

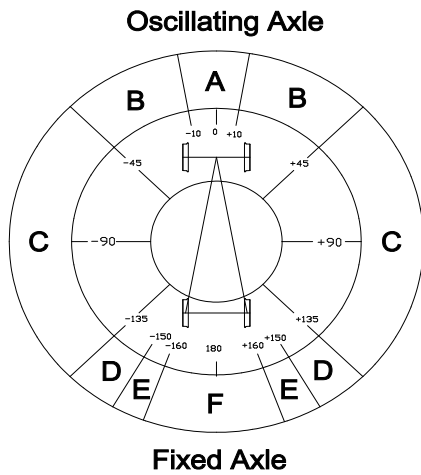
# ROADRAILER

by REXQUOTE

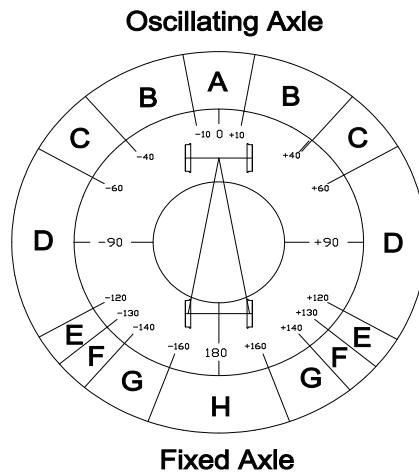
e-mail: sales@rexquote.co.uk

Web: www.rexquote.co.uk

TEL:01823 433398

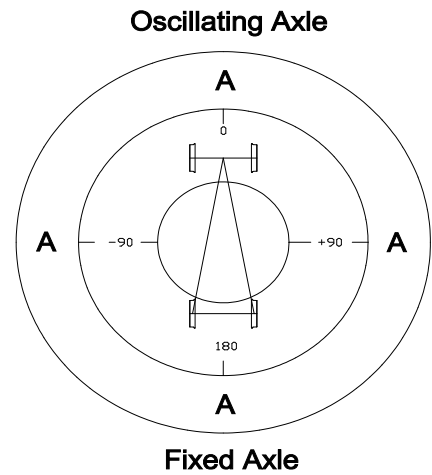


Road Duties



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

## TANDEM TOOL PIN LIFTING CHARTS

Machine Type:	Komatsu PW160		
Serial Number:	H55873		
Rail Axle Number:	2359		
Network Rail Number:	99709 910032-0		
Equipment:	Boom 2.0m	Artic 3.4m	Arm 2.5m
Date:	02nd September 2014		
Issue:	1		
Software Versions:	Safety Controller	V1.23.22.1	
	I/O Controller 1	V1.23.22.1	
	I/O Controller 2	V1.23.22.1	
	MMI	V1.23.22.1	
	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	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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


### 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	2.58	1.29a	1.30a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	2.96a	2.50	1.29a	1.29a	1.31a	-	-	-	-	-	-
3.00	-	-	4.38	3.07	2.41	1.31a	1.29a	1.29	-	-	-	-	-	-
2.00	-	6.88r	4.16	2.93	2.26	1.38a	1.34a	1.26	-	-	-	-	-	-
1.00	-	4.81a	3.92	2.78	2.21	1.47a	1.45a	1.26	-	-	-	-	-	-
0.00	7.56a	4.82a	3.89	2.77	2.16	1.64a	1.45	1.28	-	-	-	-	-	-
-1.00	8.24a	5.85a	3.82	2.74	2.12	1.73	1.43	1.34	-	-	-	-	-	-
-2.00	9.01a	6.34	3.86	2.74	2.12	1.72	1.44	1.45	-	-	-	-	-	-
-3.00	8.93r	6.46	3.90	2.78	2.13	1.74	1.66	-	-	-	-	-	-	-
-4.00	12.00	6.89	4.12	2.91	2.29	-	-	-	-	-	-	-	-	-



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

### 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	2.61	-	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.97a	2.63	2.02	-	-	-	-	-	-	-
5.00	-	-	2.60a	3.09a	3.12a	2.62	2.03a	1.59	-	-	-	-	-	-
4.00	-	-	5.08a	4.01	3.35	2.59	2.04	1.59	-	-	-	-	-	-
3.00	-	-	5.77	4.61	3.32	2.57	2.04	1.58	-	-	-	-	-	-
2.00	-	8.38	7.03	4.49	3.26	2.54	2.01	1.57	-	-	-	-	-	-
1.00	-	8.76	6.97	4.45	3.25	2.53	1.96	1.54	-	-	-	-	-	-
0.00	9.21a	10.26a	6.73	4.40	3.19	2.47	1.91	1.50	-	-	-	-	-	-
-1.00	12.00	12.00	6.56	4.24	3.10	2.41	1.85	1.47	-	-	-	-	-	-
-2.00	12.00	12.00	6.64	4.18	3.04	2.32	1.79	1.45	-	-	-	-	-	-
-3.00	12.00	9.40	6.62	4.19	2.97	2.24	1.76	-	-	-	-	-	-	-
-4.00	12.00	8.12	6.53	4.05	2.89	-	-	-	-	-	-	-	-	-



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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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

### 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	1.59	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.23	1.46a	1.20	-	-	-	-	-	-	-	-
6.00	-	-	-	2.20	1.62	1.22	0.94	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.12	1.60	1.20	0.93	0.85	-	-	-	-	-	-
4.00	-	-	2.56a	2.00	1.51	1.16	0.90	0.75	-	-	-	-	-	-
3.00	-	-	2.59	1.80	1.41	1.11	0.87	0.71	-	-	-	-	-	-
2.00	-	4.01	2.38	1.65	1.29	1.05	0.84	0.69	-	-	-	-	-	-
1.00	-	3.50	2.16	1.54	1.24	1.01	0.80	0.68	-	-	-	-	-	-
0.00	7.07	3.35	2.11	1.53	1.20	0.96	0.79	0.69	-	-	-	-	-	-
-1.00	6.90	3.30	2.08	1.51	1.16	0.94	0.78	0.72	-	-	-	-	-	-
-2.00	6.93	3.39	2.11	1.51	1.16	0.94	0.78	0.79	-	-	-	-	-	-
-3.00	8.93r	3.47	2.15	1.54	1.18	0.96	0.92	-	-	-	-	-	-	-
-4.00	9.09	3.83	2.33	1.64	1.30	-	-	-	-	-	-	-	-	-



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

### 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	-	-	-	2.56	2.18	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.26	2.18	1.64	-	-	-	-	-	-	-	-
6.00	-	-	-	2.33	2.20	1.64	1.24	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.65a	2.16	1.63	1.26	0.92	-	-	-	-	-	-
4.00	-	-	3.47	2.91	2.11	1.61	1.26	0.93	-	-	-	-	-	-
3.00	-	-	3.41	2.80	2.04	1.58	1.26	0.92	-	-	-	-	-	-
2.00	-	5.13	4.04	2.70	1.99	1.56	1.23	0.91	-	-	-	-	-	-
1.00	-	6.00	4.04	2.67	1.98	1.55	1.19	0.88	-	-	-	-	-	-
0.00	9.21a	7.13	3.80	2.61	1.93	1.49	1.13	0.84	-	-	-	-	-	-
-1.00	11.32a	7.23	3.66	2.48	1.84	1.44	1.07	0.81	-	-	-	-	-	-
-2.00	12.00	7.10	3.69	2.42	1.79	1.35	1.01	0.79	-	-	-	-	-	-
-3.00	12.00	5.00	3.68	2.43	1.72	1.28	0.98	-	-	-	-	-	-	-
-4.00	10.03	4.42	3.63	2.32	1.65	-	-	-	-	-	-	-	-	-



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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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

### 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	1.47	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.09	1.46a	1.09	-	-	-	-	-	-	-	-
6.00	-	-	-	2.07	1.50	1.12	0.85	-	-	-	-	-	-	-
5.00	-	-	2.60a	1.98	1.48	1.10	0.83	0.76	-	-	-	-	-	-
4.00	-	-	2.56a	1.85	1.39	1.05	0.81	0.67	-	-	-	-	-	-
3.00	-	-	2.43	1.66	1.29	1.00	0.77	0.62	-	-	-	-	-	-
2.00	-	3.84	2.20	1.50	1.17	0.94	0.75	0.60	-	-	-	-	-	-
1.00	-	3.29	1.98	1.38	1.11	0.90	0.71	0.59	-	-	-	-	-	-
0.00	7.02	3.14	1.92	1.38	1.07	0.85	0.70	0.60	-	-	-	-	-	-
-1.00	6.84	3.09	1.90	1.36	1.03	0.83	0.68	0.63	-	-	-	-	-	-
-2.00	6.86	3.17	1.93	1.35	1.03	0.83	0.69	0.69	-	-	-	-	-	-
-3.00	8.93r	3.26	1.97	1.39	1.05	0.85	0.81	-	-	-	-	-	-	-
-4.00	9.28	3.64	2.15	1.49	1.17	-	-	-	-	-	-	-	-	-



