	9.55b	7.41b	6.13a	4.71a	3.94a	3.33a	2.86a	-	-	-	-	-	-



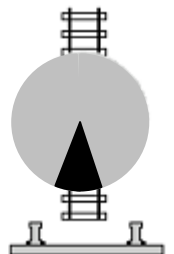
Duty	Config	Sector	Osc Axle	Safety
HU Level-50	RAIL 0mm - 50mm	+/- 160° - +/- 180° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	3.00a	2.90a	2.52a	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.29a	3.28a	3.22a	3.04a	2.66a	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.44a	4.19a	4.04a	3.88a	3.70a	3.49a	3.20a	2.43a	-
3.00	-	-	6.70b	7.28b	7.23b	6.35b	5.74b	5.08b	4.84b	4.39b	4.17a	3.67a	2.90a	1.87a
2.00	7.11a	9.32b	9.20b	8.95b	8.37b	7.20b	6.47b	5.54b	5.13b	4.69b	4.37b	4.13b	3.22a	2.04a
1.00	8.62a	11.45b	10.70b	9.82a	8.82b	7.56b	6.77b	5.88b	5.31b	4.82b	4.49b	4.17b	3.57a	1.91a
0.00	12.00	12.00	12.00	10.30b	8.85b	7.71b	6.79b	6.04b	5.45b	4.97b	4.54b	4.18b	3.51a	1.44a
-1.00	12.00	12.00	12.00	10.69b	9.11b	7.83b	6.82b	6.10b	5.49b	5.01b	4.59b	4.13b	2.83a	-
-2.00	12.00	12.00	12.00	10.93b	9.32b	7.94b	7.02b	6.25b	5.59b	5.01b	4.31b	3.60a	-	-
-3.00	12.00	12.00	12.00	11.16b	9.41b	7.99b	7.01b	6.11b	5.12b	4.18b	3.22a	-	-	-
-4.00	12.00	12.00	11.00b	8.94a	7.48b	6.18b	4.95b	3.78b	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	20 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

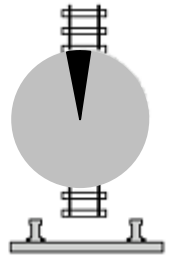
Duty	Config	Sector	Osc Axle	Safety
AL Level-50	RAIL 0mm - 50mm	+/- 10° Over Osc End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.44a	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.30a	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.53b	1.66a	1.29a	1.30a	1.30a	1.30a	1.30a
2.00	6.74r	6.24b	5.15b	4.27b	3.68b	3.22b	2.84b	2.44r	1.62a	1.33a	1.34a	1.34a	1.32a	1.34a
1.00	4.88a	4.90a	4.62r	3.92r	3.43r	3.04r	2.63r	2.44r	1.59a	1.41a	1.42a	1.39a	1.36a	1.36a
0.00	5.28a	4.75a	4.78a	4.08r	3.54r	3.17r	2.93r	2.75r	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	5.43a	4.39r	3.87r	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	7.24b	6.30b	5.03a	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.75a	-	-
-3.00	11.57b	8.75b	7.56b	5.07a	3.94a	3.36a	2.96a	2.80a	2.45a	2.12a	2.03a	-	-	-
-4.00	11.79b	9.55b	7.41b	6.13a	4.71a	3.94a	3.33a	2.86a	-	-	-	-	-	-



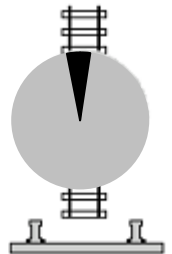
Duty	Config	Sector	Osc Axle	Safety
AL Level-50	RAIL 0mm - 50mm	+/- 10° Over Osc End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	3.00a	2.90a	2.52a	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.29a	3.28a	3.22a	3.04a	2.66a	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.44a	4.19a	4.04a	3.88a	3.70a	3.49a	3.20a	2.43a	-
3.00	-	-	6.70b	7.28b	7.23b	6.35b	5.74b	5.08b	4.84b	4.39b	4.17a	3.67a	2.90a	1.87a
2.00	7.11a	9.32b	9.20b	8.95b	8.37b	7.20b	6.47b	5.54b	5.13b	4.69b	4.37b	4.13b	3.22a	2.04a
1.00	8.62a	11.45b	10.70b	9.82a	8.82b	7.56b	6.77b	5.88b	5.31b	4.82b	4.49b	4.17b	3.57a	1.91a
0.00	12.00	12.00	12.00	10.30b	8.85b	7.71b	6.79b	6.04b	5.45b	4.97b	4.54b	4.18b	3.51a	1.44a
-1.00	12.00	12.00	12.00	10.69b	9.11b	7.83b	6.82b	6.10b	5.49b	5.01b	4.59b	4.13b	2.83a	-
-2.00	12.00	12.00	12.00	10.93b	9.32b	7.94b	7.02b	6.25b	5.59b	5.01b	4.31b	3.60a	-	-
-3.00	12.00	12.00	12.00	11.16b	9.41b	7.99b	7.01b	6.11b	5.12b	4.18b	3.22a	-	-	-
-4.00	12.00	12.00	11.00b	8.94a	7.48b	6.18b	4.95b	3.78b	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	21 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

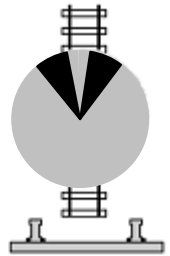
Duty	Config	Sector	Osc Axle	Safety
BL Level-50	RAIL 0mm - 50mm	+/- 10° - +/- 40° Over Osc End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.43r	3.42r	2.72	1.62a	1.54a	1.41	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.86a	3.52	2.69	1.86a	1.66	1.55	-	-	-	-	-	-
-2.00	8.54a	7.43a	5.06	3.55	2.41a	2.09	1.69	-	-	-	-	-	-	-
-3.00	8.53r	9.03	5.20	3.59	2.72	2.14	2.11	-	-	-	-	-	-	-
-4.00	9.51r	9.80	5.66	3.89	3.12	-	-	-	-	-	-	-	-	-



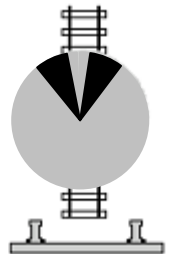
Duty	Config	Sector	Osc Axle	Safety
BL Level-50	RAIL 0mm - 50mm	+/- 10° - +/- 40° Over Osc End		90%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.70	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.29a	3.28a	2.72	1.95	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.23a	3.48a	2.72	1.98	-	-	-	-	-	-
3.00	-	-	6.67b	6.18b	4.48	3.44	2.71	1.95	-	-	-	-	-	-
2.00	-	7.61a	9.28b	6.06	4.36	3.39	2.65	1.93	-	-	-	-	-	-
1.00	6.31a	9.58	9.53	6.07	4.36	3.41	2.56	1.85	-	-	-	-	-	-
0.00	9.57a	12.00	9.38	5.96	4.29	3.29	2.46	1.77	-	-	-	-	-	-
-1.00	12.00	12.00	9.48	5.84	4.20	3.17	2.31	1.71	-	-	-	-	-	-
-2.00	12.00	12.00	9.34	5.78	4.13	3.01	2.23	-	-	-	-	-	-	-
-3.00	12.00	12.00	9.42	5.76	3.95	2.89	2.16	-	-	-	-	-	-	-
-4.00	12.00	12.00	6.96	5.58	3.84	-	-	-	-	-	-	-	-	-



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. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	22 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

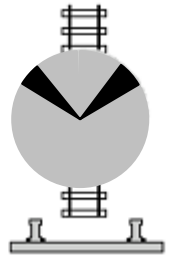
Duty	Config	Sector	Osc Axle	Safety
CL Level-50	RAIL  0mm - 50mm	+/- 40° - +/- 60° Over Osc End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.28	-	-	-	-	-	-
1.00	6.31a	4.88a	4.62r	3.37	2.55	1.45a	1.39a	1.25	-	-	-	-	-	-
0.00	7.80a	4.75a	4.43r	3.27	2.48	1.62a	1.52	1.26	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.66	3.24	2.44	1.86a	1.49	1.39	-	-	-	-	-	-
-2.00	8.54a	7.43a	4.67	3.27	2.41a	1.89	1.52	-	-	-	-	-	-	-
-3.00	8.53r	8.40	4.82	3.31	2.47	1.94	1.91	-	-	-	-	-	-	-
-4.00	9.51r	9.17	5.27	3.61	2.88	-	-	-	-	-	-	-	-	-



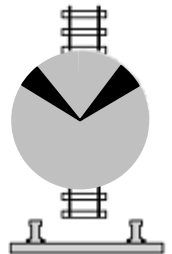
Duty	Config	Sector	Osc Axle	Safety
CL Level-50	RAIL  0mm - 50mm	+/- 40° - +/- 60° Over Osc End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.52	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.28	3.28a	2.54	1.81	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.09	3.28	2.54	1.81	-	-	-	-	-	-
3.00	-	-	6.67b	5.94b	4.24	3.23	2.53	1.78a	-	-	-	-	-	-
2.00	-	7.61a	9.19	5.78	4.14b	3.20	2.45	1.76	-	-	-	-	-	-
1.00	6.31a	9.39a	9.05r	5.74	4.14b	3.19	2.38a	1.68	-	-	-	-	-	-
0.00	9.57a	12.00	8.80r	5.59	4.01r	3.07	2.26	1.63	-	-	-	-	-	-
-1.00	12.00	12.00	8.88	5.47	3.93	2.96	2.12	1.54	-	-	-	-	-	-
-2.00	12.00	12.00	8.75	5.40	3.85	2.79a	2.03	-	-	-	-	-	-	-
-3.00	12.00	12.00	8.82	5.38	3.68	2.67	1.96	-	-	-	-	-	-	-
-4.00	12.00	12.00	6.51	5.20	3.57	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	23 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

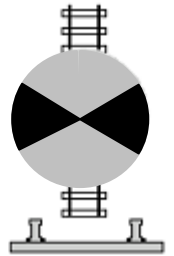
Duty	Config	Sector	Osc Axle	Safety
DL Level-50	RAIL 0mm - 50mm	+/- 60° - +/- 120°		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.29	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.16	-	-	-	-	-	-
3.00	-	-	4.53a	3.44	2.61	1.32a	1.30a	1.06	-	-	-	-	-	-
2.00	-	6.74r	4.64b	2.99	2.39	1.41a	1.30	0.98	-	-	-	-	-	-
1.00	6.31a	4.88a	4.24	2.92	2.12	1.45a	1.24	0.95	-	-	-	-	-	-
0.00	7.80a	4.75a	4.07	2.81	2.04	1.54	1.18	0.96	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.13	2.78	2.01	1.51	1.16	1.07	-	-	-	-	-	-
-2.00	8.54a	7.43a	4.14	2.81	2.01	1.51	1.19	-	-	-	-	-	-	-
-3.00	8.53r	8.00	4.30	2.85	2.03	1.57	1.54	-	-	-	-	-	-	-
-4.00	9.51r	8.88	4.77	3.17	2.45	-	-	-	-	-	-	-	-	-



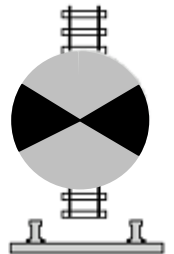
Duty	Config	Sector	Osc Axle	Safety
DL Level-50	RAIL 0mm - 50mm	+/- 60° - +/- 120°		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.19	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.27a	3.04	2.23	1.49	-	-	-	-	-	-
4.00	-	-	5.08a	5.23	3.87b	3.00	2.21	1.49	-	-	-	-	-	-
3.00	-	-	6.67b	5.55	3.85	2.94	2.20	1.49	-	-	-	-	-	-
2.00	-	7.61a	8.91	5.37	3.78b	2.88	2.13	1.43	-	-	-	-	-	-
1.00	6.31a	9.39a	8.95	5.41	3.78	2.85	2.04	1.36	-	-	-	-	-	-
0.00	9.57a	12.00	8.68	5.17	3.63	2.74	1.90	1.30	-	-	-	-	-	-
-1.00	12.00	12.00	8.56	5.01	3.51	2.63	1.78	1.21	-	-	-	-	-	-
-2.00	12.00	12.00	8.41	4.93	3.43	2.40	1.66	-	-	-	-	-	-	-
-3.00	12.00	12.00	8.50	4.91	3.24	2.25	1.59	-	-	-	-	-	-	-
-4.00	12.00	12.00	6.05	4.72	3.13	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	24 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

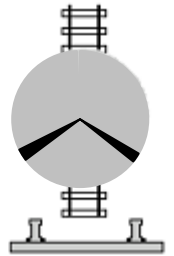
Duty	Config	Sector	Osc Axle	Safety
EL Level-50	RAIL 0mm - 50mm	+/- 120° - +/- 130° Over Fixed End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.43r	3.42r	2.72	1.62a	1.54a	1.41	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.86a	3.52	2.69	1.86a	1.66	1.55	-	-	-	-	-	-
-2.00	8.54a	7.43a	5.06	3.55	2.41a	2.09	1.69	-	-	-	-	-	-	-
-3.00	8.53r	9.03	5.20	3.59	2.72	2.14	2.11	-	-	-	-	-	-	-
-4.00	9.51r	9.80	5.66	3.89	3.12	-	-	-	-	-	-	-	-	-



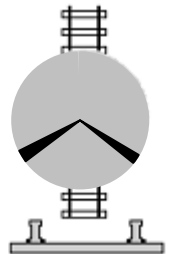
Duty	Config	Sector	Osc Axle	Safety
EL Level-50	RAIL 0mm - 50mm	+/- 120° - +/- 130° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.70	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.29a	3.28a	2.72	1.95	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.23a	3.48a	2.72	1.98	-	-	-	-	-	-
3.00	-	-	6.67b	6.18b	4.48	3.44	2.71	1.95	-	-	-	-	-	-
2.00	-	7.61a	9.28b	6.06	4.36	3.39	2.65	1.93	-	-	-	-	-	-
1.00	6.31a	9.58	9.53	6.07	4.36	3.41	2.56	1.85	-	-	-	-	-	-
0.00	9.57a	12.00	9.38	5.96	4.29	3.29	2.46	1.77	-	-	-	-	-	-
-1.00	12.00	12.00	9.48	5.84	4.20	3.17	2.31	1.71	-	-	-	-	-	-
-2.00	12.00	12.00	9.34	5.78	4.13	3.01	2.23	-	-	-	-	-	-	-
-3.00	12.00	12.00	9.42	5.76	3.95	2.89	2.16	-	-	-	-	-	-	-
-4.00	12.00	12.00	6.96	5.58	3.84	-	-	-	-	-	-	-	-	-



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. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	25 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

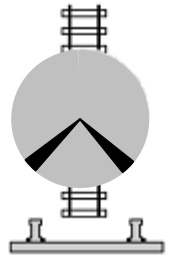
Duty	Config	Sector	Osc Axle	Safety
FL Level-50	RAIL 0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.44a	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.30a	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.53b	1.66a	1.29a	1.30a	1.30a	1.30a	1.30a
2.00	6.74r	6.24b	5.15b	4.27b	3.68b	3.22b	2.84b	2.44r	1.62a	1.33a	1.33a	1.34a	1.32a	1.34a
1.00	4.88a	4.90a	4.62r	3.92r	3.43r	3.04r	2.63r	2.44r	1.59a	1.41a	1.42a	1.39a	1.36a	1.36a
0.00	5.28a	4.75a	4.78a	4.08r	3.54r	3.17r	2.93r	2.75r	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	5.27	4.29	3.66	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	6.79	5.31	4.35	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.75a	-	-
-3.00	11.57b	8.75b	7.03	5.07a	3.94a	3.36a	2.96a	2.80a	2.45a	2.12a	2.03a	-	-	-
-4.00	11.79b	9.55b	7.32	5.69	4.70	3.92	3.33a	2.86a	-	-	-	-	-	-