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

### 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	-	-	-	2.42	2.04	-	-	-	-	-	-	-	-	-
7.00	-	-	-	2.12	2.05	1.52	-	-	-	-	-	-	-	-
6.00	-	-	-	2.19	2.06	1.53	1.13	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.65a	2.02	1.52	1.15	0.83	-	-	-	-	-	-
4.00	-	-	3.30	2.76	1.97	1.49	1.16	0.83	-	-	-	-	-	-
3.00	-	-	3.24	2.64	1.91	1.47	1.16	0.83	-	-	-	-	-	-
2.00	-	4.97	3.87	2.54	1.86	1.44	1.13	0.81	-	-	-	-	-	-
1.00	-	5.91a	3.86	2.51	1.85	1.43	1.09	0.79	-	-	-	-	-	-
0.00	9.21a	7.09	3.61	2.45	1.79	1.37	1.02	0.74	-	-	-	-	-	-
-1.00	11.32a	7.20	3.47	2.31	1.70	1.31	0.96	0.71	-	-	-	-	-	-
-2.00	12.00	7.06	3.50	2.26	1.65	1.23	0.90	0.69	-	-	-	-	-	-
-3.00	12.00	4.84	3.49	2.27	1.58	1.16	0.87	-	-	-	-	-	-	-
-4.00	10.37	4.23	3.43	2.14	1.51	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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


### 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	<b>ROAD</b>	+/- 135° - +/- 150° Over Fixed End		<b>71%</b>

### 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	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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


### 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	<b>ROAD</b>	+/- 150° - +/- 160° Over Fixed End		<b>71%</b>

### 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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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


### 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	<b>ROAD</b>	+/- 160° - +/- 180° Over Fixed End		<b>71%</b>

### 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	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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


### 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	<b>ROAD</b>	+/- 10° Over Osc End		<b>71%</b>

### 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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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


### 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	2.25	1.35a	1.39	-	-	-	-	-	-	-
5.00	-	-	2.60a	2.65a	2.23	1.29a	1.30a	1.28	-	-	-	-	-	-
4.00	-	-	2.56a	2.82	2.15	1.29a	1.29a	1.15	-	-	-	-	-	-
3.00	-	-	3.68	2.61	2.06	1.31a	1.29a	1.09	-	-	-	-	-	-
2.00	-	5.72	3.47	2.46	1.92	1.38a	1.29	1.07	-	-	-	-	-	-
1.00	-	4.81a	3.24	2.33	1.87	1.47a	1.24	1.07	-	-	-	-	-	-
0.00	7.56a	4.82a	3.20	2.32	1.82	1.48	1.23	1.08	-	-	-	-	-	-
-1.00	8.24a	4.96	3.15	2.29	1.78	1.46	1.21	1.14	-	-	-	-	-	-
-2.00	9.01a	5.08	3.18	2.29	1.79	1.45	1.22	1.23	-	-	-	-	-	-
-3.00	8.93r	5.17	3.22	2.33	1.80	1.47	1.41	-	-	-	-	-	-	-
-4.00	12.00	5.55	3.42	2.44	1.94	-	-	-	-	-	-	-	-	-



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

### 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	2.27	1.76	-	-	-	-	-	-	-
5.00	-	-	2.60a	3.08a	2.92a	2.26	1.77	1.36	-	-	-	-	-	-
4.00	-	-	4.54a	3.71	2.91	2.24	1.77	1.37	-	-	-	-	-	-
3.00	-	-	4.78	3.89	2.84	2.21	1.77	1.36	-	-	-	-	-	-
2.00	-	7.26r	5.72	3.78	2.79	2.19	1.75	1.35	-	-	-	-	-	-
1.00	-	7.54	5.72	3.75	2.78	2.18	1.71	1.32	-	-	-	-	-	-
0.00	9.21a	9.29a	5.46	3.70	2.72	2.12	1.64	1.28	-	-	-	-	-	-
-1.00	12.00	10.93	5.31	3.55	2.63	2.06	1.58	1.25	-	-	-	-	-	-
-2.00	12.00	10.76	5.36	3.49	2.58	1.98	1.52	1.23	-	-	-	-	-	-
-3.00	12.00	7.32	5.35	3.50	2.51	1.90	1.49	-	-	-	-	-	-	-
-4.00	12.00	6.44	5.27	3.38	2.44	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

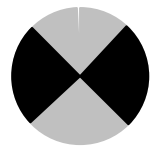
Duty	Config	Sector	Osc Axle	Safety
CL Road	<b>ROAD</b>	+/- 45° - +/- 135°		<b>71%</b>


## 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	2.56	1.45a	1.37a	1.34a	1.36a	1.39a	-	-
5.00	-	-	-	2.60a	2.71a	2.80a	2.51	2.16	1.33a	1.29a	1.31a	1.29	1.24	-
4.00	-	-	2.56a	2.70a	2.93a	2.77	2.39	2.08	1.81a	1.29a	1.29a	1.27	1.14	-
3.00	-	-	4.87	3.71	3.01	2.57	2.27	1.97	1.53a	1.29a	1.29a	1.24	1.11	1.08
2.00	6.88r	6.12	4.50	3.44	2.79	2.42	2.11	1.87	1.59a	1.34a	1.34	1.22	1.09	1.06
1.00	4.82a	4.85a	4.18	3.28	2.69	2.32	2.04	1.79	1.61	1.41a	1.29	1.18	1.07	1.05
0.00	5.27a	4.76a	4.06	3.25	2.71	2.28	2.00	1.75	1.57	1.40	1.27	1.16	1.07	1.07
-1.00	6.66a	5.36a	4.07	3.24	2.70	2.28	1.99	1.74	1.55	1.40	1.27	1.16	1.11	-
-2.00	7.42a	5.52	4.12	3.27	2.70	2.29	2.00	1.75	1.57	1.39	1.27	1.22	-	-
-3.00	8.86	5.82	4.34	3.38	2.79	2.31	2.02	1.77	1.57	1.42	1.37	-	-	-
-4.00	8.53	5.85	4.29	3.44	2.87	2.42	2.08	1.86	-	-	-	-	-	-



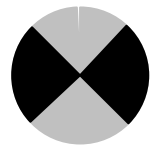
Duty	Config	Sector	Osc Axle	Safety
CL Road	<b>ROAD</b>	+/- 45° - +/- 135°		<b>71%</b>

## 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	2.60	2.23	1.91	-	-	-	-
6.00	-	-	-	-	-	2.93a	2.95a	2.59	2.25	1.94	1.68	1.44	-	-
5.00	-	-	-	2.83a	3.02a	3.11 a	2.98	2.58	2.24	1.96	1.70	1.47	1.28	-
4.00	-	-	5.08a	5.00	4.05	3.38	2.92	2.53	2.22	1.96	1.70	1.48	1.29	-
3.00	-	-	6.16b	5.01	4.01	3.38	2.89	2.50	2.20	1.96	1.69	1.47	1.28	1.11
2.00	8.22r	8.73	6.43	4.95	3.98	3.32	2.83	2.46	2.18	1.94	1.68	1.45	1.27	1.10
1.00	9.51	8.88	6.28	4.83	3.94	3.25	2.83	2.45	2.17	1.89	1.63	1.42	1.24	1.08
0.00	10.62a	8.74	6.19	4.72	3.76	3.27	2.77	2.38	2.08	1.84	1.57	1.37	1.21	1.07
-1.00	11.18	8.55	5.94	4.53	3.69	3.08	2.66	2.31	2.02	1.74	1.52	1.33	1.17	-
-2.00	11.18	8.60	5.91	4.54	3.67	3.05	2.60	2.22	1.91	1.66	1.45	1.29	-	-
-3.00	11.32	8.51	5.77	4.56	3.64	2.99	2.51	2.13	1.85	1.61	1.44	-	-	-
-4.00	9.24	8.54	5.94	4.50	3.53	2.91	2.44	2.10	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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


### 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	2.78	1.29a	1.30a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	2.96a	2.71	1.29a	1.29a	1.31a	-	-	-	-	-	-
3.00	-	-	4.60	3.31	2.62	1.31a	1.29a	1.29a	-	-	-	-	-	-
2.00	-	6.88r	4.40	3.17	2.47	1.38a	1.34a	1.32a	-	-	-	-	-	-
1.00	-	4.81a	4.17	3.02	2.43	1.47a	1.45a	1.37a	-	-	-	-	-	-
0.00	7.56a	4.82a	4.15	3.02	2.38	1.64a	1.52a	1.44	-	-	-	-	-	-
-1.00	8.24a	5.85a	4.08	2.99	2.34	1.88a	1.61	1.51	-	-	-	-	-	-
-2.00	9.01a	6.47	4.12	2.99	2.34	1.92	1.62	1.62	-	-	-	-	-	-
-3.00	8.93r	6.58	4.15	3.02	2.36	1.94	1.86	-	-	-	-	-	-	-
-4.00	12.00	6.97	4.36	3.15	2.51	-	-	-	-	-	-	-	-	-



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

### 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	2.80	-	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	3.00a	2.83	2.21	-	-	-	-	-	-	-
5.00	-	-	2.60a	3.09a	3.16a	2.82	2.22	1.76	-	-	-	-	-	-
4.00	-	-	5.08a	4.08a	3.50a	2.79	2.23	1.77	-	-	-	-	-	-
3.00	-	-	5.93	4.79b	3.53	2.77	2.22	1.76	-	-	-	-	-	-
2.00	-	8.31	7.10	4.70	3.48	2.75	2.20	1.74	-	-	-	-	-	-
1.00	-	8.67a	7.04	4.66	3.47	2.74	2.16	1.71	-	-	-	-	-	-
0.00	9.21a	10.21	6.83	4.56	3.41	2.68	2.10	1.68	-	-	-	-	-	-
-1.00	12.00	12.00	6.68	4.47	3.33	2.62	2.05	1.64	-	-	-	-	-	-
-2.00	12.00	12.00	6.74	4.42	3.27	2.53	1.98	1.62	-	-	-	-	-	-
-3.00	12.00	9.17	6.73	4.42	3.20	2.46	1.96	-	-	-	-	-	-	-
-4.00	12.00	8.07	6.64	4.29	3.13	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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


### 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	2.55	1.53a	1.29a	1.29a	1.29a	1.29a	1.29a
2.00	6.88r	6.18b	5.17b	4.27b	3.65b	3.21	2.77	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	2.35	1.73a	1.41a	1.45a	1.44a	1.37a	1.37
0.00	5.27a	4.76a	4.76a	4.03r	3.64r	3.05	2.65	2.31	1.68a	1.60a	1.60a	1.52	1.39	1.39
-1.00	6.66a	5.36a	4.99a	4.46	3.65	3.06	2.46a	2.18a	1.89a	1.84	1.66	1.51	1.45	-
-2.00	7.42a	7.57a	5.82	4.49	3.66	3.07	2.61a	2.31	2.06	1.83	1.66	1.59	-	-
-3.00	12.00	8.62	6.09	4.64	3.78	3.09	2.68	2.33	2.07	1.85	1.79	-	-	-
-4.00	12.00	8.61	6.02	4.69	3.86	3.21	2.74	2.43	-	-	-	-	-	-



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

### 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	2.73	2.26a	-	-	-	-
6.00	-	-	-	-	-	2.93a	3.00a	3.01a	2.79	2.41	2.12	1.64a	-	-
5.00	-	-	-	2.83a	3.02a	3.19a	3.27a	3.22	2.82	2.46	2.15	1.86	1.63	-
4.00	-	-	5.08a	5.58a	5.04	4.26	3.69	3.21	2.80	2.47	2.14	1.87	1.64	-
3.00	-	-	6.93	6.57	5.15	4.32	3.65	3.15	2.75	2.46	2.14	1.86	1.63	1.44
2.00	8.22r	9.27b	8.87	6.55	5.20	4.29b	3.61	3.12	2.76	2.43	2.11	1.84	1.62	1.43
1.00	10.32r	10.60a	8.95	6.51	5.13	4.15	3.57	3.13	2.73	2.38	2.08	1.80	1.60	1.41
0.00	12.00	12.00	8.74	6.47	5.04	4.16	3.55	3.03	2.66	2.32	2.01	1.76	1.57	1.39
-1.00	12.00	12.00	8.66	6.28	4.96	4.07	3.46	2.98	2.59	2.21	1.94	1.72	1.53	-
-2.00	12.00	12.00	8.59	6.29	4.94	4.03	3.40	2.89	2.48	2.16	1.88	1.68	-	-
-3.00	12.00	12.00	8.32	6.31	4.90	3.97	3.30	2.79	2.41	2.10	1.87	-	-	-
-4.00	12.00	12.00	8.62	6.25	4.78	3.87	3.22	2.76	-	-	-	-	-	-



<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

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

### 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	<b>ROAD</b>	+/- 160° - +/- 180° Over Fixed End		<b>71%</b>

### 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	-	-	-	-	-	-



<b>NOTES</b>	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).
<b>PAGE</b>	13 of 63

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

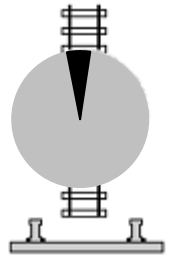
Duty	Config	Sector	Osc Axle	Safety
AU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 10° Over Osc End		<b>67%</b>



### 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	2.46	1.32a	1.34a	1.33a	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.42	1.29a	1.29a	1.33a	-	-	-	-	-	-
3.00	-	-	4.06	2.94	2.33	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.19	3.87	2.74	2.24	1.41a	1.33a	1.27	-	-	-	-	-	-
1.00	6.31a	4.88a	3.67	2.71	2.12	1.45a	1.39a	1.25	-	-	-	-	-	-
0.00	7.80a	4.75a	3.61	2.66	2.10	1.62a	1.44	1.27	-	-	-	-	-	-
-1.00	8.02a	5.74	3.63	2.65	2.08	1.70	1.43	1.36	-	-	-	-	-	-
-2.00	8.54a	5.74	3.64	2.67	2.09	1.70	1.45	-	-	-	-	-	-	-
-3.00	8.53r	5.88	3.70	2.68	2.10	1.72	1.70	-	-	-	-	-	-	-
-4.00	9.51r	6.25	3.94	2.83	2.33	-	-	-	-	-	-	-	-	-



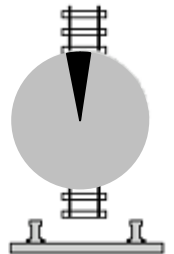
Duty	Config	Sector	Osc Axle	Safety
AU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 10° Over Osc End		<b>67%</b>

### 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	2.51	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.95a	2.53	1.98	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.16	2.52	2.00	1.56	-	-	-	-	-	-
4.00	-	-	5.08a	4.29	3.20	2.50	2.00	1.57	-	-	-	-	-	-
3.00	-	-	5.51	4.25	3.14	2.47	1.98	1.56	-	-	-	-	-	-
2.00	-	7.32r	6.42	4.20	3.10	2.46	1.97	1.54	-	-	-	-	-	-
1.00	6.31a	8.17a	6.32	4.22	3.11	2.44	1.92	1.51	-	-	-	-	-	-
0.00	9.57a	10.31	6.09	4.06	3.03	2.37	1.86a	1.49	-	-	-	-	-	-
-1.00	12.00	12.00	6.06	3.98	2.96	2.33	1.81	1.45	-	-	-	-	-	-
-2.00	12.00	12.00	5.99	3.96	2.92	2.23	1.76	-	-	-	-	-	-	-
-3.00	12.00	8.25	6.03	3.94	2.84	2.17	1.73	-	-	-	-	-	-	-
-4.00	12.00	7.92	4.66	3.87	2.79	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

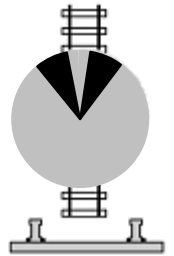
Duty	Config	Sector	Osc Axle	Safety
BU Level-50	<b>RAIL</b>	+/- 10° - +/- 40° Over Osc End		67%
	 0mm - 50mm			

### 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	-	-	-	1.75	1.28	1.24	-	-	-	-	-	-	-	-
7.00	-	-	-	1.78	1.27	0.97	0.91	-	-	-	-	-	-	-
6.00	-	-	-	1.79	1.32	0.97	0.82	-	-	-	-	-	-	-
5.00	-	-	2.35	1.70	1.25	0.95	0.73	0.65	-	-	-	-	-	-
4.00	-	-	2.25	1.63	1.21	0.94	0.70	0.60	-	-	-	-	-	-
3.00	-	-	1.97	1.41	1.13	0.86	0.70	0.56	-	-	-	-	-	-
2.00	-	2.92	1.79	1.23	1.04	0.82	0.65	0.53	-	-	-	-	-	-
1.00	5.23	2.64	1.63	1.20	0.94	0.78	0.63	0.52	-	-	-	-	-	-
0.00	4.95	2.50	1.56	1.16	0.91	0.73	0.60	0.52	-	-	-	-	-	-
-1.00	4.85	2.52	1.59	1.15	0.89	0.72	0.59	0.56	-	-	-	-	-	-
-2.00	4.88	2.51	1.59	1.16	0.90	0.72	0.61	-	-	-	-	-	-	-
-3.00	5.08	2.61	1.65	1.17	0.90	0.74	0.74	-	-	-	-	-	-	-
-4.00	5.49	2.88	1.81	1.30	1.05	-	-	-	-	-	-	-	-	-



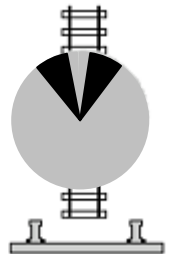
Duty	Config	Sector	Osc Axle	Safety
BU Level-50	<b>RAIL</b>	+/- 10° - +/- 40° Over Osc End		67%
	 0mm - 50mm			