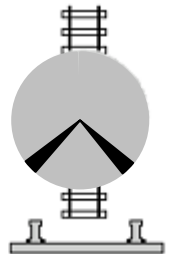
Duty	Config	Sector	Osc Axle	Safety
FL Level-50	RAIL 0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	3.00a	2.90a	2.52a	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.29a	3.28a	3.07	2.69	2.29	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.44a	4.19a	3.91	3.48a	3.13	2.72	2.32	1.95	-
3.00	-	-	6.70b	7.07	6.50	5.38	4.57	3.97b	3.48	3.08b	2.71	2.29	1.95	1.61
2.00	7.11a	9.32b	9.18a	7.68	6.32	5.27	4.49	3.89b	3.45	3.06	2.67	2.26	1.91	1.62
1.00	8.62a	11.45b	10.14b	7.76	6.24	5.23	4.44	3.90b	3.44	3.04	2.59	2.20	1.85	1.57
0.00	12.00	12.00	10.29	7.74b	6.24	5.14	4.46	3.85	3.37	2.90	2.46	2.11	1.77	1.44a
-1.00	12.00	12.00	10.25	7.72	6.16	5.11	4.31	3.76	3.24	2.77	2.36	2.00	1.73	-
-2.00	12.00	12.00	10.22	7.69	6.12	5.05	4.30	3.64	3.09	2.61	2.25	1.94	-	-
-3.00	12.00	12.00	10.09	7.63	6.13	4.94	4.06	3.46	2.97	2.55	2.19	-	-	-
-4.00	12.00	12.00	9.89	7.53	5.86	4.76	3.96	3.09	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	26 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

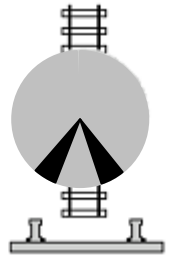
Duty	Config	Sector	Osc Axle	Safety
GL Level-50	RAIL  0mm - 50mm	+/- 140° - +/- 160° Over Fixed End		75%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.44a	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.30a	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.53b	1.66a	1.29a	1.30a	1.30a	1.30a	1.30a
2.00	6.74r	6.24b	5.15b	4.27b	3.68b	3.22b	2.84b	2.44r	1.62a	1.33a	1.34a	1.34a	1.32a	1.34a
1.00	4.88a	4.90a	4.62r	3.92r	3.43r	3.04r	2.63r	2.44r	1.59a	1.41a	1.42a	1.39a	1.36a	1.36a
0.00	5.28a	4.75a	4.78a	4.08r	3.54r	3.17r	2.93r	2.75r	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	5.43a	4.39r	3.87r	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	7.24b	6.30b	5.03a	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.75a	-	-
-3.00	11.57b	8.75b	7.56b	5.07a	3.94a	3.36a	2.96a	2.80a	2.45a	2.12a	2.03a	-	-	-
-4.00	11.79b	9.55b	7.41b	6.13a	4.71a	3.94a	3.33a	2.86a	-	-	-	-	-	-



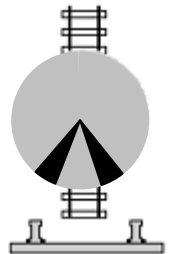
Duty	Config	Sector	Osc Axle	Safety
GL Level-50	RAIL  0mm - 50mm	+/- 140° - +/- 160° Over Fixed End		75%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	3.00a	2.90a	2.52a	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.29a	3.28a	3.22a	3.04a	2.66a	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.44a	4.19a	4.04a	3.88a	3.70a	3.33	2.98	2.43a	-
3.00	-	-	6.70b	7.28b	7.23b	6.12b	5.31b	4.82b	4.26b	3.78	3.38	2.99	2.65	1.87a
2.00	7.11a	9.32b	9.20b	8.95b	7.74b	6.40	5.53b	4.81b	4.22b	3.78	3.36	2.97	2.63	2.04a
1.00	8.62a	11.45b	10.70b	9.82a	7.83	6.45	5.44	4.79b	4.23	3.75	3.32	2.91	2.59	1.91a
0.00	12.00	12.00	12.00	9.98	7.74b	6.45	5.52	4.80b	4.27	3.71	3.24	2.85	2.53	1.44a
-1.00	12.00	12.00	12.00	10.07	7.92	6.59	5.54	4.82	4.17	3.61	3.15	2.80a	2.50	-
-2.00	12.00	12.00	12.00	10.25	7.96	6.54	5.55	4.69	4.03	3.51	3.08	2.74	-	-
-3.00	12.00	12.00	12.00	10.26	7.95	6.47	5.35	4.55	3.94	3.43	3.06	-	-	-
-4.00	12.00	12.00	11.00b	8.94a	7.48b	6.18b	4.90b	3.78b	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	27 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

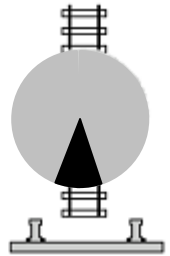
Duty	Config	Sector	Osc Axle	Safety
HL Level-50	RAIL  0mm - 50mm	+/- 160° - +/- 180° Over Fixed End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.44a	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.30a	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.53b	1.66a	1.29a	1.30a	1.30a	1.30a	1.30a
2.00	6.74r	6.24b	5.15b	4.27b	3.68b	3.22b	2.84b	2.44r	1.62a	1.33a	1.34a	1.34a	1.32a	1.34a
1.00	4.88a	4.90a	4.62r	3.92r	3.43r	3.04r	2.63r	2.44r	1.59a	1.41a	1.42a	1.39a	1.36a	1.36a
0.00	5.28a	4.75a	4.78a	4.08r	3.54r	3.17r	2.93r	2.75r	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	5.43a	4.39r	3.87r	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	7.24b	6.30b	5.03a	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.75a	-	-
-3.00	11.57b	8.75b	7.56b	5.07a	3.94a	3.36a	2.96a	2.80a	2.45a	2.12a	2.03a	-	-	-
-4.00	11.79b	9.55b	7.41b	6.13a	4.71a	3.94a	3.33a	2.86a	-	-	-	-	-	-



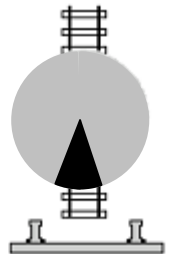
Duty	Config	Sector	Osc Axle	Safety
HL Level-50	RAIL  0mm - 50mm	+/- 160° - +/- 180° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	3.00a	2.90a	2.52a	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.29a	3.28a	3.22a	3.04a	2.66a	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.44a	4.19a	4.04a	3.88a	3.70a	3.49a	3.20a	2.43a	-
3.00	-	-	6.70b	7.28b	7.23b	6.35b	5.74b	5.08b	4.84b	4.39b	4.17a	3.67a	2.90a	1.87a
2.00	7.11a	9.32b	9.20b	8.95b	8.37b	7.20b	6.47b	5.54b	5.13b	4.69b	4.37b	4.13b	3.22a	2.04a
1.00	8.62a	11.45b	10.70b	9.82a	8.82b	7.56b	6.77b	5.88b	5.31b	4.82b	4.49b	4.17b	3.57a	1.91a
0.00	12.00	12.00	12.00	10.30b	8.85b	7.71b	6.79b	6.04b	5.45b	4.97b	4.54b	4.18b	3.51a	1.44a
-1.00	12.00	12.00	12.00	10.69b	9.11b	7.83b	6.82b	6.10b	5.49b	5.01b	4.59b	4.13b	2.83a	-
-2.00	12.00	12.00	12.00	10.93b	9.32b	7.94b	7.02b	6.25b	5.59b	5.01b	4.31b	3.60a	-	-
-3.00	12.00	12.00	12.00	11.16b	9.41b	7.99b	7.01b	6.11b	5.12b	4.18b	3.22a	-	-	-
-4.00	12.00	12.00	11.00b	8.94a	7.48b	6.18b	4.95b	3.78b	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	28 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

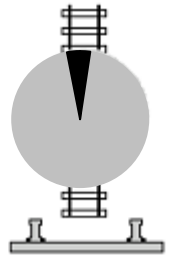
Duty	Config	Sector	Osc Axle	Safety
AU 50-100	RAIL  50mm - 100mm	+/- 10° Over Osc End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64	3.37	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.39	3.33	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.30	3.27	2.61	1.62a	1.54a	1.44a	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.33	3.24	2.59	1.86a	1.70a	1.72	-	-	-	-	-	-
-2.00	8.54a	6.48	4.34	3.27	2.41a	2.12a	1.76a	-	-	-	-	-	-	-
-3.00	8.53r	6.67	4.42	3.29	2.61	2.17	2.15	-	-	-	-	-	-	-
-4.00	9.51r	7.07	4.71	3.49	2.90	-	-	-	-	-	-	-	-	-



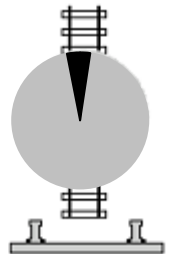
Duty	Config	Sector	Osc Axle	Safety
AU 50-100	RAIL  50mm - 100mm	+/- 10° Over Osc End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.52	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.27a	3.14	2.53	1.98	-	-	-	-	-	-
4.00	-	-	5.08a	4.96	3.87b	3.13	2.53	2.00	-	-	-	-	-	-
3.00	-	-	6.08	5.14	3.87	3.10	2.52	1.99	-	-	-	-	-	-
2.00	-	7.32r	7.28b	5.09	3.83	3.08	2.48	1.97	-	-	-	-	-	-
1.00	6.31a	8.76	7.16	5.05	3.83	3.06	2.42	1.93	-	-	-	-	-	-
0.00	9.57a	10.42a	6.97	4.89	3.74	2.98r	2.36	1.87	-	-	-	-	-	-
-1.00	12.00	11.91	6.91	4.80	3.67	2.91	2.27	1.84	-	-	-	-	-	-
-2.00	12.00	11.93	6.84	4.77	3.62	2.80	2.22	-	-	-	-	-	-	-
-3.00	12.00	8.92	6.88	4.75	3.51	2.72	2.18	-	-	-	-	-	-	-
-4.00	12.00	8.64	5.51	4.65	3.44	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	29 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

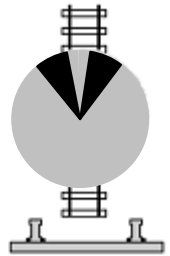
Duty	Config	Sector	Osc Axle	Safety
BU 50-100	RAIL	+/- 10° - +/- 40° Over Osc End		67%
	 50mm - 100mm			

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.66	1.60	-	-	-	-	-	-	-	-
7.00	-	-	-	2.37	1.56a	1.23	1.15	-	-	-	-	-	-	-
6.00	-	-	-	2.38	1.72	1.23	1.03	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.24	1.62	1.21	0.89	0.79	-	-	-	-	-	-
4.00	-	-	2.56a	2.13	1.56	1.18	0.86	0.72	-	-	-	-	-	-
3.00	-	-	2.57	1.80	1.43	1.06	0.85	0.66	-	-	-	-	-	-
2.00	-	3.89	2.29	1.53	1.30	1.01	0.78	0.62	-	-	-	-	-	-
1.00	6.31a	3.44	2.04	1.48	1.14	0.94	0.74	0.59	-	-	-	-	-	-
0.00	6.76	3.22	1.94	1.42	1.10	0.88	0.71	0.60	-	-	-	-	-	-
-1.00	6.61	3.25	1.98	1.40	1.08	0.85	0.69	0.65	-	-	-	-	-	-
-2.00	6.67	3.23	1.98	1.41	1.08	0.85	0.71	-	-	-	-	-	-	-
-3.00	6.96	3.38	2.07	1.44	1.09	0.89	0.88	-	-	-	-	-	-	-
-4.00	7.62	3.81	2.32	1.64	1.29	-	-	-	-	-	-	-	-	-



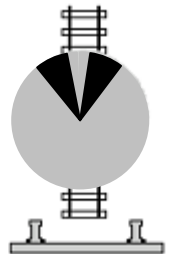
Duty	Config	Sector	Osc Axle	Safety
BU 50-100	RAIL	+/- 10° - +/- 40° Over Osc End		67%
	 50mm - 100mm			

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.68	2.34	1.64	-	-	-	-	-	-	-	-
7.00	-	-	-	2.43	2.37	1.73	1.22	-	-	-	-	-	-	-
6.00	-	-	-	2.39	2.32	1.73	1.28	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.83a	2.29	1.72	1.29	0.90	-	-	-	-	-	-
4.00	-	-	3.67	3.06	2.20	1.68	1.30	0.90	-	-	-	-	-	-
3.00	-	-	3.68	2.88	2.12	1.64	1.28	0.89	-	-	-	-	-	-
2.00	-	5.54	4.21	2.81	2.07	1.62	1.24	0.86	-	-	-	-	-	-
1.00	6.31a	6.42a	4.17	2.81	2.07	1.60	1.20	0.82	-	-	-	-	-	-
0.00	7.05	6.87	3.83	2.62	1.96	1.50	1.10	0.78	-	-	-	-	-	-
-1.00	11.71	6.98	3.74	2.50	1.86	1.44	1.02	0.73	-	-	-	-	-	-
-2.00	12.00	7.03	3.69	2.45	1.81	1.31	0.95	-	-	-	-	-	-	-
-3.00	12.00	5.06	3.72	2.44	1.69	1.22	0.91	-	-	-	-	-	-	-
-4.00	11.69	4.87	2.88	2.32	1.62	-	-	-	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	30 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

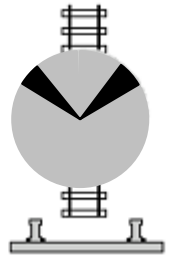
Duty	Config	Sector	Osc Axle	Safety
CU 50-100	RAIL  50mm - 100mm	+/- 40° - +/- 60° Over Osc End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.52	1.46	-	-	-	-	-	-	-	-
7.00	-	-	-	2.21	1.52	1.11	1.03	-	-	-	-	-	-	-
6.00	-	-	-	2.23	1.58	1.11	0.91	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.09	1.48	1.08	0.78	0.68	-	-	-	-	-	-
4.00	-	-	2.56a	1.97	1.42	1.06	0.75	0.61	-	-	-	-	-	-
3.00	-	-	2.38	1.64	1.29	0.94	0.74	0.54	-	-	-	-	-	-
2.00	-	3.66	2.09	1.36	1.15	0.88	0.67	0.47	-	-	-	-	-	-
1.00	6.31a	3.19	1.83	1.31	0.99	0.81	0.63	0.44	-	-	-	-	-	-
0.00	6.59	2.96	1.72	1.24	0.95	0.75	0.59	0.44	-	-	-	-	-	-
-1.00	6.43	2.99	1.77	1.22	0.93	0.73	0.57	0.51	-	-	-	-	-	-
-2.00	6.49	2.97	1.77	1.23	0.93	0.73	0.59	-	-	-	-	-	-	-
-3.00	6.80	3.12	1.86	1.26	0.94	0.76	0.76	-	-	-	-	-	-	-
-4.00	7.53	3.57	2.11	1.46	1.13	-	-	-	-	-	-	-	-	-



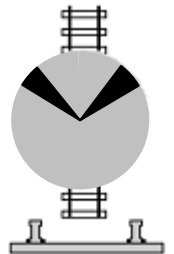
Duty	Config	Sector	Osc Axle	Safety
CU 50-100	RAIL  50mm - 100mm	+/- 40° - +/- 60° Over Osc End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.52	2.19	1.50	-	-	-	-	-	-	-	-
7.00	-	-	-	2.28	2.21	1.60	1.10	-	-	-	-	-	-	-
6.00	-	-	-	2.23	2.17	1.60	1.15	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.72a	2.13	1.58	1.17	0.80	-	-	-	-	-	-
4.00	-	-	3.49	2.88	2.04	1.55	1.18	0.79	-	-	-	-	-	-
3.00	-	-	3.47	2.69	1.96	1.50	1.16	0.79	-	-	-	-	-	-
2.00	-	5.34	4.00	2.62	1.91	1.49	1.12	0.75	-	-	-	-	-	-
1.00	6.31a	6.35a	3.96	2.62	1.91	1.46	1.08	0.71	-	-	-	-	-	-
0.00	6.90	6.71	3.60	2.43	1.80	1.36	0.97	0.67	-	-	-	-	-	-
-1.00	12.00	6.83	3.51	2.30	1.69	1.30	0.90	0.62	-	-	-	-	-	-
-2.00	12.00	6.89	3.45	2.25	1.64	1.16	0.82	-	-	-	-	-	-	-
-3.00	12.00	4.83	3.49	2.24	1.52	1.07	0.78	-	-	-	-	-	-	-
-4.00	11.88r	4.64	2.66	2.12	1.45	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	31 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