### 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	-	-	-	2.29a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.00	1.76	1.26	-	-	-	-	-	-	-	-
7.00	-	-	-	1.83	1.78	1.32	0.96	-	-	-	-	-	-	-
6.00	-	-	-	1.79	1.75	1.32	1.00	-	-	-	-	-	-	-
5.00	-	-	2.35	2.30	1.73	1.31	1.01	0.73	-	-	-	-	-	-
4.00	-	-	2.73	2.29	1.67	1.29	1.02	0.73	-	-	-	-	-	-
3.00	-	-	2.75	2.17	1.62	1.27	1.00	0.73	-	-	-	-	-	-
2.00	-	4.06	3.13	2.12	1.58	1.26	0.98	0.70	-	-	-	-	-	-
1.00	5.23	5.05	3.10	2.13	1.58	1.24	0.95	0.68	-	-	-	-	-	-
0.00	5.12	5.00	2.88	2.00	1.51	1.17	0.88	0.65	-	-	-	-	-	-
-1.00	8.37	5.07	2.83	1.92	1.45	1.13	0.83	0.62	-	-	-	-	-	-
-2.00	8.52	5.10	2.79	1.89	1.41	1.05	0.78	-	-	-	-	-	-	-
-3.00	8.71	3.75	2.81	1.88	1.34	0.99	0.75	-	-	-	-	-	-	-
-4.00	8.20	3.62	2.21	1.81	1.29	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
<b>PAGE</b>	15 of 63

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

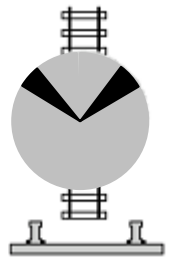
Duty	Config	Sector	Osc Axle	Safety
CU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 40° - +/- 60° Over Osc End		<b>67%</b>



### 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	-	-	-	1.85	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.57	1.12	1.08	-	-	-	-	-	-	-	-
7.00	-	-	-	1.60	1.12	0.84	0.78	-	-	-	-	-	-	-
6.00	-	-	-	1.61	1.16	0.83	0.70	-	-	-	-	-	-	-
5.00	-	-	2.14	1.52	1.10	0.82	0.61	0.54	-	-	-	-	-	-
4.00	-	-	2.03	1.44	1.06	0.80	0.58	0.49	-	-	-	-	-	-
3.00	-	-	1.75	1.22	0.97	0.72	0.58	0.45	-	-	-	-	-	-
2.00	-	2.64	1.56	1.04	0.88	0.68	0.53	0.42	-	-	-	-	-	-
1.00	4.89	2.33	1.39	1.01	0.78	0.64	0.50	0.41	-	-	-	-	-	-
0.00	4.59	2.19	1.32	0.97	0.75	0.60	0.48	0.41	-	-	-	-	-	-
-1.00	4.49	2.21	1.35	0.95	0.73	0.58	0.47	0.45	-	-	-	-	-	-
-2.00	4.52	2.20	1.35	0.96	0.73	0.58	0.49	-	-	-	-	-	-	-
-3.00	4.72	2.30	1.41	0.98	0.74	0.61	0.60	-	-	-	-	-	-	-
-4.00	5.16	2.58	1.58	1.11	0.88	-	-	-	-	-	-	-	-	-



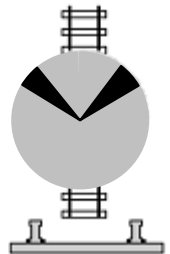
Duty	Config	Sector	Osc Axle	Safety
CU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 40° - +/- 60° Over Osc End		<b>67%</b>

### 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	-	-	-	2.14	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.81	1.58	1.11	-	-	-	-	-	-	-	-
7.00	-	-	-	1.65	1.60	1.17	0.83	-	-	-	-	-	-	-
6.00	-	-	-	1.61	1.57	1.17	0.87	-	-	-	-	-	-	-
5.00	-	-	2.14	2.08	1.55	1.16	0.88	0.61	-	-	-	-	-	-
4.00	-	-	2.49	2.07	1.49	1.14	0.88	0.61	-	-	-	-	-	-
3.00	-	-	2.49	1.95	1.44	1.11	0.87	0.61	-	-	-	-	-	-
2.00	-	3.75	2.85	1.90	1.40	1.10	0.84	0.59	-	-	-	-	-	-
1.00	4.89	4.71	2.82	1.90	1.40	1.08	0.81	0.56	-	-	-	-	-	-
0.00	4.78	4.65	2.59	1.78	1.33	1.02	0.74	0.53	-	-	-	-	-	-
-1.00	8.24	4.73	2.54	1.70	1.26	0.98	0.69	0.50	-	-	-	-	-	-
-2.00	8.41	4.76	2.50	1.66	1.23	0.89	0.64	-	-	-	-	-	-	-
-3.00	8.64r	3.43	2.52	1.66	1.15	0.83	0.62	-	-	-	-	-	-	-
-4.00	8.06	3.30	1.95	1.58	1.10	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

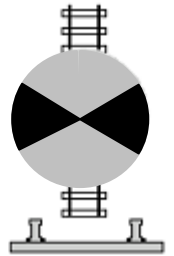
Duty	Config	Sector	Osc Axle	Safety
DU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 60° - +/- 120°		<b>67%</b>



### 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	-	-	-	1.75	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.48	1.06	1.02	-	-	-	-	-	-	-	-
7.00	-	-	-	1.52	1.05	0.78	0.73	-	-	-	-	-	-	-
6.00	-	-	-	1.53	1.10	0.78	0.65	-	-	-	-	-	-	-
5.00	-	-	2.03	1.44	1.03	0.76	0.56	0.49	-	-	-	-	-	-
4.00	-	-	1.92	1.36	0.99	0.75	0.54	0.44	-	-	-	-	-	-
3.00	-	-	1.64	1.14	0.90	0.67	0.53	0.41	-	-	-	-	-	-
2.00	-	2.48	1.45	0.96	0.81	0.63	0.48	0.38	-	-	-	-	-	-
1.00	4.60	2.18	1.28	0.93	0.71	0.59	0.46	0.37	-	-	-	-	-	-
0.00	4.30	2.03	1.21	0.88	0.68	0.54	0.44	0.37	-	-	-	-	-	-
-1.00	4.20	2.05	1.24	0.87	0.67	0.53	0.43	0.40	-	-	-	-	-	-
-2.00	4.24	2.04	1.24	0.88	0.67	0.53	0.44	-	-	-	-	-	-	-
-3.00	4.42	2.14	1.30	0.90	0.68	0.55	0.55	-	-	-	-	-	-	-
-4.00	4.87	2.42	1.46	1.03	0.81	-	-	-	-	-	-	-	-	-



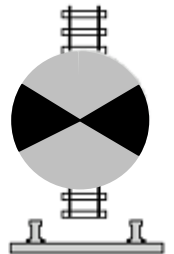
Duty	Config	Sector	Osc Axle	Safety
DU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 60° - +/- 120°		<b>67%</b>

### 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	-	-	-	2.04	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.72	1.50	1.05	-	-	-	-	-	-	-	-
7.00	-	-	-	1.56	1.52	1.11	0.77	-	-	-	-	-	-	-
6.00	-	-	-	1.53	1.49	1.11	0.81	-	-	-	-	-	-	-
5.00	-	-	2.03	1.98	1.47	1.10	0.82	0.57	-	-	-	-	-	-
4.00	-	-	2.36	1.96	1.41	1.07	0.83	0.57	-	-	-	-	-	-
3.00	-	-	2.35	1.84	1.36	1.05	0.81	0.56	-	-	-	-	-	-
2.00	-	3.55	2.70	1.79	1.32	1.04	0.79	0.54	-	-	-	-	-	-
1.00	4.60	4.43	2.67	1.80	1.32	1.02	0.76	0.51	-	-	-	-	-	-
0.00	4.49	4.38	2.44	1.67	1.25	0.95	0.69	0.48	-	-	-	-	-	-
-1.00	7.77	4.45	2.38	1.59	1.18	0.91	0.64	0.45	-	-	-	-	-	-
-2.00	7.93	4.48	2.35	1.55	1.14	0.82	0.59	-	-	-	-	-	-	-
-3.00	8.22	3.23	2.37	1.55	1.07	0.76	0.56	-	-	-	-	-	-	-
-4.00	7.62	3.11	1.83	1.47	1.02	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
<b>PAGE</b>	17 of 63

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

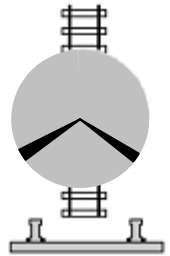
Duty	Config	Sector	Osc Axle	Safety
EU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 120° - +/- 130° Over Fixed End		<b>67%</b>

### 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	-	-	-	1.85	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.57	1.12	1.08	-	-	-	-	-	-	-	-
7.00	-	-	-	1.60	1.12	0.84	0.78	-	-	-	-	-	-	-
6.00	-	-	-	1.61	1.16	0.83	0.70	-	-	-	-	-	-	-
5.00	-	-	2.14	1.52	1.10	0.82	0.61	0.54	-	-	-	-	-	-
4.00	-	-	2.03	1.44	1.06	0.80	0.58	0.49	-	-	-	-	-	-
3.00	-	-	1.75	1.22	0.97	0.72	0.58	0.45	-	-	-	-	-	-
2.00	-	2.64	1.56	1.04	0.88	0.68	0.53	0.42	-	-	-	-	-	-
1.00	4.89	2.33	1.39	1.01	0.78	0.64	0.50	0.41	-	-	-	-	-	-
0.00	4.59	2.19	1.32	0.97	0.75	0.60	0.48	0.41	-	-	-	-	-	-
-1.00	4.49	2.21	1.35	0.95	0.73	0.58	0.47	0.45	-	-	-	-	-	-
-2.00	4.52	2.20	1.35	0.96	0.73	0.58	0.49	-	-	-	-	-	-	-
-3.00	4.72	2.30	1.41	0.98	0.74	0.61	0.60	-	-	-	-	-	-	-
-4.00	5.16	2.58	1.58	1.11	0.88	-	-	-	-	-	-	-	-	-



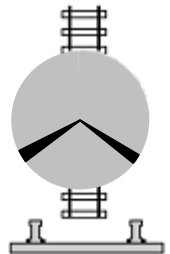
Duty	Config	Sector	Osc Axle	Safety
EU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 120° - +/- 130° Over Fixed End		<b>67%</b>

### 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	-	-	-	2.14	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.81	1.58	1.11	-	-	-	-	-	-	-	-
7.00	-	-	-	1.65	1.60	1.17	0.83	-	-	-	-	-	-	-
6.00	-	-	-	1.61	1.57	1.17	0.87	-	-	-	-	-	-	-
5.00	-	-	2.14	2.08	1.55	1.16	0.88	0.61	-	-	-	-	-	-
4.00	-	-	2.49	2.07	1.49	1.14	0.88	0.61	-	-	-	-	-	-
3.00	-	-	2.49	1.95	1.44	1.11	0.87	0.61	-	-	-	-	-	-
2.00	-	3.75	2.85	1.90	1.40	1.10	0.84	0.59	-	-	-	-	-	-
1.00	4.89	4.71	2.82	1.90	1.40	1.08	0.81	0.56	-	-	-	-	-	-
0.00	4.78	4.65	2.59	1.78	1.33	1.02	0.74	0.53	-	-	-	-	-	-
-1.00	8.24	4.73	2.54	1.70	1.26	0.98	0.69	0.50	-	-	-	-	-	-
-2.00	8.41	4.76	2.50	1.66	1.23	0.89	0.64	-	-	-	-	-	-	-
-3.00	8.64r	3.43	2.52	1.66	1.15	0.83	0.62	-	-	-	-	-	-	-
-4.00	8.06	3.30	1.95	1.58	1.10	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

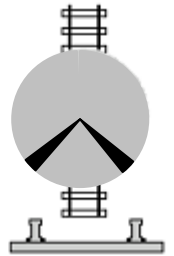
Duty	Config	Sector	Osc Axle	Safety
FU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		<b>67%</b>

### 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	-	-	-	1.75	1.28	1.24	-	-	-	-	-	-	-	-
7.00	-	-	-	1.78	1.27	0.97	0.91	-	-	-	-	-	-	-
6.00	-	-	-	1.79	1.32	0.97	0.82	-	-	-	-	-	-	-
5.00	-	-	2.35	1.70	1.25	0.95	0.73	0.65	-	-	-	-	-	-
4.00	-	-	2.25	1.63	1.21	0.94	0.70	0.60	-	-	-	-	-	-
3.00	-	-	1.97	1.41	1.13	0.86	0.70	0.56	-	-	-	-	-	-
2.00	-	2.92	1.79	1.23	1.04	0.82	0.65	0.53	-	-	-	-	-	-
1.00	5.23	2.64	1.63	1.20	0.94	0.78	0.63	0.52	-	-	-	-	-	-
0.00	4.95	2.50	1.56	1.16	0.91	0.73	0.60	0.52	-	-	-	-	-	-
-1.00	4.85	2.52	1.59	1.15	0.89	0.72	0.59	0.56	-	-	-	-	-	-
-2.00	4.88	2.51	1.59	1.16	0.90	0.72	0.61	-	-	-	-	-	-	-
-3.00	5.08	2.61	1.65	1.17	0.90	0.74	0.74	-	-	-	-	-	-	-
-4.00	5.49	2.88	1.81	1.30	1.05	-	-	-	-	-	-	-	-	-



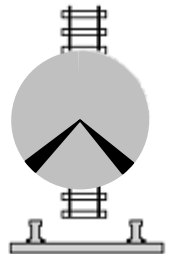
Duty	Config	Sector	Osc Axle	Safety
FU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		<b>67%</b>

### 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	-	-	-	2.29a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.00	1.76	1.26	-	-	-	-	-	-	-	-
7.00	-	-	-	1.83	1.78	1.32	0.96	-	-	-	-	-	-	-
6.00	-	-	-	1.79	1.75	1.32	1.00	-	-	-	-	-	-	-
5.00	-	-	2.35	2.30	1.73	1.31	1.01	0.73	-	-	-	-	-	-
4.00	-	-	2.73	2.29	1.67	1.29	1.02	0.73	-	-	-	-	-	-
3.00	-	-	2.75	2.17	1.62	1.27	1.00	0.73	-	-	-	-	-	-
2.00	-	4.06	3.13	2.12	1.58	1.26	0.98	0.70	-	-	-	-	-	-
1.00	5.23	5.05	3.10	2.13	1.58	1.24	0.95	0.68	-	-	-	-	-	-
0.00	5.12	5.00	2.88	2.00	1.51	1.17	0.88	0.65	-	-	-	-	-	-
-1.00	8.37	5.07	2.83	1.92	1.45	1.13	0.83	0.62	-	-	-	-	-	-
-2.00	8.52	5.10	2.79	1.89	1.41	1.05	0.78	-	-	-	-	-	-	-
-3.00	8.71	3.75	2.81	1.88	1.34	0.99	0.75	-	-	-	-	-	-	-
-4.00	8.20	3.62	2.21	1.81	1.29	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

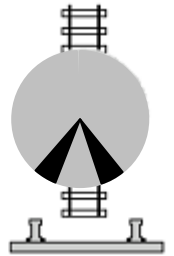
Duty	Config	Sector	Osc Axle	Safety
GU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 140° - +/- 160° Over Fixed End		<b>67%</b>



### 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	1.61	1.57	-	-	-	-	-	-	-	-
7.00	-	-	-	2.19	1.56a	1.26	1.19	-	-	-	-	-	-	-
6.00	-	-	-	2.20	1.65	1.25	1.08	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.11	1.59	1.24	0.97	0.88	-	-	-	-	-	-
4.00	-	-	2.56a	2.04	1.55	1.22	0.95	0.83	-	-	-	-	-	-
3.00	-	-	2.52	1.83	1.46	1.14	0.94	0.78	-	-	-	-	-	-
2.00	-	3.70	2.34	1.65	1.38	1.10	0.90	0.75	-	-	-	-	-	-
1.00	6.31a	3.42	2.17	1.62	1.27	1.06	0.87	0.74	-	-	-	-	-	-
0.00	6.32	3.27	2.11	1.58	1.25	1.02	0.85	0.74	-	-	-	-	-	-
-1.00	6.22	3.31	2.13	1.56	1.23	1.01	0.84	0.79	-	-	-	-	-	-
-2.00	6.25	3.29	2.13	1.58	1.24	1.01	0.85	-	-	-	-	-	-	-
-3.00	6.48	3.40	2.19	1.59	1.24	1.03	1.02	-	-	-	-	-	-	-
-4.00	6.89	3.68	2.37	1.72	1.41	-	-	-	-	-	-	-	-	-



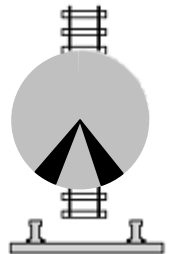
Duty	Config	Sector	Osc Axle	Safety
GU Level-50	<b>RAIL</b>  0mm - 50mm	+/- 140° - +/- 160° Over Fixed End		<b>67%</b>

### 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	-	-	-	2.46	2.17	1.60	-	-	-	-	-	-	-	-
7.00	-	-	-	2.25	2.19	1.66	1.24	-	-	-	-	-	-	-
6.00	-	-	-	2.21	2.16	1.66	1.28	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.72a	2.14	1.65	1.29	0.98	-	-	-	-	-	-
4.00	-	-	3.36	2.83	2.08	1.63	1.30	0.98	-	-	-	-	-	-
3.00	-	-	3.42	2.70	2.03	1.60	1.28	0.97	-	-	-	-	-	-
2.00	-	5.05	3.91	2.66	2.00	1.59	1.26	0.95	-	-	-	-	-	-
1.00	6.31a	6.32a	3.88	2.66	2.00	1.57	1.23	0.92	-	-	-	-	-	-
0.00	6.50	6.33	3.65	2.53	1.92	1.51	1.16	0.90	-	-	-	-	-	-
-1.00	10.55	6.43	3.60	2.46	1.86	1.47	1.11	0.86	-	-	-	-	-	-
-2.00	10.71	6.45	3.56	2.43	1.82	1.38	1.06	-	-	-	-	-	-	-
-3.00	10.82	4.73	3.58	2.42	1.75	1.32	1.04	-	-	-	-	-	-	-
-4.00	10.11	4.57	2.83	2.35	1.70	-	-	-	-	-	-	-	-	-