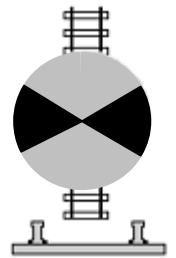
Duty	Config	Sector	Osc Axle	Safety
DU 50-100	RAIL  50mm - 100mm	+/- 60° - +/- 120°		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.52	1.46	-	-	-	-	-	-	-	-
7.00	-	-	-	2.21	1.52	1.11	1.03	-	-	-	-	-	-	-
6.00	-	-	-	2.23	1.58	1.11	0.91	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.09	1.48	1.08	0.78	0.68	-	-	-	-	-	-
4.00	-	-	2.56a	1.97	1.42	1.06	0.75	0.61	-	-	-	-	-	-
3.00	-	-	2.38	1.64	1.29	0.94	0.74	0.54	-	-	-	-	-	-
2.00	-	3.66	2.09	1.36	1.15	0.88	0.67	0.47	-	-	-	-	-	-
1.00	6.31a	3.19	1.83	1.31	0.99	0.81	0.63	0.44	-	-	-	-	-	-
0.00	6.59	2.96	1.72	1.24	0.95	0.75	0.59	0.44	-	-	-	-	-	-
-1.00	6.43	2.99	1.77	1.22	0.93	0.73	0.57	0.51	-	-	-	-	-	-
-2.00	6.49	2.97	1.77	1.23	0.93	0.73	0.59	-	-	-	-	-	-	-
-3.00	6.80	3.12	1.86	1.26	0.94	0.76	0.76	-	-	-	-	-	-	-
-4.00	7.53	3.57	2.11	1.46	1.13	-	-	-	-	-	-	-	-	-



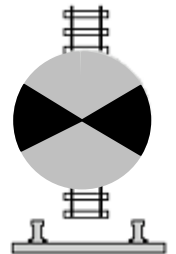
Duty	Config	Sector	Osc Axle	Safety
DU 50-100	RAIL  50mm - 100mm	+/- 60° - +/- 120°		67%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.52	2.19	1.50	-	-	-	-	-	-	-	-
7.00	-	-	-	2.28	2.21	1.60	1.10	-	-	-	-	-	-	-
6.00	-	-	-	2.23	2.17	1.60	1.15	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.72a	2.13	1.58	1.17	0.80	-	-	-	-	-	-
4.00	-	-	3.49	2.88	2.04	1.55	1.18	0.79	-	-	-	-	-	-
3.00	-	-	3.47	2.69	1.96	1.50	1.16	0.79	-	-	-	-	-	-
2.00	-	5.35	4.00	2.62	1.91	1.49	1.12	0.75	-	-	-	-	-	-
1.00	6.31a	6.35a	3.96	2.62	1.91	1.46	1.08	0.71	-	-	-	-	-	-
0.00	6.90	6.71	3.60	2.43	1.80	1.36	0.97	0.67	-	-	-	-	-	-
-1.00	12.00	6.83	3.51	2.30	1.69	1.30	0.90	0.62	-	-	-	-	-	-
-2.00	12.00	6.89	3.45	2.25	1.64	1.16	0.82	-	-	-	-	-	-	-
-3.00	12.00	4.83	3.49	2.24	1.52	1.07	0.78	-	-	-	-	-	-	-
-4.00	11.88r	4.64	2.66	2.12	1.45	-	-	-	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	32 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

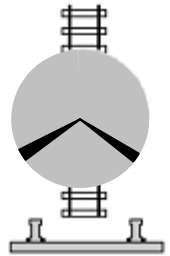
Duty	Config	Sector	Osc Axle	Safety
EU 50-100	RAIL  50mm - 100mm	+/- 120° - +/- 130° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.66	1.60	-	-	-	-	-	-	-	-
7.00	-	-	-	2.37	1.56a	1.23	1.15	-	-	-	-	-	-	-
6.00	-	-	-	2.38	1.72	1.23	1.03	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.24	1.62	1.21	0.89	0.79	-	-	-	-	-	-
4.00	-	-	2.56a	2.13	1.56	1.18	0.86	0.72	-	-	-	-	-	-
3.00	-	-	2.57	1.80	1.43	1.06	0.85	0.66	-	-	-	-	-	-
2.00	-	3.89	2.29	1.53	1.30	1.01	0.78	0.62	-	-	-	-	-	-
1.00	6.31a	3.44	2.04	1.48	1.14	0.94	0.74	0.59	-	-	-	-	-	-
0.00	6.76	3.22	1.94	1.42	1.10	0.88	0.71	0.60	-	-	-	-	-	-
-1.00	6.61	3.25	1.98	1.40	1.08	0.85	0.69	0.65	-	-	-	-	-	-
-2.00	6.67	3.23	1.98	1.41	1.08	0.85	0.71	-	-	-	-	-	-	-
-3.00	6.96	3.38	2.07	1.44	1.09	0.89	0.88	-	-	-	-	-	-	-
-4.00	7.62	3.81	2.32	1.64	1.29	-	-	-	-	-	-	-	-	-



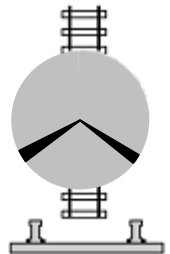
Duty	Config	Sector	Osc Axle	Safety
EU 50-100	RAIL  50mm - 100mm	+/- 120° - +/- 130° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.68	2.34	1.64	-	-	-	-	-	-	-	-
7.00	-	-	-	2.43	2.37	1.73	1.22	-	-	-	-	-	-	-
6.00	-	-	-	2.39	2.32	1.73	1.28	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.83a	2.29	1.72	1.29	0.90	-	-	-	-	-	-
4.00	-	-	3.67	3.06	2.20	1.68	1.30	0.90	-	-	-	-	-	-
3.00	-	-	3.68	2.88	2.12	1.64	1.28	0.89	-	-	-	-	-	-
2.00	-	5.54	4.21	2.81	2.07	1.63	1.24	0.86	-	-	-	-	-	-
1.00	6.31a	6.42a	4.17	2.81	2.07	1.60	1.20	0.82	-	-	-	-	-	-
0.00	7.05	6.87	3.83	2.62	1.96	1.50	1.10	0.78	-	-	-	-	-	-
-1.00	11.71	6.98	3.74	2.50	1.86	1.44	1.02	0.73	-	-	-	-	-	-
-2.00	12.00	7.03	3.69	2.45	1.81	1.31	0.95	-	-	-	-	-	-	-
-3.00	12.00	5.06	3.72	2.44	1.69	1.22	0.91	-	-	-	-	-	-	-
-4.00	11.69	4.87	2.88	2.32	1.62	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	33 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

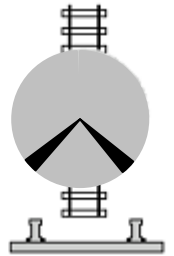
Duty	Config	Sector	Osc Axle	Safety
FU 50-100	RAIL  50mm - 100mm	+/- 130° - +/- 140° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.64	1.56a	1.40	1.31	-	-	-	-	-	-	-
6.00	-	-	-	2.65	1.92	1.33a	1.17	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.51	1.82	1.32a	1.03	0.91	-	-	-	-	-	-
4.00	-	-	2.56a	2.40	1.76	1.29a	0.99	0.84	-	-	-	-	-	-
3.00	-	-	2.94	2.06	1.63	1.22	0.98	0.78	-	-	-	-	-	-
2.00	-	4.49	2.65	1.78	1.49	1.17	0.91	0.74	-	-	-	-	-	-
1.00	6.31a	4.03	2.39	1.74	1.33	1.10	0.87	0.72	-	-	-	-	-	-
0.00	7.80a	3.79	2.29	1.67	1.29	1.03	0.84	0.72	-	-	-	-	-	-
-1.00	8.01	3.83	2.33	1.65	1.27	1.01	0.83	0.78	-	-	-	-	-	-
-2.00	8.06	3.81	2.33	1.66	1.27	1.01	0.85	-	-	-	-	-	-	-
-3.00	8.43	3.98	2.42	1.69	1.28	1.05	1.04	-	-	-	-	-	-	-
-4.00	9.15	4.43	2.69	1.89	1.51	-	-	-	-	-	-	-	-	-



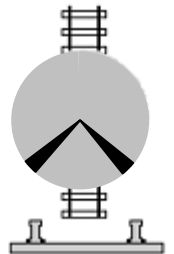
Duty	Config	Sector	Osc Axle	Safety
FU 50-100	RAIL  50mm - 100mm	+/- 130° - +/- 140° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.84a	2.61	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.71	2.64	1.94	1.38	-	-	-	-	-	-	-
6.00	-	-	-	2.66	2.59	1.93	1.44	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.93a	2.56	1.92	1.46	1.04	-	-	-	-	-	-
4.00	-	-	4.12	3.39	2.47	1.89	1.47	1.04	-	-	-	-	-	-
3.00	-	-	4.19	3.25	2.39	1.85	1.45	1.03	-	-	-	-	-	-
2.00	-	6.44	4.83	3.18	2.33	1.83	1.41	1.00	-	-	-	-	-	-
1.00	6.31a	6.83a	4.79	3.18	2.33	1.80	1.36	0.95	-	-	-	-	-	-
0.00	8.49	8.24	4.42	2.98	2.22	1.70	1.26	0.91	-	-	-	-	-	-
-1.00	12.00	8.39	4.34	2.86	2.12	1.64	1.18	0.86	-	-	-	-	-	-
-2.00	12.00	8.43	4.27	2.81	2.06	1.50	1.10	-	-	-	-	-	-	-
-3.00	12.00	5.92	4.31	2.80	1.95	1.41	1.06	-	-	-	-	-	-	-
-4.00	12.00	5.69	3.31	2.68	1.87	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	34 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

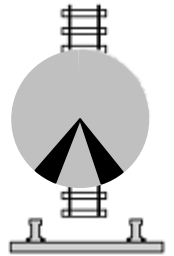
Duty	Config	Sector	Osc Axle	Safety
GU 50-100	 RAIL 50mm - 100mm	+/- 140° - +/- 160° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-
7.00	-	-	-	-	2.91	1.56a	1.44a	1.52a	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	2.19	1.33a	1.34a	-	-	-	-	-	-
5.00	-	-	-	2.72a	2.69a	2.10	1.32a	1.27	1.16	-	-	-	-	-
4.00	-	-	-	2.56a	2.69	2.04	1.29a	1.24	1.08	-	-	-	-	-
3.00	-	-	-	3.25	2.38	1.92	1.32a	1.23	1.02	-	-	-	-	-
2.00	-	-	4.68	3.00	2.12	1.80	1.41a	1.17	0.97	-	-	-	-	-
1.00	-	6.31a	4.29	2.76	2.09	1.65	1.38	1.13	0.95	-	-	-	-	-
0.00	-	6.96a	4.09	2.67	2.02	1.61	1.32	1.10	0.96	-	-	-	-	-
-1.00	4.79r	7.38	4.13	2.71	2.00	1.59	1.30	1.08	1.03	-	-	-	-	-
-2.00	4.53r	6.91r	4.11	2.71	2.02	1.59	1.30	1.10	-	-	-	-	-	-
-3.00	4.18r	7.67	4.25	2.79	2.05	1.60	1.33	1.32	-	-	-	-	-	-
-4.00	-	8.20	4.63	3.03	2.23	1.83	-	-	-	-	-	-	-	-



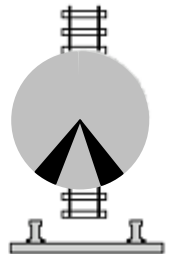
Duty	Config	Sector	Osc Axle	Safety
GU 50-100	 RAIL 50mm - 100mm	+/- 140° - +/- 160° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	2.47a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.90a	2.88	1.83a	-	-	-	-	-	-	-
7.00	-	-	-	-	2.95a	2.90	2.20	1.65	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	2.86	2.20	1.70	-	-	-	-	-	-
5.00	-	-	-	2.72a	3.02a	2.83	2.19	1.72	1.29	-	-	-	-	-
4.00	-	-	-	4.30	3.61	2.75	2.16	1.71	1.29	-	-	-	-	-
3.00	-	-	-	4.39	3.52	2.67	2.12	1.70	1.28	-	-	-	-	-
2.00	-	-	6.28	4.96	3.46	2.63	2.11	1.67	1.24	-	-	-	-	-
1.00	-	6.31a	6.67	4.92	3.46	2.62	2.08	1.60	1.20	-	-	-	-	-
0.00	-	9.07a	7.58	4.61	3.28	2.52	1.99	1.53	1.17	-	-	-	-	-
-1.00	6.93r	11.86r	7.67	4.54	3.18	2.43	1.93	1.46	1.12	-	-	-	-	-
-2.00	10.67r	12.00	7.70	4.49	3.13	2.38	1.80	1.38	-	-	-	-	-	-
-3.00	9.78r	11.90	7.74	4.52	3.12	2.27	1.72	1.35	-	-	-	-	-	-
-4.00	-	11.35	5.68	3.62	3.02	2.21	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	35 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

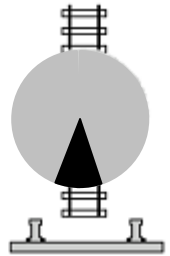
Duty	Config	Sector	Osc Axle	Safety
HU 50-100	 RAIL 50mm - 100mm	+/- 160° - +/- 180° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.44a	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.30a	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.53b	1.66a	1.29a	1.30a	1.30a	1.30a	1.30a
2.00	6.74r	6.24b	5.15b	4.27b	3.68b	3.22b	2.84b	2.44r	1.62a	1.33a	1.33a	1.34a	1.32a	1.34a
1.00	4.88a	4.90a	4.62r	3.92r	3.43r	3.04r	2.63r	2.44r	1.59a	1.41a	1.42a	1.39a	1.36a	1.36a
0.00	5.28a	4.75a	4.78a	4.08r	3.54r	3.17r	2.93r	2.75r	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	5.43a	4.39r	3.87r	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	7.24b	6.30b	5.03a	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.75a	-	-
-3.00	11.57b	8.75b	7.56b	5.07a	3.94a	3.36a	2.96a	2.80a	2.45a	2.12a	2.03a	-	-	-
-4.00	11.79b	9.55b	7.41b	6.13a	4.71a	3.94a	3.33a	2.86a	-	-	-	-	-	-



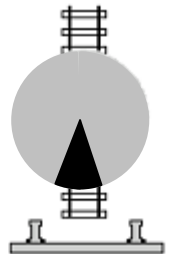
Duty	Config	Sector	Osc Axle	Safety
HU 50-100	 RAIL 50mm - 100mm	+/- 160° - +/- 180° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	3.00a	2.90a	2.52a	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.29a	3.28a	3.22a	3.04a	2.66a	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.44a	4.19a	4.04a	3.88a	3.70a	3.49a	3.20a	2.43a	-
3.00	-	-	6.70b	7.28b	7.23b	6.35b	5.74b	5.08b	4.84b	4.39b	4.17a	3.67a	2.90a	1.87a
2.00	7.11a	9.32b	9.20b	8.95b	8.37b	7.20b	6.47b	5.54b	5.13b	4.69b	4.37b	4.13b	3.22a	2.04a
1.00	8.62a	11.45b	10.70b	9.82a	8.82b	7.56b	6.77b	5.88b	5.31b	4.82b	4.49b	4.17b	3.57a	1.91a
0.00	12.00	12.00	12.00	10.30b	8.85b	7.71b	6.79b	6.04b	5.45b	4.97b	4.54b	4.18b	3.51a	1.44a
-1.00	12.00	12.00	12.00	10.69b	9.11b	7.83b	6.82b	6.10b	5.49b	5.01b	4.59b	4.13b	2.83a	-
-2.00	12.00	12.00	12.00	10.93b	9.32b	7.94b	7.02b	6.25b	5.59b	5.01b	4.31b	3.60a	-	-
-3.00	12.00	12.00	12.00	11.16b	9.41b	7.99b	7.01b	6.11b	5.12b	4.18b	3.22a	-	-	-
-4.00	12.00	12.00	11.00b	8.94a	7.48b	6.18b	4.95b	3.78b	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	36 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