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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

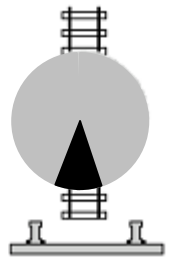
Duty	Config	Sector	Osc Axle	Safety
HU Level-50	<b>RAIL</b>	+/- 160° - +/- 180° Over Fixed End		<b>67%</b>
	 0mm - 50mm			

## 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	-	-	-	-	-	-



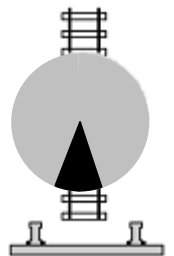
Duty	Config	Sector	Osc Axle	Safety
HU Level-50	<b>RAIL</b>	+/- 160° - +/- 180° Over Fixed End		<b>67%</b>
	 0mm - 50mm			

## 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	4.14	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	4.09	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	4.55	4.09	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	-	-	-	-	-	-



<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

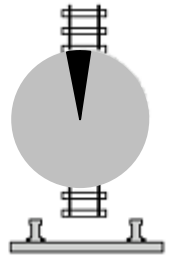
Duty	Config	Sector	Osc Axle	Safety
AL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 10° Over Osc End		<b>90%</b>

## 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	-	-	-	-	-	-



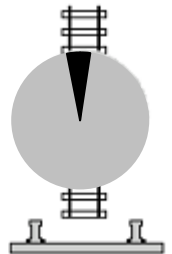
Duty	Config	Sector	Osc Axle	Safety
AL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 10° Over Osc End		<b>90%</b>

## 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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

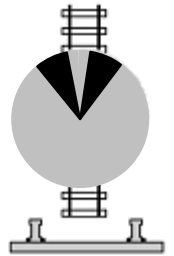
Duty	Config	Sector	Osc Axle	Safety
BL Level-50	<b>RAIL</b>	+/- 10° - +/- 40° Over Osc End		<b>90%</b>
	 0mm - 50mm			

### 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	2.34	1.32a	1.34a	1.24	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.28	1.29a	1.29a	1.16	-	-	-	-	-	-
3.00	-	-	4.02	2.78	2.15	1.32a	1.30a	1.09	-	-	-	-	-	-
2.00	-	6.54	3.73	2.49	2.02	1.41a	1.26	1.04	-	-	-	-	-	-
1.00	6.31a	4.88a	3.45	2.45	1.86	1.45a	1.23	1.03	-	-	-	-	-	-
0.00	7.80a	4.75a	3.34	2.38	1.82	1.46	1.20	1.03	-	-	-	-	-	-
-1.00	8.02a	5.84	3.38	2.36	1.80	1.44	1.18	1.12	-	-	-	-	-	-
-2.00	8.54a	5.81	3.39	2.38	1.81	1.44	1.20	-	-	-	-	-	-	-
-3.00	8.53r	6.05	3.48	2.41	1.82	1.47	1.45	-	-	-	-	-	-	-
-4.00	9.51r	6.57	3.79	2.61	2.09	-	-	-	-	-	-	-	-	-



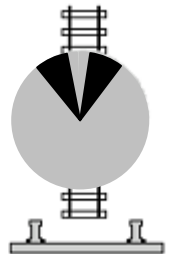
Duty	Config	Sector	Osc Axle	Safety
BL Level-50	<b>RAIL</b>	+/- 10° - +/- 40° Over Osc End		<b>90%</b>
	 0mm - 50mm			

### 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	2.43	1.79	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.95a	2.45	1.85	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.14	2.43	1.86	1.38	-	-	-	-	-	-
4.00	-	-	5.08a	4.38	3.17	2.40	1.86	1.38	-	-	-	-	-	-
3.00	-	-	5.80	4.32	3.08	2.36	1.85	1.38	-	-	-	-	-	-
2.00	-	7.32r	6.91	4.25	3.03	2.34	1.82	1.34	-	-	-	-	-	-
1.00	6.31a	8.82a	6.76	4.26	3.03	2.32	1.75	1.30	-	-	-	-	-	-
0.00	9.57a	10.81a	6.42	4.04	2.92	2.22	1.67	1.26	-	-	-	-	-	-
-1.00	12.00	12.00	6.35	3.91	2.82	2.16	1.60	1.21	-	-	-	-	-	-
-2.00	12.00	12.00	6.26	3.88	2.76	2.03	1.52	-	-	-	-	-	-	-
-3.00	12.00	9.27	6.31	3.86	2.65	1.94	1.48	-	-	-	-	-	-	-
-4.00	12.00	8.82	4.67	3.74	2.57	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

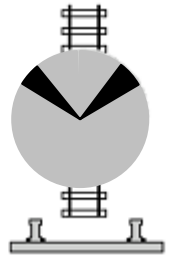
Duty	Config	Sector	Osc Axle	Safety
CL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 40° - +/- 60° Over Osc End		<b>90%</b>

### 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	2.29	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.19	1.32a	1.27	1.15	-	-	-	-	-	-
4.00	-	-	2.56a	2.92	2.13	1.29a	1.24	1.07	-	-	-	-	-	-
3.00	-	-	3.76	2.59	2.01	1.32a	1.23	1.00	-	-	-	-	-	-
2.00	-	6.14	3.47	2.30	1.88	1.41a	1.16	0.95	-	-	-	-	-	-
1.00	6.31a	4.88a	3.19	2.26	1.72	1.40	1.12	0.93	-	-	-	-	-	-
0.00	7.80a	4.75a	3.09	2.19	1.68	1.34	1.09	0.94	-	-	-	-	-	-
-1.00	8.02a	5.43	3.12	2.17	1.66	1.32	1.08	1.02	-	-	-	-	-	-
-2.00	8.54a	5.40	3.13	2.19	1.66	1.32	1.10	-	-	-	-	-	-	-
-3.00	8.53r	5.63	3.23	2.22	1.67	1.35	1.33	-	-	-	-	-	-	-
-4.00	9.51r	6.15	3.53	2.42	1.93	-	-	-	-	-	-	-	-	-



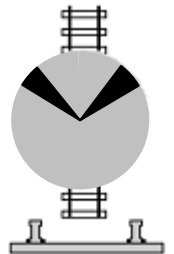
Duty	Config	Sector	Osc Axle	Safety
CL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 40° - +/- 60° Over Osc End		<b>90%</b>

### 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	2.30	1.67	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.92a	2.30	1.73	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.03	3.02	2.29	1.74	1.28	-	-	-	-	-	-
4.00	-	-	5.08a	4.13	2.98	2.25	1.74	1.28	-	-	-	-	-	-
3.00	-	-	5.46	4.07	2.90	2.21	1.73	1.27	-	-	-	-	-	-
2.00	-	7.32r	6.51	3.99	2.85	2.20	1.70	1.24	-	-	-	-	-	-
1.00	6.31a	8.45	6.36	4.01	2.85	2.17	1.63	1.20	-	-	-	-	-	-
0.00	9.57a	10.56	6.02	3.79	2.73	2.08	1.55	1.16	-	-	-	-	-	-
-1.00	12.00	12.00	5.95	3.66	2.63	2.01	1.48	1.11	-	-	-	-	-	-
-2.00	12.00	12.00	5.86	3.62	2.58	1.88	1.40	-	-	-	-	-	-	-
-3.00	12.00	8.70	5.91	3.60	2.46	1.79	1.36	-	-	-	-	-	-	-
-4.00	12.00	8.27	4.36	3.49	2.39	-	-	-	-	-	-	-	-	-





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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

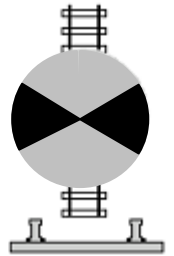
Duty	Config	Sector	Osc Axle	Safety
DL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 60° - +/- 120°		<b>90%</b>



### 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	-	-	-	2.90	1.56a	1.44a	1.38	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.06	1.33a	1.23	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	1.96	1.32a	1.08	0.96	-	-	-	-	-	-
4.00	-	-	2.56a	2.65	1.89	1.29a	1.04	0.88	-	-	-	-	-	-
3.00	-	-	3.46	2.30	1.76	1.30	1.03	0.82	-	-	-	-	-	-
2.00	-	5.95	3.14	2.00	1.62	1.24	0.96	0.77	-	-	-	-	-	-
1.00	6.31a	4.88a	2.84	1.96	1.46	1.18	0.93	0.76	-	-	-	-	-	-
0.00	7.80a	4.75a	2.73	1.88	1.41	1.11	0.90	0.76	-	-	-	-	-	-
-1.00	8.02a	5.15	2.77	1.86	1.39	1.09	0.88	0.83	-	-	-	-	-	-
-2.00	8.54a	5.11	2.78	1.88	1.40	1.09	0.90	-	-	-	-	-	-	-
-3.00	8.53r	5.36	2.88	1.91	1.41	1.12	1.11	-	-	-	-	-	-	-
-4.00	9.51r	5.95	3.20	2.12	1.66	-	-	-	-	-	-	-	-	-