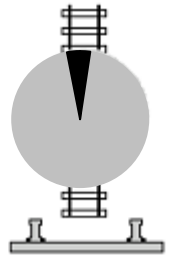
Duty	Config	Sector	Osc Axle	Safety
AL 50-100	RAIL 50mm - 100mm	+/- 10° Over Osc End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.43r	3.42r	2.81r	1.62a	1.54a	1.44a	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.86a	4.12r	2.74a	1.86a	1.70a	1.72a	-	-	-	-	-	-
-2.00	8.54a	7.43a	7.14b	5.03a	2.41a	2.12a	1.76a	-	-	-	-	-	-	-
-3.00	8.53r	10.41b	6.73a	3.79a	2.80a	2.24a	2.19a	-	-	-	-	-	-	-
-4.00	9.51r	11.79b	6.93b	4.59a	3.33a	-	-	-	-	-	-	-	-	-



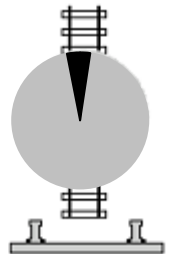
Duty	Config	Sector	Osc Axle	Safety
AL 50-100	RAIL 50mm - 100mm	+/- 10° Over Osc End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.78a	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.29a	3.28a	3.14a	2.30a	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.23a	3.99a	3.64a	2.87a	-	-	-	-	-	-
3.00	-	-	7.16b	7.28b	6.10b	4.82a	3.92	3.20a	-	-	-	-	-	-
2.00	-	7.61a	9.32b	8.24	6.13b	4.78	3.92	3.18	-	-	-	-	-	-
1.00	6.31a	10.66a	11.45b	8.22b	6.07b	4.78	3.91	3.11	-	-	-	-	-	-
0.00	9.57a	12.00	12.00	8.34b	6.15b	4.83	3.83	3.06	-	-	-	-	-	-
-1.00	12.00	12.00	12.00	8.41	6.18	4.79	3.75	3.01	-	-	-	-	-	-
-2.00	12.00	12.00	12.00	8.48	6.15	4.67	3.67	-	-	-	-	-	-	-
-3.00	12.00	12.00	12.00	8.44	6.02	4.55	3.20a	-	-	-	-	-	-	-
-4.00	12.00	12.00	10.03	7.53b	4.98b	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	37 of 62

RATED LIFT CAPACITY CHART

Your safety, your profit, our commitment

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

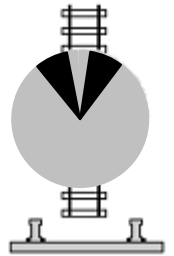
Duty	Config	Sector	Osc Axle	Safety
BL 50-100	RAIL  50mm - 100mm	+/- 10° - +/- 40° Over Osc End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.20	-	-	-	-	-	-
3.00	-	-	4.53a	3.50	2.67	1.32a	1.30a	1.10	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.05	2.45	1.41a	1.33a	1.02	-	-	-	-	-	-
1.00	6.31a	4.88a	4.34	2.99	2.17	1.45a	1.28	0.99	-	-	-	-	-	-
0.00	7.80a	4.75a	4.17	2.88	2.10	1.59	1.23	1.00	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.23	2.85	2.07	1.56	1.20	1.11	-	-	-	-	-	-
-2.00	8.54a	7.43a	4.24	2.88	2.07	1.56	1.23	-	-	-	-	-	-	-
-3.00	8.53r	8.17	4.39	2.92	2.09	1.61	1.59	-	-	-	-	-	-	-
-4.00	9.51r	9.04	4.87	3.24	2.52	-	-	-	-	-	-	-	-	-



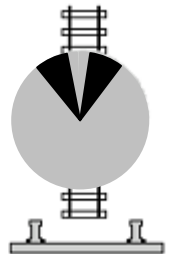
Duty	Config	Sector	Osc Axle	Safety
BL 50-100	RAIL  50mm - 100mm	+/- 10° - +/- 40° Over Osc End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.24	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.27a	3.08a	2.27a	1.53	-	-	-	-	-	-
4.00	-	-	5.08a	5.32	3.87b	3.05	2.26	1.54	-	-	-	-	-	-
3.00	-	-	6.67b	5.65	3.92	2.99	2.25	1.53	-	-	-	-	-	-
2.00	-	7.61a	9.07	5.47	3.85	2.93	2.17	1.47	-	-	-	-	-	-
1.00	6.31a	9.39a	9.05r	5.51	3.85	2.90	2.09	1.40	-	-	-	-	-	-
0.00	9.57a	12.00	8.80r	5.26	3.70	2.79	1.95	1.34	-	-	-	-	-	-
-1.00	12.00	12.00	8.72	5.10	3.58	2.67a	1.83	1.26	-	-	-	-	-	-
-2.00	12.00	12.00	8.57	5.03	3.49	2.46	1.71	-	-	-	-	-	-	-
-3.00	12.00	12.00	8.66	5.00	3.31	2.30	1.64	-	-	-	-	-	-	-
-4.00	12.00	12.00	6.16	4.81	3.19	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	38 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

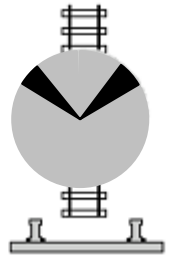
Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

Duty	Config	Sector	Osc Axle	Safety
CL 50-100	RAIL 50mm - 100mm	+/- 40° - +/- 60° Over Osc End		90%

RADIUS

HEIGHT	RADIUS													
	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.29	1.22	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.95	2.50	1.84a	1.29a	1.28a	1.25	1.05	-
3.00	-	-	5.08a	4.36b	3.72	3.16	2.80	2.30	1.66a	1.29a	1.30a	1.18	1.00	0.95
2.00	6.74r	6.24b	5.15b	4.16	3.22	2.82	2.41	2.14	1.62a	1.33a	1.33a	1.11	0.95	0.89
1.00	4.88a	4.90a	4.62r	3.78	3.13	2.59	2.23	1.88	1.59a	1.41a	1.21	1.08	0.91	0.88
0.00	5.28a	4.75a	4.78a	3.68	3.03	2.48	2.15	1.83	1.59	1.39	1.18	1.03	0.90	0.89
-1.00	6.46a	5.13a	4.78	3.69	2.97	2.50	2.10	1.78	1.54	1.34	1.16	1.02	0.97	-
-2.00	8.10a	6.69	4.82	3.72	3.03	2.51	2.09	1.77	1.53	1.33	1.17	1.07	-	-
-3.00	10.59	6.88	5.04	3.79	3.06	2.57	2.12	1.83	1.58	1.38	1.35	-	-	-
-4.00	11.49	7.58	5.35	4.11	3.36	2.79	2.40	2.07	-	-	-	-	-	-

MINIMUM LOADS

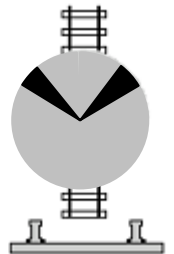


Duty	Config	Sector	Osc Axle	Safety
CL 50-100	RAIL 50mm - 100mm	+/- 40° - +/- 60° Over Osc End		90%

RADIUS

HEIGHT	RADIUS													
	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	2.79	2.33	1.92	1.53	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.21	2.82	2.39	1.98	1.59	1.27	-
4.00	-	-	5.08a	5.60	4.89a	4.20	3.61	3.19	2.77b	2.40	1.97	1.61	1.29	-
3.00	-	-	6.67b	6.33	5.18a	4.30	3.64b	3.13	2.72	2.40	1.95	1.60	1.29	1.00
2.00	7.11a	9.24	8.15	6.13	4.98	4.15	3.56	3.06	2.69	2.33	1.90	1.56	1.25	0.98
1.00	8.62a	9.71	8.10	6.10	4.94	4.12	3.52	3.08	2.66	2.23	1.83	1.46	1.19	0.93
0.00	12.00	10.91r	7.91	6.01	4.89	3.97r	3.46	2.92r	2.53	2.09	1.70	1.38	1.12	0.89
-1.00	12.00	11.59	7.86	5.88	4.69	3.81	3.30	2.79	2.38a	1.95	1.58	1.29	1.05	-
-2.00	12.00	10.86	7.66	5.75	4.56	3.75	3.18	2.65	2.18	1.79	1.46	1.21	-	-
-3.00	12.00	11.42	7.56	5.69	4.56	3.66	3.00	2.46	2.03	1.68	1.40	-	-	-
-4.00	12.00	11.59	7.35	5.59	4.29	3.45	2.84	2.13	-	-	-	-	-	-



MAXIMUM LOADS



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	39 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

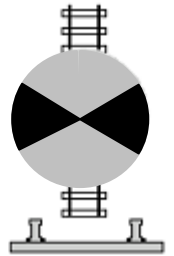
Duty	Config	Sector	Osc Axle	Safety
DL 50-100	RAIL  50mm - 100mm	+/- 60° - +/- 120°		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.78	1.32a	1.34a	1.21	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.68	1.29a	1.29a	1.09	-	-	-	-	-	-
3.00	-	-	4.53a	3.24	2.47	1.32a	1.30a	0.99	-	-	-	-	-	-
2.00	-	6.74r	4.37	2.81	2.25	1.41a	1.22	0.92	-	-	-	-	-	-
1.00	6.31a	4.88a	3.94	2.74	1.98	1.45a	1.15	0.88	-	-	-	-	-	-
0.00	7.80a	4.75a	3.78	2.63	1.91	1.44	1.10	0.89	-	-	-	-	-	-
-1.00	8.02a	5.92a	3.84	2.59	1.87	1.41	1.08	0.99	-	-	-	-	-	-
-2.00	8.54a	6.92	3.85	2.63	1.88	1.41	1.11	-	-	-	-	-	-	-
-3.00	8.53r	7.26	3.99	2.67	1.90	1.46	1.44	-	-	-	-	-	-	-
-4.00	9.51r	8.07	4.44	2.98	2.29	-	-	-	-	-	-	-	-	-



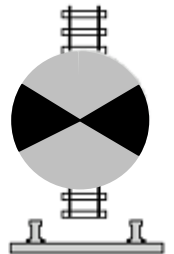
Duty	Config	Sector	Osc Axle	Safety
DL 50-100	RAIL  50mm - 100mm	+/- 60° - +/- 120°		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.00a	2.91	2.07	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.26a	2.90	2.12	1.42	-	-	-	-	-	-
4.00	-	-	5.08a	5.00a	3.71a	2.86	2.12a	1.42	-	-	-	-	-	-
3.00	-	-	6.50b	5.24	3.69	2.80	2.09	1.40	-	-	-	-	-	-
2.00	-	7.61a	8.35	5.12b	3.61	2.78	2.05	1.35	-	-	-	-	-	-
1.00	6.31a	9.07	8.18	5.09	3.61	2.71	1.93	1.28	-	-	-	-	-	-
0.00	9.57a	11.84	7.94	4.86r	3.47	2.59	1.80	1.22	-	-	-	-	-	-
-1.00	12.00	12.00	7.81	4.68	3.32	2.48	1.68	1.13	-	-	-	-	-	-
-2.00	12.00	12.00	7.68	4.61	3.24	2.26	1.55	-	-	-	-	-	-	-
-3.00	12.00	11.80	7.76	4.59	3.06	2.11	1.49	-	-	-	-	-	-	-
-4.00	12.00	11.16	5.61	4.40	2.94	-	-	-	-	-	-	-	-	-





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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	40 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

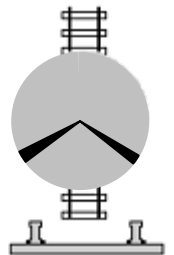
Duty	Config	Sector	Osc Axle	Safety
EL 50-100	RAIL  50mm - 100mm	+/- 120° - +/- 130° Over Fixed End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.20	-	-	-	-	-	-
3.00	-	-	4.53a	3.50	2.67	1.32a	1.30a	1.10	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.05	2.45	1.41a	1.33a	1.02	-	-	-	-	-	-
1.00	6.31a	4.88a	4.34	2.99	2.17	1.45a	1.28	0.99	-	-	-	-	-	-
0.00	7.80a	4.75a	4.17	2.88	2.10	1.59	1.23	1.00	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.23	2.85	2.07	1.56	1.20	1.11	-	-	-	-	-	-
-2.00	8.54a	7.43a	4.24	2.88	2.07	1.56	1.23	-	-	-	-	-	-	-
-3.00	8.53r	8.17	4.39	2.92	2.09	1.61	1.59	-	-	-	-	-	-	-
-4.00	9.51r	9.04	4.87	3.24	2.52	-	-	-	-	-	-	-	-	-



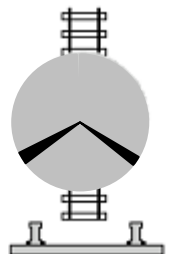
Duty	Config	Sector	Osc Axle	Safety
EL 50-100	RAIL  50mm - 100mm	+/- 120° - +/- 130° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.24	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.27a	3.08a	2.27a	1.53	-	-	-	-	-	-
4.00	-	-	5.08a	5.32	3.87b	3.05	2.26	1.54	-	-	-	-	-	-
3.00	-	-	6.67b	5.65	3.92	2.99	2.25	1.53	-	-	-	-	-	-
2.00	-	7.61a	9.07	5.46	3.85	2.93	2.17	1.47	-	-	-	-	-	-
1.00	6.31a	9.39a	9.05r	5.51	3.85	2.90	2.09	1.40	-	-	-	-	-	-
0.00	9.57a	12.00	8.80r	5.26	3.70	2.79	1.95	1.34	-	-	-	-	-	-
-1.00	12.00	12.00	8.72	5.10	3.58	2.67a	1.83	1.26	-	-	-	-	-	-
-2.00	12.00	12.00	8.57	5.03	3.49	2.46	1.71	-	-	-	-	-	-	-
-3.00	12.00	12.00	8.66	5.00	3.31	2.30	1.64	-	-	-	-	-	-	-
-4.00	12.00	12.00	6.16	4.81	3.19	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	41 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

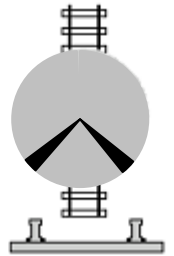
Duty	Config	Sector	Osc Axle	Safety
FL 50-100	RAIL  50mm - 100mm	+/- 130° - +/- 140° Over Fixed End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.43r	3.42r	2.77	1.62a	1.54a	1.44a	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.86a	3.55	2.74	1.86a	1.70a	1.60	-	-	-	-	-	-
-2.00	8.54a	7.43a	5.05	3.58	2.41a	2.12a	1.74	-	-	-	-	-	-	-
-3.00	8.53r	8.79	5.19	3.62	2.76	2.19	2.16	-	-	-	-	-	-	-
-4.00	9.51r	9.52	5.63	3.92	3.16	-	-	-	-	-	-	-	-	-



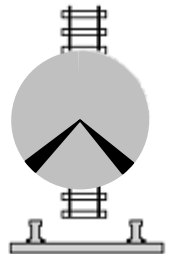
Duty	Config	Sector	Osc Axle	Safety
FL 50-100	RAIL  50mm - 100mm	+/- 130° - +/- 140° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.73	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.29a	3.28a	2.76	2.00	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.23a	3.49	2.76	2.02	-	-	-	-	-	-
3.00	-	-	6.67b	6.18b	4.49	3.46b	2.75	2.00	-	-	-	-	-	-
2.00	-	7.61a	9.21b	6.04b	4.37	3.41b	2.69	1.97	-	-	-	-	-	-
1.00	6.31a	9.39a	9.30	6.02	4.38	3.43b	2.60	1.90	-	-	-	-	-	-
0.00	9.57a	12.00	9.13	5.93	4.30	3.32	2.50	1.82a	-	-	-	-	-	-
-1.00	12.00	12.00	9.23	5.81	4.22	3.21	2.36	1.76	-	-	-	-	-	-
-2.00	12.00	12.00	9.10	5.75	4.14	3.05	2.28	-	-	-	-	-	-	-
-3.00	12.00	12.00	9.17	5.72	3.98	2.93	2.21	-	-	-	-	-	-	-
-4.00	12.00	12.00	6.87	5.56	3.87	-	-	-	-	-	-	-	-	-