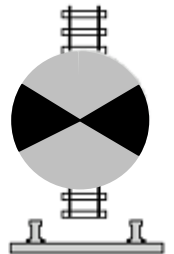
Duty	Config	Sector	Osc Axle	Safety
DL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 60° - +/- 120°		<b>90%</b>

### 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	2.87	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.90	2.07	1.46	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.84	2.07	1.52	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.02a	2.82	2.05	1.53	1.09	-	-	-	-	-	-
4.00	-	-	5.01	3.86	2.72	2.02	1.54	1.09	-	-	-	-	-	-
3.00	-	-	5.23	3.79	2.64	1.98	1.52	1.08	-	-	-	-	-	-
2.00	-	7.32r	6.37	3.71	2.58	1.96	1.48	1.05	-	-	-	-	-	-
1.00	6.31a	8.61	6.20	3.72	2.58	1.93	1.44	1.00	-	-	-	-	-	-
0.00	9.57a	10.81a	5.82	3.49	2.46	1.83	1.33	0.96	-	-	-	-	-	-
-1.00	12.00	12.00	5.74	3.35	2.35	1.77	1.26	0.91	-	-	-	-	-	-
-2.00	12.00	12.00	5.64	3.30	2.30	1.63	1.18	-	-	-	-	-	-	-
-3.00	12.00	8.92	5.69	3.29	2.17	1.54	1.14	-	-	-	-	-	-	-
-4.00	12.00	8.40	4.05	3.16	2.09	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

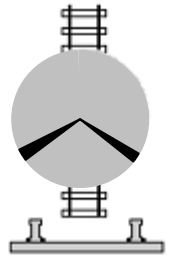
Duty	Config	Sector	Osc Axle	Safety
EL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 120° - +/- 130° Over Fixed End		<b>90%</b>



## 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	2.34	1.32a	1.34a	1.24	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.28	1.29a	1.29a	1.16	-	-	-	-	-	-
3.00	-	-	4.02	2.78	2.15	1.32a	1.30a	1.09	-	-	-	-	-	-
2.00	-	6.54	3.73	2.49	2.02	1.41a	1.26	1.04	-	-	-	-	-	-
1.00	6.31a	4.88a	3.45	2.45	1.86	1.45a	1.23	1.03	-	-	-	-	-	-
0.00	7.80a	4.75a	3.34	2.38	1.82	1.46	1.20	1.03	-	-	-	-	-	-
-1.00	8.02a	5.84	3.38	2.36	1.80	1.44	1.18	1.12	-	-	-	-	-	-
-2.00	8.54a	5.81	3.39	2.38	1.81	1.44	1.20	-	-	-	-	-	-	-
-3.00	8.53r	6.05	3.48	2.41	1.82	1.47	1.45	-	-	-	-	-	-	-
-4.00	9.51r	6.57	3.79	2.61	2.09	-	-	-	-	-	-	-	-	-



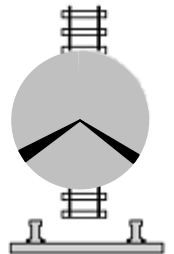
Duty	Config	Sector	Osc Axle	Safety
EL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 120° - +/- 130° Over Fixed End		<b>90%</b>

## 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	2.43	1.79	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.95a	2.45	1.85	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.14	2.43	1.86	1.38	-	-	-	-	-	-
4.00	-	-	5.08a	4.38	3.17	2.40	1.86	1.38	-	-	-	-	-	-
3.00	-	-	5.80	4.32	3.08	2.36	1.85	1.38	-	-	-	-	-	-
2.00	-	7.32r	6.91	4.25	3.03	2.34	1.82	1.34	-	-	-	-	-	-
1.00	6.31a	8.82a	6.76	4.26	3.03	2.32	1.75	1.30	-	-	-	-	-	-
0.00	9.57a	10.81a	6.42	4.04	2.92	2.22	1.67	1.26	-	-	-	-	-	-
-1.00	12.00	12.00	6.35	3.91	2.82	2.16	1.60	1.21	-	-	-	-	-	-
-2.00	12.00	12.00	6.26	3.88	2.76	2.03	1.52	-	-	-	-	-	-	-
-3.00	12.00	9.27	6.31	3.86	2.65	1.94	1.48	-	-	-	-	-	-	-
-4.00	12.00	8.82	4.67	3.74	2.57	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

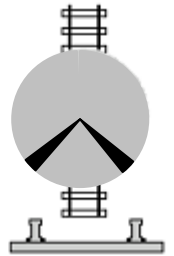
Duty	Config	Sector	Osc Axle	Safety
FL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		<b>90%</b>



### 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	2.77	2.38	1.31a	1.32a	1.30a	1.32a	1.32	-
4.00	-	-	2.56a	2.70a	2.94a	3.10a	2.65	2.28	1.84a	1.29a	1.28a	1.29a	1.20	-
3.00	-	-	5.08a	4.15	3.41	2.90	2.56	2.17	1.66a	1.29a	1.30a	1.30a	1.17	1.13
2.00	6.74r	6.24b	5.07	3.85	3.04	2.65	2.31	2.09	1.62a	1.33a	1.33a	1.27	1.14	1.09
1.00	4.88a	4.90a	4.62r	3.60	3.00	2.51	2.19	1.91	1.59a	1.41a	1.36	1.25	1.11	1.09
0.00	5.28a	4.75a	4.59	3.52	2.92	2.44	2.15	1.88	1.68	1.50	1.34	1.21	1.11	1.10
-1.00	6.46a	5.13a	4.53	3.53	2.88	2.45	2.12	1.85	1.65	1.48	1.33	1.21	1.17	-
-2.00	8.10a	6.22	4.55	3.56	2.91	2.46	2.11	1.84	1.64	1.47	1.33	1.25	-	-
-3.00	9.66	6.37	4.71	3.60	2.93	2.49	2.12	1.88	1.67	1.50	1.47	-	-	-
-4.00	10.32	6.81	4.91	3.81	3.15	2.63	2.30	2.04	-	-	-	-	-	-



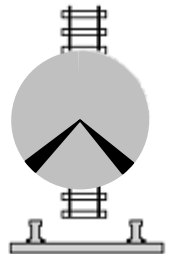
Duty	Config	Sector	Osc Axle	Safety
FL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 130° - +/- 140° Over Fixed End		<b>90%</b>

### 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	2.84	2.47	2.08	-	-	-	-
6.00	-	-	-	-	-	2.92a	3.00a	2.90	2.50	2.13	1.82	1.54	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.21a	2.90	2.50	2.17	1.86	1.58	1.35	-
4.00	-	-	5.08a	5.10	4.46	3.74b	3.30	2.84	2.48	2.17	1.85	1.60	1.37	-
3.00	-	-	6.46	5.77b	4.56	3.83	3.24	2.78	2.43	2.16	1.84	1.59	1.37	1.16
2.00	7.11a	8.74	7.23	5.50	4.48	3.69	3.17	2.75	2.41	2.12	1.81	1.56	1.35	1.16
1.00	8.62a	9.39a	7.27	5.52b	4.45b	3.64	3.12	2.73	2.38	2.07a	1.77	1.51	1.31	1.12
0.00	12.00	10.40	7.15	5.41	4.33	3.52	3.07	2.64	2.30	1.98	1.69	1.46	1.27	1.10
-1.00	12.00	10.32	6.99	5.25	4.19	3.42	2.97	2.53	2.21	1.89	1.62	1.40	1.23	-
-2.00	12.00	9.67	6.84	5.15	4.10	3.39	2.88	2.44	2.09	1.79	1.54	1.35	-	-
-3.00	12.00	10.17	6.76	5.11	4.11	3.33	2.77	2.32	2.00	1.73	1.51	-	-	-
-4.00	12.00	10.30	6.63	5.05	3.92	3.19	2.65	2.08	-	-	-	-	-	-



<b>NOTES</b>	<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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

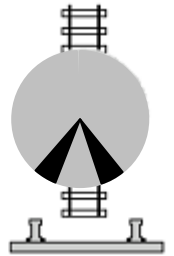
Duty	Config	Sector	Osc Axle	Safety
GL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 140° - +/- 160° Over Fixed End		<b>75%</b>

## 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	2.58	1.68a	1.58a	1.54a	1.50a	1.48a	1.44a
-1.00	6.46a	5.13a	4.85a	4.91	3.99	3.38	2.50a	2.04a	1.91a	1.80a	1.75a	1.60a	1.55a	-
-2.00	8.10a	7.43a	6.40	4.94	4.02	3.17a	2.65a	2.32a	2.12a	2.00a	1.84a	1.72	-	-
-3.00	11.57b	8.75b	6.56	4.97	3.94a	3.36a	2.91	2.57	2.29	2.05	2.00	-	-	-
-4.00	11.79b	9.51	6.73	5.18	4.23	3.53	3.08	2.75	-	-	-	-	-	-