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. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	42 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

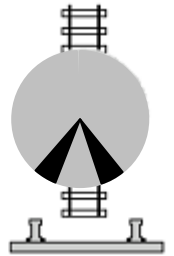
Duty	Config	Sector	Osc Axle	Safety
GL 50-100	RAIL  50mm - 100mm	+/- 140° - +/- 160° Over Fixed End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.43r	3.42r	2.81r	1.62a	1.54a	1.44a	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.86a	4.12r	2.74a	1.86a	1.70a	1.72a	-	-	-	-	-	-
-2.00	8.54a	7.43a	6.24	4.51	2.41a	2.12a	1.76a	-	-	-	-	-	-	-
-3.00	8.53r	10.41b	6.37	3.79a	2.80a	2.24a	2.19a	-	-	-	-	-	-	-
-4.00	9.51r	11.15	6.83	4.59a	3.33a	-	-	-	-	-	-	-	-	-



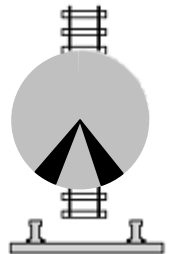
Duty	Config	Sector	Osc Axle	Safety
GL 50-100	RAIL  50mm - 100mm	+/- 140° - +/- 160° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.78a	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.29a	3.28a	3.14a	2.30a	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.23a	3.99	3.27	2.58	-	-	-	-	-	-
3.00	-	-	7.12	7.00	5.21b	4.07	3.30	2.57	-	-	-	-	-	-
2.00	-	7.61a	9.32b	7.00	5.12b	4.01	3.27	2.53	-	-	-	-	-	-
1.00	6.31a	10.66a	10.55	7.04	5.13b	4.03	3.19a	2.48	-	-	-	-	-	-
0.00	9.57a	12.00	10.71	7.02	5.13	4.02	3.11	2.42	-	-	-	-	-	-
-1.00	12.00	12.00	10.81	6.91	5.06	3.90	3.01	2.34	-	-	-	-	-	-
-2.00	12.00	12.00	10.67	6.91	5.04	3.75	2.92	-	-	-	-	-	-	-
-3.00	12.00	12.00	10.75	6.88	4.86	3.66	2.88	-	-	-	-	-	-	-
-4.00	12.00	12.00	8.19	6.72	4.77	-	-	-	-	-	-	-	-	-



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. Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	43 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

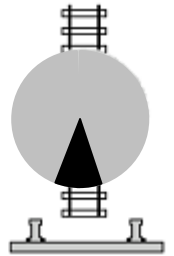
Duty	Config	Sector	Osc Axle	Safety
HL 50-100	RAIL 50mm - 100mm	+/- 160° - +/- 180° Over Fixed End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.44a	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.30a	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.53b	1.66a	1.29a	1.30a	1.30a	1.30a	1.30a
2.00	6.74r	6.24b	5.15b	4.27b	3.68b	3.22b	2.84b	2.44r	1.62a	1.33a	1.34a	1.34a	1.32a	1.34a
1.00	4.88a	4.90a	4.62r	3.92r	3.43r	3.04r	2.63r	2.44r	1.59a	1.41a	1.42a	1.39a	1.36a	1.36a
0.00	5.28a	4.75a	4.78a	4.08r	3.54r	3.17r	2.93r	2.75r	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	5.43a	4.39r	3.87r	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	7.24b	6.30b	5.03a	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.75a	-	-
-3.00	11.57b	8.75b	7.56b	5.07a	3.94a	3.36a	2.96a	2.80a	2.45a	2.12a	2.03a	-	-	-
-4.00	11.79b	9.55b	7.41b	6.13a	4.71a	3.94a	3.33a	2.86a	-	-	-	-	-	-



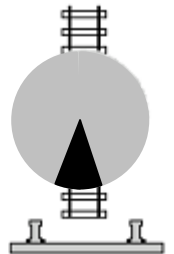
Duty	Config	Sector	Osc Axle	Safety
HL 50-100	RAIL 50mm - 100mm	+/- 160° - +/- 180° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	3.00a	2.90a	2.52a	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.29a	3.28a	3.22a	3.04a	2.66a	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.44a	4.19a	4.04a	3.88a	3.70a	3.49a	3.20a	2.43a	-
3.00	-	-	6.70b	7.28b	7.23b	6.35b	5.74b	5.08b	4.84b	4.39b	4.17a	3.67a	2.90a	1.87a
2.00	7.11a	9.32b	9.20b	8.95b	8.37b	7.20b	6.47b	5.54b	5.13b	4.69b	4.37b	4.13b	3.22a	2.04a
1.00	8.62a	11.45b	10.70b	9.82a	8.82b	7.56b	6.77b	5.88b	5.31b	4.82b	4.49b	4.17b	3.57a	1.91a
0.00	12.00	12.00	12.00	10.30b	8.85b	7.71b	6.79b	6.04b	5.45b	4.97b	4.54b	4.18b	3.51a	1.44a
-1.00	12.00	12.00	12.00	10.69b	9.11b	7.83b	6.82b	6.10b	5.49b	5.01b	4.59b	4.13b	2.83a	-
-2.00	12.00	12.00	12.00	10.93b	9.32b	7.94b	7.02b	6.25b	5.59b	5.01b	4.31b	3.60a	-	-
-3.00	12.00	12.00	12.00	11.16b	9.41b	7.99b	7.01b	6.11b	5.12b	4.18b	3.22a	-	-	-
-4.00	12.00	12.00	11.00b	8.94a	7.48b	6.18b	4.95b	3.78b	-	-	-	-	-	-



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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	44 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

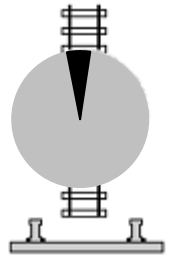
Duty	Config	Sector	Osc Axle	Safety
AU 100-150	RAIL 100mm - 150mm	+/- 10° Over Osc End		67%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-
7.00	-	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-
5.00	-	-	-	2.72a	2.69a	2.64	1.32a	1.34a	1.33a	-	-	-	-	-
4.00	-	-	-	2.56a	3.02a	2.58	1.29a	1.29a	1.33a	-	-	-	-	-
3.00	-	-	-	4.10	3.04	2.46	1.32a	1.30a	1.30a	-	-	-	-	-
2.00	-	-	5.85	3.85	2.78	2.34	1.41a	1.33a	1.32	-	-	-	-	-
1.00	-	6.31a	4.88a	3.60	2.74	2.18	1.45a	1.39a	1.30	-	-	-	-	-
0.00	-	6.96a	4.75a	3.52	2.68	2.15	1.62a	1.49	1.31	-	-	-	-	-
-1.00	4.79r	7.46r	5.32	3.55	2.66	2.13	1.75	1.48	1.40	-	-	-	-	-
-2.00	4.53r	6.91r	5.29	3.55	2.68	2.13	1.75	1.50	-	-	-	-	-	-
-3.00	4.18r	8.53r	5.45	3.64	2.70	2.14	1.78	1.77	-	-	-	-	-	-
-4.00	-	9.51r	5.84	3.90	2.89	2.40	-	-	-	-	-	-	-	-



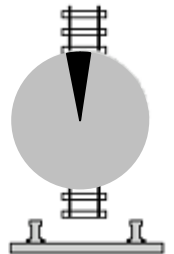
Duty	Config	Sector	Osc Axle	Safety
AU 100-150	RAIL 100mm - 150mm	+/- 10° Over Osc End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	2.47a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-
7.00	-	-	-	-	2.95a	2.95a	2.70	1.86a	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	3.00a	2.74	2.14	-	-	-	-	-	-
5.00	-	-	-	2.72a	3.15a	3.20a	2.73	2.16	1.67	-	-	-	-	-
4.00	-	-	-	5.08a	4.41	3.40	2.69	2.15	1.67	-	-	-	-	-
3.00	-	-	-	5.43	4.36	3.33	2.65	2.15	1.67	-	-	-	-	-
2.00	-	-	7.32r	6.14	4.29	3.28	2.64	2.10	1.64	-	-	-	-	-
1.00	-	6.31a	7.69	6.03	4.30	3.28	2.59	2.05	1.59	-	-	-	-	-
0.00	-	9.57a	9.48	5.78	4.12	3.17	2.52	1.97	1.56	-	-	-	-	-
-1.00	6.93r	12.00	9.61	5.72	4.01	3.08	2.46	1.91	1.51	-	-	-	-	-
-2.00	10.67r	12.00	9.63	5.66	3.97	3.03	2.34	1.84	-	-	-	-	-	-
-3.00	9.78r	12.00	9.66	5.69	3.96	2.93	2.25	1.80	-	-	-	-	-	-
-4.00	-	12.00	7.10	4.58	3.86	2.86	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	45 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

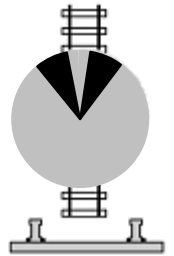
Duty	Config	Sector	Osc Axle	Safety
BU 100-150	RAIL	+/- 10° - +/- 40° Over Osc End		67%
	 100mm - 150mm			

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.51	1.45	-	-	-	-	-	-	-	-
7.00	-	-	-	2.18	1.50	1.11	1.03	-	-	-	-	-	-	-
6.00	-	-	-	2.19	1.56	1.10	0.91	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.06	1.47	1.08	0.78	0.68	-	-	-	-	-	-
4.00	-	-	2.56a	1.94	1.40	1.06	0.75	0.62	-	-	-	-	-	-
3.00	-	-	2.33	1.62	1.28	0.93	0.74	0.54	-	-	-	-	-	-
2.00	-	3.53	2.04	1.34	1.14	0.88	0.67	0.48	-	-	-	-	-	-
1.00	6.31a	3.08	1.80	1.30	0.99	0.81	0.63	0.45	-	-	-	-	-	-
0.00	6.11	2.86	1.69	1.23	0.95	0.75	0.60	0.45	-	-	-	-	-	-
-1.00	5.96	2.89	1.73	1.21	0.92	0.73	0.57	0.52	-	-	-	-	-	-
-2.00	6.01	2.87	1.74	1.22	0.92	0.73	0.60	-	-	-	-	-	-	-
-3.00	6.28	3.02	1.82	1.25	0.94	0.76	0.76	-	-	-	-	-	-	-
-4.00	6.95	3.44	2.07	1.45	1.12	-	-	-	-	-	-	-	-	-



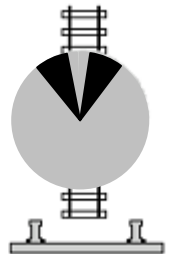
Duty	Config	Sector	Osc Axle	Safety
BU 100-150	RAIL	+/- 10° - +/- 40° Over Osc End		67%
	 100mm - 150mm			

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.47	2.16	1.49	-	-	-	-	-	-	-	-
7.00	-	-	-	2.24	2.18	1.58	1.09	-	-	-	-	-	-	-
6.00	-	-	-	2.20	2.14	1.58	1.15	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.72a	2.10	1.57	1.17	0.79	-	-	-	-	-	-
4.00	-	-	3.39	2.81	2.01	1.53	1.18	0.79	-	-	-	-	-	-
3.00	-	-	3.37	2.63	1.94	1.49	1.15	0.79	-	-	-	-	-	-
2.00	-	5.08	3.86	2.56	1.88	1.47	1.12	0.75	-	-	-	-	-	-
1.00	6.31a	6.31	3.82	2.56	1.88	1.45	1.07	0.71	-	-	-	-	-	-
0.00	6.39	6.23	3.47	2.38	1.77	1.35	0.97	0.67	-	-	-	-	-	-
-1.00	11.07	6.34	3.39	2.26	1.67	1.29	0.89	0.62	-	-	-	-	-	-
-2.00	11.23	6.39	3.33	2.20	1.62	1.16	0.82	-	-	-	-	-	-	-
-3.00	11.48	4.60	3.37	2.20	1.51	1.07	0.78	-	-	-	-	-	-	-
-4.00	10.68	4.43	2.59	2.08	1.43	-	-	-	-	-	-	-	-	-





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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).
PAGE	46 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

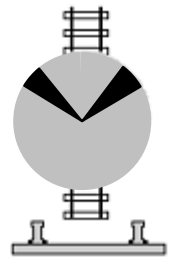
Duty	Config	Sector	Osc Axle	Safety
CU 100-150	RAIL  100mm - 150mm	+/- 40° - +/- 60° Over Osc End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.39	1.34	-	-	-	-	-	-	-	-
7.00	-	-	-	2.03	1.39	1.01	0.93	-	-	-	-	-	-	-
6.00	-	-	-	2.05	1.45	1.01	0.82	-	-	-	-	-	-	-
5.00	-	-	2.72	1.91	1.35	0.98	0.70	0.60	-	-	-	-	-	-
4.00	-	-	2.56	1.80	1.29	0.96	0.66	0.50	-	-	-	-	-	-
3.00	-	-	2.14	1.47	1.16	0.84	0.65	0.43	-	-	-	-	-	-
2.00	-	3.26	1.85	1.20	1.03	0.78	0.57	0.37	-	-	-	-	-	-
1.00	6.04	2.80	1.61	1.15	0.87	0.71	0.52	0.34	-	-	-	-	-	-
0.00	5.60	2.58	1.50	1.08	0.83	0.65	0.47	0.34	-	-	-	-	-	-
-1.00	5.46	2.61	1.54	1.07	0.81	0.63	0.44	0.40	-	-	-	-	-	-
-2.00	5.51	2.59	1.55	1.08	0.80	0.63	0.47	-	-	-	-	-	-	-
-3.00	5.75	2.73	1.63	1.10	0.82	0.66	0.66	-	-	-	-	-	-	-
-4.00	6.43	3.15	1.87	1.30	1.00	-	-	-	-	-	-	-	-	-



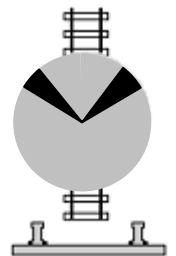
Duty	Config	Sector	Osc Axle	Safety
CU 100-150	RAIL  100mm - 150mm	+/- 40° - +/- 60° Over Osc End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.31	2.01	1.37	-	-	-	-	-	-	-	-
7.00	-	-	-	2.10	2.03	1.46	0.99	-	-	-	-	-	-	-
6.00	-	-	-	2.05	1.99	1.46	1.05	-	-	-	-	-	-	-
5.00	-	-	2.72	2.65	1.96	1.45	1.07	0.71	-	-	-	-	-	-
4.00	-	-	3.16	2.63	1.87	1.41	1.08	0.71	-	-	-	-	-	-
3.00	-	-	3.13	2.45	1.79	1.37	1.06	0.70	-	-	-	-	-	-
2.00	-	4.72	3.58	2.37	1.74	1.36	1.02	0.67	-	-	-	-	-	-
1.00	6.04	5.82	3.54	2.37	1.74	1.33	0.97	0.62	-	-	-	-	-	-
0.00	5.88	5.74	3.20	2.19	1.63	1.24	0.87	0.57	-	-	-	-	-	-
-1.00	10.22	5.84	3.11	2.07	1.53	1.17	0.80	0.50	-	-	-	-	-	-
-2.00	10.46	5.89	3.06	2.01	1.48	1.04	0.72	-	-	-	-	-	-	-
-3.00	10.66	4.24	3.10	2.01	1.36	0.95	0.68	-	-	-	-	-	-	-
-4.00	9.89	4.08	2.38	1.89	1.29	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	47 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

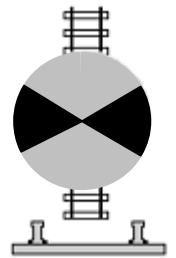
Duty	Config	Sector	Osc Axle	Safety
DU 100-150	RAIL  100mm - 150mm	+/- 60° - +/- 120°		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.39	1.34	-	-	-	-	-	-	-	-
7.00	-	-	-	2.03	1.39	1.01	0.93	-	-	-	-	-	-	-
6.00	-	-	-	2.05	1.45	1.01	0.82	-	-	-	-	-	-	-
5.00	-	-	2.72	1.91	1.35	0.98	0.70	0.60	-	-	-	-	-	-
4.00	-	-	2.56	1.80	1.29	0.96	0.66	0.50	-	-	-	-	-	-
3.00	-	-	2.14	1.47	1.16	0.84	0.65	0.43	-	-	-	-	-	-
2.00	-	3.26	1.85	1.20	1.03	0.78	0.57	0.37	-	-	-	-	-	-
1.00	6.04	2.80	1.61	1.15	0.87	0.71	0.52	0.34	-	-	-	-	-	-
0.00	5.60	2.58	1.50	1.08	0.83	0.65	0.47	0.34	-	-	-	-	-	-
-1.00	5.46	2.61	1.54	1.07	0.81	0.63	0.44	0.40	-	-	-	-	-	-
-2.00	5.51	2.59	1.55	1.08	0.80	0.63	0.47	-	-	-	-	-	-	-
-3.00	5.75	2.73	1.63	1.10	0.82	0.66	0.66	-	-	-	-	-	-	-
-4.00	6.43	3.15	1.87	1.30	1.00	-	-	-	-	-	-	-	-	-



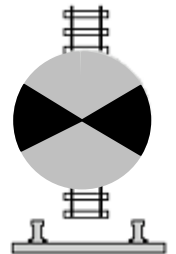
Duty	Config	Sector	Osc Axle	Safety
DU 100-150	RAIL  100mm - 150mm	+/- 60° - +/- 120°		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.31	2.01	1.37	-	-	-	-	-	-	-	-
7.00	-	-	-	2.10	2.03	1.46	0.99	-	-	-	-	-	-	-
6.00	-	-	-	2.05	1.99	1.46	1.05	-	-	-	-	-	-	-
5.00	-	-	2.72	2.65	1.96	1.45	1.07	0.71	-	-	-	-	-	-
4.00	-	-	3.16	2.63	1.87	1.41	1.08	0.71	-	-	-	-	-	-
3.00	-	-	3.13	2.45	1.79	1.37	1.06	0.70	-	-	-	-	-	-
2.00	-	4.72	3.58	2.37	1.74	1.36	1.02	0.67	-	-	-	-	-	-
1.00	6.04	5.82	3.54	2.37	1.74	1.33	0.97	0.62	-	-	-	-	-	-
0.00	5.88	5.74	3.20	2.19	1.63	1.24	0.87	0.57	-	-	-	-	-	-
-1.00	10.22	5.84	3.11	2.07	1.53	1.17	0.80	0.50	-	-	-	-	-	-
-2.00	10.46	5.89	3.06	2.01	1.48	1.04	0.72	-	-	-	-	-	-	-
-3.00	10.66	4.24	3.10	2.01	1.36	0.95	0.68	-	-	-	-	-	-	-
-4.00	9.89	4.08	2.38	1.89	1.29	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	48 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

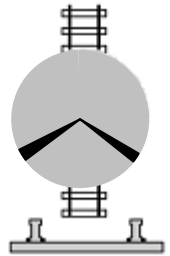
Duty	Config	Sector	Osc Axle	Safety
EU 100-150	RAIL  100mm - 150mm	+/- 120° - +/- 130° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.51	1.45	-	-	-	-	-	-	-	-
7.00	-	-	-	2.18	1.50	1.11	1.03	-	-	-	-	-	-	-
6.00	-	-	-	2.19	1.56	1.10	0.91	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.06	1.47	1.08	0.78	0.68	-	-	-	-	-	-
4.00	-	-	2.56a	1.94	1.40	1.06	0.75	0.62	-	-	-	-	-	-
3.00	-	-	2.33	1.62	1.28	0.94	0.74	0.54	-	-	-	-	-	-
2.00	-	3.53	2.04	1.34	1.14	0.88	0.67	0.48	-	-	-	-	-	-
1.00	6.31a	3.08	1.80	1.30	0.99	0.81	0.63	0.45	-	-	-	-	-	-
0.00	6.11	2.86	1.69	1.23	0.95	0.75	0.60	0.45	-	-	-	-	-	-
-1.00	5.96	2.89	1.73	1.21	0.92	0.73	0.57	0.52	-	-	-	-	-	-
-2.00	6.01	2.87	1.74	1.22	0.92	0.73	0.60	-	-	-	-	-	-	-
-3.00	6.28	3.02	1.82	1.25	0.94	0.76	0.76	-	-	-	-	-	-	-
-4.00	6.95	3.44	2.07	1.45	1.12	-	-	-	-	-	-	-	-	-



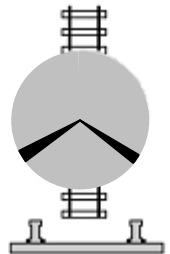
Duty	Config	Sector	Osc Axle	Safety
EU 100-150	RAIL  100mm - 150mm	+/- 120° - +/- 130° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.47	2.16	1.49	-	-	-	-	-	-	-	-
7.00	-	-	-	2.24	2.18	1.58	1.09	-	-	-	-	-	-	-
6.00	-	-	-	2.20	2.14	1.58	1.15	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.72a	2.10	1.57	1.17	0.79	-	-	-	-	-	-
4.00	-	-	3.39	2.81	2.01	1.53	1.18	0.79	-	-	-	-	-	-
3.00	-	-	3.37	2.63	1.94	1.49	1.15	0.79	-	-	-	-	-	-
2.00	-	5.08	3.86	2.56	1.88	1.47	1.12	0.75	-	-	-	-	-	-
1.00	6.31a	6.31	3.82	2.56	1.88	1.45	1.07	0.71	-	-	-	-	-	-
0.00	6.39	6.23	3.47	2.38	1.77	1.35	0.97	0.67	-	-	-	-	-	-
-1.00	11.07	6.34	3.39	2.26	1.67	1.29	0.89	0.62	-	-	-	-	-	-
-2.00	11.23	6.39	3.33	2.20	1.62	1.16	0.82	-	-	-	-	-	-	-
-3.00	11.49	4.60	3.37	2.20	1.51	1.07	0.78	-	-	-	-	-	-	-
-4.00	10.68	4.43	2.59	2.08	1.44	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	49 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

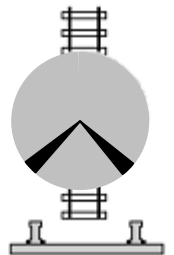
Duty	Config	Sector	Osc Axle	Safety
FU 100-150	RAIL  100mm - 150mm	+/- 130° - +/- 140° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.64	1.59	-	-	-	-	-	-	-	-
7.00	-	-	-	2.33	1.56a	1.23	1.15	-	-	-	-	-	-	-
6.00	-	-	-	2.34	1.70	1.22	1.02	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.21	1.60	1.20	0.89	0.79	-	-	-	-	-	-
4.00	-	-	2.56a	2.10	1.54	1.18	0.86	0.72	-	-	-	-	-	-
3.00	-	-	2.52	1.78	1.42	1.06	0.85	0.66	-	-	-	-	-	-
2.00	-	3.76	2.25	1.51	1.29	1.00	0.78	0.62	-	-	-	-	-	-
1.00	6.31a	3.32	2.01	1.47	1.13	0.94	0.74	0.60	-	-	-	-	-	-
0.00	6.31	3.11	1.91	1.40	1.09	0.87	0.71	0.60	-	-	-	-	-	-
-1.00	6.17	3.14	1.95	1.39	1.07	0.85	0.69	0.65	-	-	-	-	-	-
-2.00	6.22	3.13	1.95	1.40	1.07	0.85	0.71	-	-	-	-	-	-	-
-3.00	6.47	3.27	2.03	1.42	1.08	0.89	0.88	-	-	-	-	-	-	-
-4.00	7.09	3.67	2.27	1.62	1.28	-	-	-	-	-	-	-	-	-



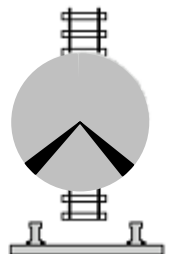
Duty	Config	Sector	Osc Axle	Safety
FU 100-150	RAIL  100mm - 150mm	+/- 130° - +/- 140° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.63	2.31	1.62	-	-	-	-	-	-	-	-
7.00	-	-	-	2.40	2.33	1.71	1.21	-	-	-	-	-	-	-
6.00	-	-	-	2.35	2.29	1.71	1.27	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.82	2.25	1.70	1.29	0.90	-	-	-	-	-	-
4.00	-	-	3.56	2.99	2.17	1.67	1.29	0.90	-	-	-	-	-	-
3.00	-	-	3.57	2.82	2.09	1.63	1.27	0.89	-	-	-	-	-	-
2.00	-	5.28	4.07	2.75	2.04	1.61	1.24	0.86	-	-	-	-	-	-
1.00	6.31a	6.32a	4.03	2.75	2.04	1.58	1.19	0.82	-	-	-	-	-	-
0.00	6.57	6.42	3.70	2.57	1.93	1.49	1.09	0.78	-	-	-	-	-	-
-1.00	10.78	6.51	3.62	2.45	1.83	1.43	1.02	0.73	-	-	-	-	-	-
-2.00	10.92	6.56	3.56	2.40	1.78	1.30	0.94	-	-	-	-	-	-	-
-3.00	11.14	4.82	3.60	2.39	1.67	1.21	0.90	-	-	-	-	-	-	-
-4.00	10.45	4.65	2.81	2.28	1.60	-	-	-	-	-	-	-	-	-





NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	50 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

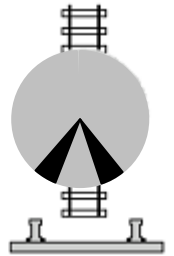
Duty	Config	Sector	Osc Axle	Safety
GU 100-150	RAIL  100mm - 150mm	+/- 140° - +/- 160° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.67	1.56a	1.44	1.35	-	-	-	-	-	-	-
6.00	-	-	-	2.68	1.96	1.33a	1.21	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.55	1.86	1.32a	1.07	0.95	-	-	-	-	-	-
4.00	-	-	2.56a	2.43	1.80	1.29a	1.03	0.88	-	-	-	-	-	-
3.00	-	-	2.97	2.11	1.67	1.27	1.02	0.82	-	-	-	-	-	-
2.00	-	4.46	2.69	1.83	1.54	1.21	0.96	0.77	-	-	-	-	-	-
1.00	6.31a	4.02	2.44	1.79	1.38	1.15	0.92	0.76	-	-	-	-	-	-
0.00	7.80a	3.80	2.34	1.72	1.34	1.08	0.89	0.76	-	-	-	-	-	-
-1.00	7.66	3.84	2.38	1.70	1.32	1.06	0.87	0.82	-	-	-	-	-	-
-2.00	7.72	3.81	2.38	1.72	1.32	1.06	0.89	-	-	-	-	-	-	-
-3.00	8.04	3.97	2.47	1.74	1.33	1.09	1.08	-	-	-	-	-	-	-
-4.00	8.70	4.40	2.73	1.94	1.56	-	-	-	-	-	-	-	-	-



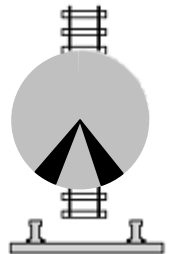
Duty	Config	Sector	Osc Axle	Safety
GU 100-150	RAIL  100mm - 150mm	+/- 140° - +/- 160° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.84a	2.64	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.74	2.67	1.97	1.42	-	-	-	-	-	-	-
6.00	-	-	-	2.69	2.62	1.97	1.48	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.94	2.59	1.96	1.50	1.08	-	-	-	-	-	-
4.00	-	-	4.11	3.40	2.50	1.92	1.51	1.08	-	-	-	-	-	-
3.00	-	-	4.17	3.27	2.42	1.88	1.48	1.07	-	-	-	-	-	-
2.00	-	6.29	4.79	3.20	2.37	1.87	1.45	1.04	-	-	-	-	-	-
1.00	6.31a	6.76	4.74	3.20	2.37	1.84	1.40	0.99	-	-	-	-	-	-
0.00	8.11	7.89	4.39	3.01	2.26	1.75	1.30	0.96	-	-	-	-	-	-
-1.00	12.00	8.02	4.31	2.89	2.16	1.68	1.22	0.90	-	-	-	-	-	-
-2.00	12.00	8.06	4.26	2.84	2.11	1.55	1.15	-	-	-	-	-	-	-
-3.00	12.00	5.80	4.29	2.83	1.99	1.46	1.11	-	-	-	-	-	-	-
-4.00	12.00	5.58	3.33	2.72	1.92	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	51 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

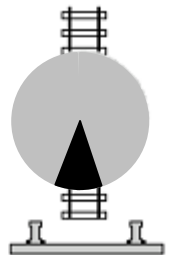
Duty	Config	Sector	Osc Axle	Safety
HU 100-150	RAIL  100mm - 150mm	+/- 160° - +/- 180° Over Fixed End		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-
7.00	-	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-
5.00	-	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-
4.00	-	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-
3.00	-	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-
2.00	-	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-
1.00	-	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-
0.00	-	6.96a	4.75a	4.43r	3.42r	2.81r	1.62a	1.54a	1.44a	-	-	-	-	-
-1.00	4.79r	7.46r	5.92a	4.86a	3.89	2.74a	1.86a	1.70a	1.72a	-	-	-	-	-
-2.00	4.53r	6.91r	7.43a	5.14	3.92	2.41a	2.12a	1.76a	-	-	-	-	-	-
-3.00	4.18r	8.53r	7.70	5.22	3.79a	2.80a	2.24a	2.19a	-	-	-	-	-	-
-4.00	-	9.51r	8.11	5.51	4.13	3.33a	-	-	-	-	-	-	-	-



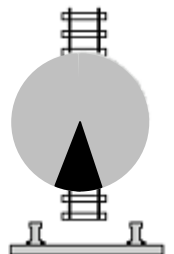
Duty	Config	Sector	Osc Axle	Safety
HU 100-150	RAIL  100mm - 150mm	+/- 160° - +/- 180° Over Fixed End		67%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	2.47a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-
7.00	-	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	3.01a	3.01a	2.78a	-	-	-	-	-	-
5.00	-	-	-	2.72a	3.15a	3.29a	3.28a	2.94a	2.30a	-	-	-	-	-
4.00	-	-	-	5.08a	5.59a	4.23a	3.59	2.96	2.39	-	-	-	-	-
3.00	-	-	-	6.67b	5.86	4.47	3.59	2.94	2.38	-	-	-	-	-
2.00	-	-	7.61a	8.17	5.76	4.40	3.55	2.92	2.36	-	-	-	-	-
1.00	-	6.31a	8.84	8.09	5.73	4.40	3.56b	2.86	2.33	-	-	-	-	-
0.00	-	9.57a	10.81a	7.97	5.65	4.35	3.51	2.80	2.28	-	-	-	-	-
-1.00	6.93r	12.00	12.00	7.92	5.58	4.30	3.42a	2.73	2.23	-	-	-	-	-
-2.00	10.67r	12.00	12.00	7.85	5.55	4.26	3.33	2.68	-	-	-	-	-	-
-3.00	9.78r	12.00	12.00	7.89	5.53	4.15	3.26	2.64	-	-	-	-	-	-
-4.00	-	12.00	9.78	6.38	5.44	4.08	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	52 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

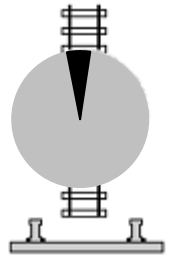
Duty	Config	Sector	Osc Axle	Safety
AL 100-150	RAIL 100mm - 150mm	+/- 10° Over Osc End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-
7.00	-	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-
5.00	-	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-
4.00	-	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-
3.00	-	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-
2.00	-	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-
1.00	-	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-
0.00	-	6.96a	4.75a	4.43r	3.42r	2.81r	1.62a	1.54a	1.44a	-	-	-	-	-
-1.00	4.79r	7.46r	5.92a	4.86a	4.12r	2.74a	1.86a	1.70a	1.72a	-	-	-	-	-
-2.00	4.53r	6.91r	7.43a	6.44	4.90	2.41a	2.12a	1.76a	-	-	-	-	-	-
-3.00	4.18r	8.53r	9.69	6.55	3.79a	2.80a	2.24a	2.19a	-	-	-	-	-	-
-4.00	-	9.51r	10.23	6.93b	4.59a	3.33a	-	-	-	-	-	-	-	-



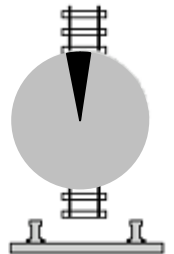
Duty	Config	Sector	Osc Axle	Safety
AL 100-150	RAIL 100mm - 150mm	+/- 10° Over Osc End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	-	2.47a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-
7.00	-	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	3.01a	3.01a	2.78a	-	-	-	-	-	-
5.00	-	-	-	2.72a	3.15a	3.29a	3.28a	3.14a	2.30a	-	-	-	-	-
4.00	-	-	-	5.08a	5.59a	4.23a	3.99a	3.60a	2.87a	-	-	-	-	-
3.00	-	-	-	7.16b	7.07	5.48	4.38	3.64	2.94	-	-	-	-	-
2.00	-	-	7.61a	9.32b	7.05b	5.38	4.33	3.61	2.92	-	-	-	-	-
1.00	-	6.31a	10.06	9.90	7.09b	5.39	4.33	3.56a	2.87	-	-	-	-	-
0.00	-	9.57a	12.00	9.92	7.09	5.40	4.37	3.48	2.82	-	-	-	-	-
-1.00	6.93r	12.00	12.00	10.00	7.00	5.37	4.25	3.39	2.76	-	-	-	-	-
-2.00	10.67r	12.00	12.00	9.90	7.00	5.36	4.15	3.32	-	-	-	-	-	-
-3.00	9.78r	12.00	12.00	9.96	6.97	5.20	4.07	3.20a	-	-	-	-	-	-
-4.00	-	12.00	12.00	8.04	6.84	4.98b	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	53 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

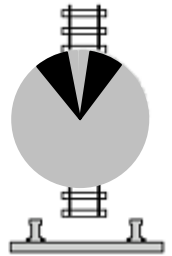
Duty	Config	Sector	Osc Axle	Safety
BL 100-150	RAIL 100mm - 150mm	+/- 10° - +/- 40° Over Osc End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.33	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.50	1.31a	1.32a	1.30a	1.16	1.09	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.79	2.32	1.84a	1.29a	1.28a	1.11	0.92	-
3.00	-	-	5.08a	4.36b	3.52	2.98	2.61	2.12	1.66a	1.29a	1.30	1.04	0.87	0.82
2.00	6.74r	6.24b	5.15b	3.95	3.01	2.62	2.22	1.95	1.62	1.33a	1.20	0.97	0.82	0.76
1.00	4.88a	4.90a	4.62r	3.55	2.91	2.37	2.03	1.70	1.54	1.30	1.06	0.94	0.78	0.75
0.00	5.28a	4.75a	4.66	3.44	2.82	2.26	1.94	1.64	1.42	1.23	1.03	0.89	0.77	0.76
-1.00	6.46a	5.13a	4.54	3.46	2.75	2.28	1.89	1.59	1.36	1.18	1.01	0.88	0.83	-
-2.00	8.10a	6.51	4.59	3.49	2.81	2.29	1.89	1.59	1.35	1.16	1.02	0.93	-	-
-3.00	10.72	6.71	4.82	3.57	2.84	2.35	1.92	1.64	1.41	1.22	1.19	-	-	-
-4.00	11.73	7.45	5.15	3.90	3.15	2.59	2.19	1.88	-	-	-	-	-	-



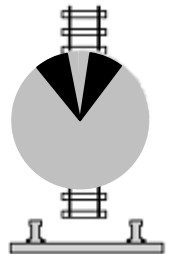
Duty	Config	Sector	Osc Axle	Safety
BL 100-150	RAIL 100mm - 150mm	+/- 10° - +/- 40° Over Osc End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.63a	2.11	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.00a	2.71	2.21a	1.78	1.42	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.26a	3.10	2.69	2.26	1.83	1.45	1.13	-
4.00	-	-	5.08a	5.43	4.81	4.04a	3.52a	3.09	2.66	2.26	1.82	1.47	1.15	-
3.00	-	-	6.67b	6.18	5.07	4.18	3.49	2.99	2.56	2.24	1.81	1.46	1.15	0.87
2.00	7.11a	9.23	8.07	6.08b	4.89	4.01	3.39b	2.95	2.56	2.17	1.78	1.41	1.11	0.85
1.00	8.62a	9.73r	8.02	6.02b	4.86	3.94	3.35	2.92	2.50	2.07a	1.68	1.32	1.06	0.80
0.00	12.00	10.91r	7.81	5.84	4.71	3.79	3.29	2.80	2.36	1.94	1.55	1.24	0.98	0.76
-1.00	12.00	11.83	7.76	5.71	4.50	3.63	3.12	2.62	2.21	1.79	1.42	1.14	0.91	-
-2.00	12.00	11.01	7.55	5.57	4.36	3.56	3.00	2.46	2.01	1.62	1.30	1.06	-	-
-3.00	12.00	11.64	7.44	5.50	4.37	3.47	2.82	2.27	1.85	1.52	1.25	-	-	-
-4.00	12.00	11.83	7.21	5.40	4.08	3.25	2.65	1.95	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	54 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

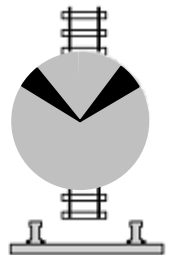
Duty	Config	Sector	Osc Axle	Safety
CL 100-150	RAIL 100mm - 150mm	+/- 40° - +/- 60° Over Osc End		90%

RADIUS

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.47	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.76	1.49a	1.39a	1.33a	1.14	1.05	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.58	2.12	1.31a	1.32a	1.14	0.89	0.83	-
4.00	-	-	2.56a	2.70a	2.94a	2.92	2.36	1.94	1.59	1.29a	1.09	0.85	0.68	-
3.00	-	-	5.08a	3.80	2.99	2.50	2.16	1.73	1.39	1.21	1.01	0.78	0.63	0.58
2.00	6.74r	6.24b	4.63	3.33	2.47	2.12	1.78	1.56	1.27	1.08	0.91	0.71	0.57	0.53
1.00	4.88a	4.90a	3.97	2.92	2.35	1.88	1.60	1.31	1.19	0.98	0.78	0.68	0.54	0.51
0.00	5.28a	4.75a	3.86	2.82	2.25	1.77	1.51	1.25	1.08	0.92	0.74	0.62	0.52	0.51
-1.00	6.46a	5.13a	3.75	2.84	2.18	1.79	1.46	1.21	1.02	0.87	0.73	0.62	0.58	-
-2.00	8.10a	5.46	3.80	2.87	2.25	1.79	1.46	1.20	1.01	0.85	0.73	0.66	-	-
-3.00	9.12	5.65	4.03	2.94	2.29	1.85	1.49	1.26	1.06	0.90	0.89	-	-	-
-4.00	10.09	6.40	4.36	3.27	2.62	2.09	1.74	1.48	-	-	-	-	-	-

MINIMUM LOADS

HEIGHT



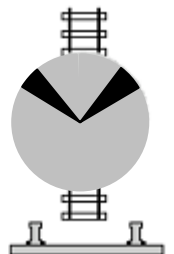
Duty	Config	Sector	Osc Axle	Safety
CL 100-150	RAIL 100mm - 150mm	+/- 40° - +/- 60° Over Osc End		90%

RADIUS

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.82	2.28	1.80	-	-	-	-
6.00	-	-	-	-	-	2.92a	2.99a	2.81	2.33	1.87	1.47	1.13	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.20a	2.80	2.32	1.92	1.52	1.16	0.87	-
4.00	-	-	5.08a	5.02	4.31	3.68	3.20	2.71	2.28	1.92	1.53	1.19	0.89	-
3.00	-	-	6.42	5.76a	4.49	3.74	3.10	2.62	2.21	1.90	1.52	1.17	0.89	0.62
2.00	7.11a	8.76	7.15	5.37	4.33	3.53	3.00	2.55	2.19	1.88	1.47	1.13	0.85	0.61
1.00	8.62a	9.39a	7.21	5.42	4.30	3.54	2.94	2.53	2.12	1.77	1.37	1.03	0.79	0.56
0.00	12.00	10.45	6.99	5.21	4.09	3.33	2.85	2.38	1.98	1.60	1.24	0.96	0.72	0.51
-1.00	12.00	10.23	6.71	4.93	3.89	3.12	2.68	2.19	1.83	1.45	1.11	0.86	0.65	-
-2.00	12.00	9.52	6.51	4.79	3.75	3.05	2.54	2.04	1.63	1.28	0.99	0.78	-	-
-3.00	12.00	10.07	6.41	4.73	3.75	2.95	2.34	1.84	1.48	1.17	0.94	-	-	-
-4.00	12.00	10.25	6.19	4.62	3.46	2.74	2.16	1.55	-	-	-	-	-	-

MAXIMUM LOADS

HEIGHT



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	55 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

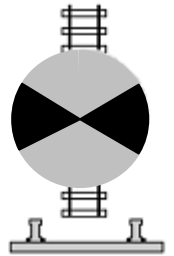
Duty	Config	Sector	Osc Axle	Safety
DL 100-150	RAIL 100mm - 150mm	+/- 60° - +/- 120°		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.47	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.76	1.49a	1.39a	1.33a	1.14	1.05	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.58	2.12	1.31a	1.32a	1.14	0.89	0.83	-
4.00	-	-	2.56a	2.70a	2.94a	2.92	2.36	1.94	1.59	1.29a	1.09	0.85	0.68	-
3.00	-	-	5.08a	3.80	2.99	2.50	2.16	1.73	1.39	1.21	1.01	0.78	0.63	0.58
2.00	6.74r	6.24b	4.63	3.33	2.47	2.12	1.78	1.56	1.27	1.08	0.91	0.71	0.57	0.53
1.00	4.88a	4.90a	3.97	2.92	2.35	1.88	1.60	1.31	1.19	0.98	0.78	0.68	0.54	0.51
0.00	5.28a	4.75a	3.86	2.82	2.25	1.77	1.51	1.25	1.08	0.92	0.74	0.62	0.52	0.51
-1.00	6.46a	5.13a	3.75	2.84	2.18	1.79	1.46	1.21	1.02	0.87	0.73	0.62	0.58	-
-2.00	8.10a	5.46	3.80	2.87	2.25	1.79	1.46	1.20	1.01	0.85	0.73	0.66	-	-
-3.00	9.12	5.65	4.03	2.94	2.29	1.85	1.49	1.26	1.06	0.90	0.89	-	-	-
-4.00	10.09	6.40	4.36	3.27	2.62	2.09	1.74	1.48	-	-	-	-	-	-



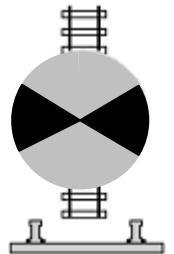
Duty	Config	Sector	Osc Axle	Safety
DL 100-150	RAIL 100mm - 150mm	+/- 60° - +/- 120°		90%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.82	2.28	1.80	-	-	-	-
6.00	-	-	-	-	-	2.92a	2.99a	2.81	2.33	1.87	1.47	1.13	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.20a	2.80	2.32	1.92	1.52	1.16	0.87	-
4.00	-	-	5.08a	5.02	4.31	3.68	3.20	2.71	2.28	1.92	1.53	1.19	0.89	-
3.00	-	-	6.42	5.76a	4.49	3.74	3.10	2.62	2.21	1.90	1.52	1.17	0.89	0.62
2.00	7.11a	8.76	7.15	5.37	4.33	3.53	3.00	2.55	2.19	1.88	1.47	1.13	0.85	0.61
1.00	8.62a	9.39a	7.21	5.42	4.30	3.54	2.94	2.53	2.12	1.77	1.37	1.03	0.79	0.56
0.00	12.00	10.45	6.99	5.21	4.09	3.33	2.85	2.38	1.98	1.60	1.24	0.96	0.72	0.51
-1.00	12.00	10.23	6.71	4.93	3.89	3.12	2.68	2.19	1.83	1.45	1.11	0.86	0.65	-
-2.00	12.00	9.52	6.51	4.79	3.75	3.05	2.54	2.04	1.63	1.28	0.99	0.78	-	-
-3.00	12.00	10.07	6.41	4.73	3.75	2.95	2.34	1.84	1.48	1.17	0.94	-	-	-
-4.00	12.00	10.25	6.19	4.62	3.46	2.74	2.16	1.55	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	56 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

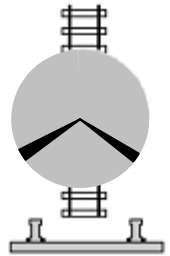
Duty	Config	Sector	Osc Axle	Safety
EL 100-150	RAIL  100mm - 150mm	+/- 120° - +/- 130° Over Fixed End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.59	1.31a	1.32a	1.30a	1.26	1.19	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.86	2.42	1.84a	1.29a	1.28a	1.21	1.02	-
3.00	-	-	5.08a	4.36b	3.57	3.05	2.71	2.22	1.66a	1.29a	1.30a	1.15	0.97	0.92
2.00	6.74r	6.24b	5.15b	3.98	3.09	2.72	2.33	2.07	1.62a	1.33a	1.30	1.08	0.92	0.87
1.00	4.88a	4.90a	4.62r	3.61	3.00	2.49	2.15	1.82	1.59a	1.41	1.17	1.05	0.88	0.85
0.00	5.28a	4.75a	4.63	3.51	2.91	2.39	2.07	1.76	1.54	1.34	1.14	1.00	0.87	0.86
-1.00	6.46a	5.13a	4.52	3.52	2.85	2.41	2.02	1.71	1.49	1.30	1.12	0.99	0.94	-
-2.00	8.10a	6.24	4.56	3.55	2.91	2.41	2.01	1.71	1.48	1.28	1.13	1.04	-	-
-3.00	9.61	6.42	4.77	3.62	2.94	2.46	2.04	1.76	1.53	1.33	1.30	-	-	-
-4.00	10.41	7.07	5.07	3.93	3.23	2.69	2.31	1.99	-	-	-	-	-	-



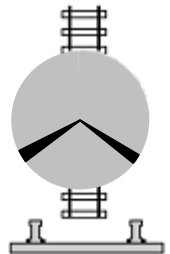
Duty	Config	Sector	Osc Axle	Safety
EL 100-150	RAIL  100mm - 150mm	+/- 120° - +/- 130° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.70	2.20	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.00a	2.72a	2.27	1.87	1.49	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.11	2.76	2.34	1.92	1.55	1.23	-
4.00	-	-	5.08a	5.39a	4.81a	4.05	3.53a	3.13b	2.74	2.34a	1.91	1.57	1.25	-
3.00	-	-	6.67b	6.02	5.01	4.19	3.53	3.05b	2.64	2.33	1.90	1.56	1.25	0.97
2.00	7.11a	9.00	7.64b	5.96	4.85	4.03	3.44	3.01b	2.64	2.26	1.85a	1.51	1.21	0.95
1.00	8.62a	9.39a	7.68	5.90	4.82	3.96	3.40	2.99	2.58	2.16	1.78	1.42	1.16	0.91
0.00	12.00	10.70	7.40r	5.70	4.68	3.82	3.34	2.87	2.45	2.04	1.66	1.34	1.09	0.86
-1.00	12.00	10.53	7.34	5.58	4.49	3.67	3.19	2.71	2.31	1.89	1.53	1.25	1.02	-
-2.00	12.00	9.91	7.16	5.45	4.36	3.61	3.07	2.56	2.11	1.73	1.41	1.17	-	-
-3.00	12.00	10.39	7.07	5.39	4.36	3.52	2.90	2.38	1.97	1.63	1.36	-	-	-
-4.00	12.00	10.54	6.87	5.30	4.10	3.32	2.74	2.06	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	57 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

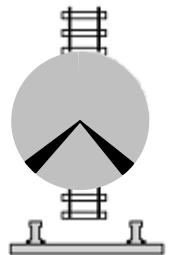
Duty	Config	Sector	Osc Axle	Safety
FL 100-150	RAIL  100mm - 150mm	+/- 130° - +/- 140° Over Fixed End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.26	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.09	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.41	1.66a	1.29a	1.30a	1.22	1.03	0.98
2.00	6.74r	6.24b	5.15b	4.27b	3.43	2.98	2.55	2.25	1.62a	1.33a	1.33a	1.15	0.98	0.92
1.00	4.88a	4.90a	4.62r	3.92r	3.34	2.75	2.35	1.97	1.59a	1.41a	1.25	1.12	0.94	0.91
0.00	5.28a	4.75a	4.78a	3.97	3.23	2.64	2.26	1.92	1.66	1.44	1.22	1.06	0.93	0.92
-1.00	6.46a	5.13a	4.85a	3.99	3.17	2.66	2.21	1.86	1.61	1.39	1.20	1.06	1.00	-
-2.00	8.10a	7.43a	5.32	4.03	3.22	2.66	2.21	1.86	1.59	1.38	1.21	1.11	-	-
-3.00	11.57b	7.89	5.57	4.10	3.26	2.72	2.23	1.91	1.65	1.43	1.40	-	-	-
-4.00	11.79b	8.67	5.91	4.44	3.59	2.94	2.53	2.17	-	-	-	-	-	-



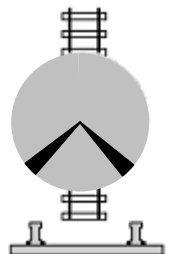
Duty	Config	Sector	Osc Axle	Safety
FL 100-150	RAIL  100mm - 150mm	+/- 130° - +/- 140° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	2.90	2.41	2.00	1.58	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.26a	2.94	2.49	2.02a	1.65	1.31	-
4.00	-	-	5.08a	5.67a	5.05a	4.35a	3.72	3.31	2.89	2.51	2.05	1.67	1.33	-
3.00	-	-	6.70b	6.64	5.54a	4.53a	3.82b	3.28	2.84	2.48	2.03	1.66	1.33	1.03
2.00	7.11a	9.32b	9.02	6.74	5.38b	4.40	3.71	3.17	2.81	2.40	1.98	1.61	1.29	1.02
1.00	8.62a	10.80	9.12b	6.69	5.24	4.39	3.72	3.18	2.78	2.32	1.91	1.51	1.23	0.96
0.00	12.00	11.21	9.04	6.56	5.20	4.19	3.60	3.05	2.65	2.18	1.77	1.43	1.16	0.92
-1.00	12.00	12.00	8.98	6.50	5.07	4.06	3.48	2.92	2.44	2.04	1.64	1.33	1.09	-
-2.00	12.00	12.00	8.75	6.34	4.92	3.99	3.35	2.78	2.29	1.86	1.51	1.26	-	-
-3.00	12.00	12.00	8.62	6.28	4.93	3.90	3.17	2.59	2.13	1.76	1.46	-	-	-
-4.00	12.00	12.00	8.39	6.17	4.63	3.68	2.99	2.24	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	58 of 62



Your safety, your profit, our commitment

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

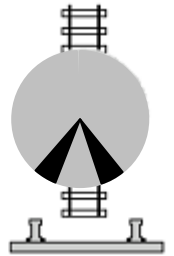
Duty	Config	Sector	Osc Axle	Safety
GL 100-150	RAIL 100mm - 150mm	+/- 140° - +/- 160° Over Fixed End		90%

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.67a	1.72a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.91a	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.36a	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.85b	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.79b	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.53a	3.51b	2.72b	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.64b	3.42b	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.62r	3.42b	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.43r	3.42r	2.81r	1.62a	1.54a	1.44a	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.86a	3.72	2.74a	1.86a	1.70a	1.60	-	-	-	-	-	-
-2.00	8.54a	7.43a	5.47	3.76	2.41a	2.12a	1.76	-	-	-	-	-	-	-
-3.00	8.53r	10.24	5.62	3.79a	2.80a	2.23	2.19a	-	-	-	-	-	-	-
-4.00	9.51r	11.18	6.13	4.12	3.27	-	-	-	-	-	-	-	-	-



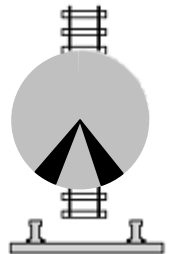
Duty	Config	Sector	Osc Axle	Safety
GL 100-150	RAIL 100mm - 150mm	+/- 140° - +/- 160° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.90a	2.90a	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.95a	2.86a	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.01a	3.01a	2.78a	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.29a	3.28a	2.82	2.02	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.23a	3.58	2.81	2.05	-	-	-	-	-	-
3.00	-	-	6.67b	6.58	4.69	3.56	2.81	2.02	-	-	-	-	-	-
2.00	-	7.61a	9.32b	6.45	4.57	3.50	2.75	2.00	-	-	-	-	-	-
1.00	6.31a	10.66a	10.42	6.47b	4.58	3.53	2.67	1.92	-	-	-	-	-	-
0.00	9.57a	12.00	10.62	6.41	4.49	3.43	2.56	1.83	-	-	-	-	-	-
-1.00	12.00	12.00	10.75	6.31	4.40	3.32	2.40	1.78	-	-	-	-	-	-
-2.00	12.00	12.00	10.57	6.25	4.36	3.15	2.32	-	-	-	-	-	-	-
-3.00	12.00	12.00	10.67	6.22	4.18	3.02	2.25	-	-	-	-	-	-	-
-4.00	12.00	12.00	7.64	6.03	4.06	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	59 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

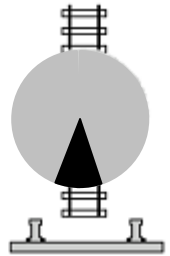
Duty	Config	Sector	Osc Axle	Safety
HL 100-150	 RAIL 100mm - 150mm	+/- 160° - +/- 180° Over Fixed End		90%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.52a	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.81a	1.49a	1.39a	1.33a	1.37a	1.36a	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.92a	2.65b	1.31a	1.32a	1.30a	1.32a	1.44a	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.96b	2.61b	1.84a	1.29a	1.28a	1.29a	1.30a	-
3.00	-	-	5.08a	4.36b	3.78b	3.28b	2.88b	2.53b	1.66a	1.29a	1.30a	1.30a	1.30a	1.30a
2.00	6.74r	6.24b	5.15b	4.27b	3.68b	3.22b	2.84b	2.44r	1.62a	1.33a	1.34a	1.34a	1.32a	1.34a
1.00	4.88a	4.90a	4.62r	3.92r	3.43r	3.04r	2.63r	2.44r	1.59a	1.41a	1.42a	1.39a	1.36a	1.36a
0.00	5.28a	4.75a	4.78a	4.08r	3.54r	3.17r	2.93r	2.75r	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	5.43a	4.39r	3.87r	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	7.24b	6.30b	5.03a	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.75a	-	-
-3.00	11.57b	8.75b	7.56b	5.07a	3.94a	3.36a	2.96a	2.80a	2.45a	2.12a	2.03a	-	-	-
-4.00	11.79b	9.55b	7.41b	6.13a	4.71a	3.94a	3.33a	2.86a	-	-	-	-	-	-



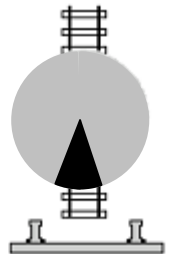
Duty	Config	Sector	Osc Axle	Safety
HL 100-150	 RAIL 100mm - 150mm	+/- 160° - +/- 180° Over Fixed End		90%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.89a	2.73a	2.23a	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	3.01a	3.00a	2.90a	2.52a	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.29a	3.28a	3.22a	3.04a	2.66a	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.44a	4.19a	4.04a	3.88a	3.70a	3.49a	3.20a	2.43a	-
3.00	-	-	6.70b	7.28b	7.23b	6.35b	5.74b	5.08b	4.84b	4.39b	4.17a	3.67a	2.90a	1.87a
2.00	7.11a	9.32b	9.20b	8.95b	8.37b	7.20b	6.47b	5.54b	5.13b	4.69b	4.37b	4.13b	3.22a	2.04a
1.00	8.62a	11.45b	10.70b	9.82a	8.82b	7.56b	6.77b	5.88b	5.31b	4.82b	4.49b	4.17b	3.57a	1.91a
0.00	12.00	12.00	12.00	10.30b	8.85b	7.71b	6.79b	6.04b	5.45b	4.97b	4.54b	4.18b	3.51a	1.44a
-1.00	12.00	12.00	12.00	10.69b	9.11b	7.83b	6.82b	6.10b	5.49b	5.01b	4.59b	4.13b	2.83a	-
-2.00	12.00	12.00	12.00	10.93b	9.32b	7.94b	7.02b	6.25b	5.59b	5.01b	4.31b	3.60a	-	-
-3.00	12.00	12.00	12.00	11.16b	9.41b	7.99b	7.01b	6.11b	5.12b	4.18b	3.22a	-	-	-
-4.00	12.00	12.00	11.00b	8.94a	7.48b	6.18b	4.95b	3.78b	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	60 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

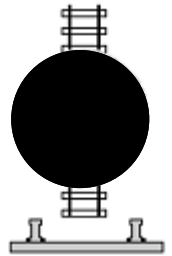
Duty	Config	Sector	Osc Axle	Safety
AU 150+	 RAIL 150mm+	+/- 180°		67%



RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.02a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.88a	1.36	1.30	-	-	-	-	-	-	-	-
7.00	-	-	-	2.03	1.36	0.97	0.89	-	-	-	-	-	-	-
6.00	-	-	-	2.04	1.42	0.97	0.78	-	-	-	-	-	-	-
5.00	-	-	2.72a	1.90	1.32	0.94	0.66	0.53	-	-	-	-	-	-
4.00	-	-	2.56a	1.78	1.25	0.92	0.62	0.44	-	-	-	-	-	-
3.00	-	-	2.14	1.44	1.12	0.79	0.61	0.37	-	-	-	-	-	-
2.00	-	3.37	1.83	1.15	0.98	0.73	0.51	0.30	-	-	-	-	-	-
1.00	6.31a	2.86	1.57	1.10	0.82	0.67	0.45	0.27	-	-	-	-	-	-
0.00	6.29	2.63	1.46	1.03	0.78	0.60	0.40	0.27	-	-	-	-	-	-
-1.00	6.12	2.65	1.50	1.01	0.75	0.56	0.37	0.33	-	-	-	-	-	-
-2.00	6.18	2.64	1.51	1.02	0.75	0.56	0.40	-	-	-	-	-	-	-
-3.00	6.50	2.79	1.60	1.05	0.77	0.61	0.61	-	-	-	-	-	-	-
-4.00	7.31	3.26	1.85	1.26	0.95	-	-	-	-	-	-	-	-	-



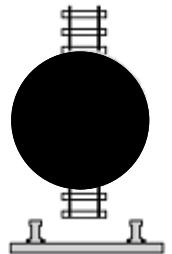
Duty	Config	Sector	Osc Axle	Safety
AU 150+	 RAIL 150mm+	+/- 180°		67%

RADIUS

MAXIMUM LOADS

HEIGHT



	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.32	2.01	1.34	-	-	-	-	-	-	-	-
7.00	-	-	-	2.09	2.03	1.44	0.96	-	-	-	-	-	-	-
6.00	-	-	-	2.05	1.98	1.44	1.01	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69	1.95	1.42	1.03	0.67	-	-	-	-	-	-
4.00	-	-	3.24	2.66	1.85	1.38	1.04	0.67	-	-	-	-	-	-
3.00	-	-	3.21	2.47	1.77	1.34	1.02	0.66	-	-	-	-	-	-
2.00	-	5.06	3.72	2.39	1.72	1.33	0.98	0.63	-	-	-	-	-	-
1.00	6.31a	6.32a	3.68	2.39	1.72	1.30	0.93	0.57	-	-	-	-	-	-
0.00	6.63	6.43	3.30	2.19	1.60	1.20	0.83	0.51	-	-	-	-	-	-
-1.00	12.00	6.56	3.21	2.06	1.50	1.13	0.75	0.43	-	-	-	-	-	-
-2.00	12.00	6.62	3.15	2.00	1.44	0.99	0.67	-	-	-	-	-	-	-
-3.00	12.00	4.52	3.19	2.00	1.32	0.90	0.63	-	-	-	-	-	-	-
-4.00	12.00	4.33	2.39	1.87	1.25	-	-	-	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	61 of 62

RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	30/04/2014	Serial No.	H55777
System Type	PME RAIL	Additional Info.	Hitch, Triple

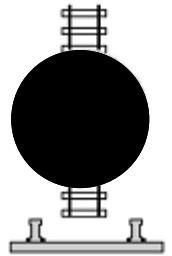
Duty	Config	Sector	Osc Axle	Safety
AL 150+	 RAIL 150mm+	+/- 180°		90%

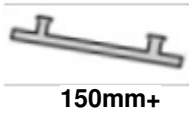

RADIUS

MINIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.21a	2.02a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	1.90a	1.77a	1.66a	1.67a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.70a	1.56a	1.44a	1.49a	1.48	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.72	1.49a	1.39a	1.33a	1.17	1.08	-	-
5.00	-	-	-	2.61a	2.69a	2.79a	2.55	2.11	1.31a	1.32a	1.16	0.92	0.86	-
4.00	-	-	2.56a	2.70a	2.94a	2.87	2.34	1.94	1.60	1.29a	1.11	0.88	0.71	-
3.00	-	-	5.08	3.66	2.91	2.46	2.14	1.74	1.41	1.23	1.03	0.81	0.66	0.61
2.00	6.74r	6.24b	4.38	3.22	2.43	2.10	1.78	1.57	1.29	1.11	0.94	0.74	0.61	0.56
1.00	4.88a	4.90a	3.78	2.84	2.32	1.88	1.61	1.34	1.21	1.01	0.81	0.71	0.57	0.55
0.00	5.28a	4.75a	3.67	2.75	2.23	1.77	1.52	1.28	1.11	0.95	0.78	0.66	0.56	0.55
-1.00	6.46a	4.94	3.58	2.77	2.16	1.79	1.48	1.23	1.05	0.90	0.76	0.65	0.61	-
-2.00	7.70	5.03	3.62	2.80	2.22	1.79	1.47	1.23	1.04	0.89	0.77	0.69	-	-
-3.00	7.87	5.19	3.83	2.86	2.26	1.85	1.50	1.28	1.09	0.94	0.92	-	-	-
-4.00	8.64	5.86	4.13	3.17	2.57	2.08	1.75	1.50	-	-	-	-	-	-



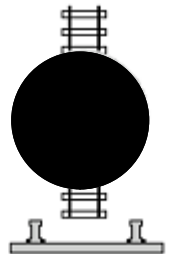
Duty	Config	Sector	Osc Axle	Safety
AL 150+	 RAIL 150mm+	+/- 180°		90%

RADIUS

MAXIMUM LOADS

HEIGHT

	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
10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	-	-	-	2.47a	2.24a	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.86a	2.95a	2.76a	2.23a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.92a	2.77	2.26	1.80	-	-	-	-
6.00	-	-	-	-	-	2.92a	2.99	2.76	2.31	1.86	1.48	1.15	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.16	2.76	2.30	1.91	1.53	1.18	0.90	-
4.00	-	-	5.08a	4.78	4.13	3.57	3.13	2.67	2.26	1.92	1.54	1.21	0.92	-
3.00	-	-	6.05	5.45	4.30	3.62	3.03	2.58	2.19	1.90	1.53	1.19	0.92	0.66
2.00	7.11a	7.97b	6.75b	5.25	4.15	3.43	2.94	2.52	2.18	1.88	1.48	1.15	0.88	0.64
1.00	8.62a	8.91r	6.68	5.17	4.12	3.44	2.88r	2.50	2.11	1.77	1.39	1.06	0.82	0.60
0.00	11.24	9.04	6.38	4.91	3.93	3.24	2.79	2.36	1.97	1.61	1.27	0.98	0.76	0.55
-1.00	11.28	8.79	6.14	4.65	3.74	3.05	2.63	2.18	1.83	1.46	1.14	0.89	0.69	-
-2.00	11.35	8.28	5.96	4.53	3.61	2.98	2.50	2.03	1.64	1.30	1.02	0.81	-	-
-3.00	11.73	8.68	5.88	4.47	3.61	2.89	2.31	1.84	1.49	1.20	0.97	-	-	-
-4.00	10.97	8.82	5.69	4.37	3.34	2.69	2.15	1.56	-	-	-	-	-	-



NOTES	<p>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 and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
PAGE	62 of 62