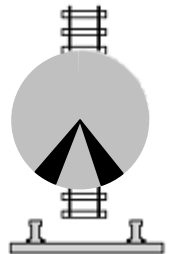
Duty	Config	Sector	Osc Axle	Safety
GL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 140° - +/- 160° Over Fixed End		<b>75%</b>

## 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	2.64	2.31	1.66a	-	-
5.00	-	-	-	2.73a	3.02a	3.18a	3.27a	3.27a	3.06a	2.69	2.34	2.05	1.75a	-
4.00	-	-	5.08a	5.67a	5.05a	4.39	3.93	3.47	3.06	2.69	2.35	2.06	1.80	-
3.00	-	-	6.70b	6.73b	5.73	4.71	3.98b	3.42	3.01	2.68	2.33	2.05	1.80	1.58
2.00	7.11a	9.32b	9.18a	7.01	5.59	4.63	3.91	3.40	2.98b	2.65	2.32	2.02	1.78	1.58
1.00	8.62a	11.31	9.51	7.02	5.52	4.61b	3.90	3.39	2.96	2.62	2.26	1.99	1.75	1.55
0.00	12.00	12.00	9.57r	7.03	5.58	4.46	3.89	3.32	2.93	2.52	2.19	1.94	1.71	1.44a
-1.00	12.00	12.00	9.48	6.95	5.46	4.46	3.82r	3.25	2.82	2.44	2.14	1.90	1.69	-
-2.00	12.00	12.00	9.48	6.92	5.41	4.42	3.75	3.19	2.73	2.38	2.08	1.86	-	-
-3.00	12.00	12.00	9.36	6.87	5.43	4.37	3.64	3.08	2.66	2.33	2.06	-	-	-
-4.00	12.00	12.00	9.25	6.81	5.26	4.26	3.54	2.79	-	-	-	-	-	-



<b>NOTES</b>	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).
<b>PAGE</b>	28 of 63

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

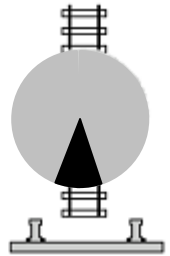
Duty	Config	Sector	Osc Axle	Safety
HL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 160° - +/- 180° Over Fixed End		<b>90%</b>



## 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	-	-	-	-	-	-



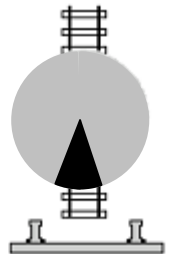
Duty	Config	Sector	Osc Axle	Safety
HL Level-50	<b>RAIL</b>  0mm - 50mm	+/- 160° - +/- 180° Over Fixed End		<b>90%</b>

## 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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

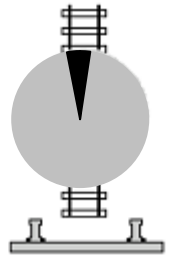
Duty	Config	Sector	Osc Axle	Safety
AU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 10° Over Osc End		<b>67%</b>



## 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	-	-	-	2.79	1.56a	1.44a	1.52a	-	-	-	-	-	-	-
6.00	-	-	-	2.80	2.15	1.33a	1.34a	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	2.09	1.32a	1.34a	1.24	-	-	-	-	-	-
4.00	-	-	2.56a	2.64	2.05	1.29a	1.29a	1.17	-	-	-	-	-	-
3.00	-	-	3.28	2.44	1.97	1.32a	1.30a	1.12	-	-	-	-	-	-
2.00	-	4.73	3.11	2.26	1.88	1.41a	1.27	1.08	-	-	-	-	-	-
1.00	6.31a	4.47	2.94	2.23	1.78	1.45a	1.24	1.07	-	-	-	-	-	-
0.00	7.80a	4.32	2.88	2.19	1.75	1.45	1.22	1.08	-	-	-	-	-	-
-1.00	7.80	4.36	2.90	2.17	1.74	1.43	1.21	1.15	-	-	-	-	-	-
-2.00	7.83	4.34	2.91	2.19	1.74	1.44	1.23	-	-	-	-	-	-	-
-3.00	8.08	4.47	2.96	2.21	1.75	1.46	1.44	-	-	-	-	-	-	-
-4.00	8.46	4.74	3.15	2.34	1.95	-	-	-	-	-	-	-	-	-



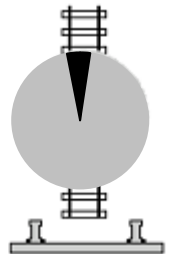
Duty	Config	Sector	Osc Axle	Safety
AU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 10° Over Osc End		<b>67%</b>

## 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	2.77	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.86	2.79	2.15	1.67	-	-	-	-	-	-	-
6.00	-	-	-	2.81	2.75	2.15	1.71	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.02a	2.74	2.15	1.72	1.35	-	-	-	-	-	-
4.00	-	-	4.20	3.51a	2.68	2.12	1.71	1.35	-	-	-	-	-	-
3.00	-	-	4.34	3.45	2.63	2.10	1.71	1.34	-	-	-	-	-	-
2.00	-	6.29	4.93	3.41	2.59	2.09	1.69	1.32	-	-	-	-	-	-
1.00	6.31a	6.83a	4.89	3.42	2.59	2.07	1.64	1.29	-	-	-	-	-	-
0.00	8.07	7.87	4.67	3.29	2.52	2.01	1.59	1.27	-	-	-	-	-	-
-1.00	12.00	7.98	4.63	3.22	2.46	1.97	1.54	1.23	-	-	-	-	-	-
-2.00	12.00	7.99	4.58	3.19	2.43	1.88	1.49	-	-	-	-	-	-	-
-3.00	12.00	5.98	4.61	3.18	2.35	1.82	1.46	-	-	-	-	-	-	-
-4.00	11.88r	5.79	3.69	3.12	2.31	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

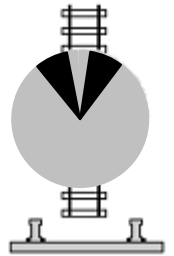
Duty	Config	Sector	Osc Axle	Safety
BU 50-100	<b>RAIL</b>	+/- 10° - +/- 40° Over Osc End		<b>67%</b>
	 50mm - 100mm			

## 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	-	-	-	1.83	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.55	1.11	1.07	-	-	-	-	-	-	-	-
7.00	-	-	-	1.59	1.11	0.83	0.77	-	-	-	-	-	-	-
6.00	-	-	-	1.59	1.15	0.82	0.69	-	-	-	-	-	-	-
5.00	-	-	2.12	1.50	1.08	0.81	0.60	0.53	-	-	-	-	-	-
4.00	-	-	2.01	1.43	1.04	0.79	0.57	0.48	-	-	-	-	-	-
3.00	-	-	1.72	1.21	0.96	0.71	0.57	0.44	-	-	-	-	-	-
2.00	-	2.61	1.54	1.02	0.87	0.67	0.52	0.41	-	-	-	-	-	-
1.00	4.83	2.30	1.37	0.99	0.76	0.63	0.50	0.40	-	-	-	-	-	-
0.00	4.53	2.16	1.30	0.95	0.74	0.59	0.48	0.40	-	-	-	-	-	-
-1.00	4.43	2.18	1.33	0.94	0.72	0.57	0.46	0.44	-	-	-	-	-	-
-2.00	4.47	2.17	1.33	0.95	0.72	0.57	0.48	-	-	-	-	-	-	-
-3.00	4.66	2.27	1.39	0.96	0.73	0.60	0.59	-	-	-	-	-	-	-
-4.00	5.11	2.55	1.55	1.10	0.86	-	-	-	-	-	-	-	-	-



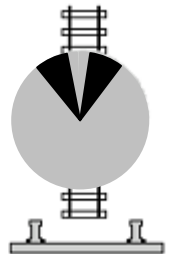
Duty	Config	Sector	Osc Axle	Safety
BU 50-100	<b>RAIL</b>	+/- 10° - +/- 40° Over Osc End		<b>67%</b>
	 50mm - 100mm			

## 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	-	-	-	2.12	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.80	1.57	1.10	-	-	-	-	-	-	-	-
7.00	-	-	-	1.63	1.58	1.16	0.82	-	-	-	-	-	-	-
6.00	-	-	-	1.60	1.55	1.16	0.85	-	-	-	-	-	-	-
5.00	-	-	2.12	2.06	1.53	1.15	0.87	0.61	-	-	-	-	-	-
4.00	-	-	2.46	2.05	1.47	1.13	0.87	0.61	-	-	-	-	-	-
3.00	-	-	2.46	1.93	1.42	1.10	0.86	0.60	-	-	-	-	-	-
2.00	-	3.71	2.82	1.88	1.39	1.09	0.83	0.58	-	-	-	-	-	-
1.00	4.83	4.66	2.80	1.88	1.39	1.07	0.80	0.55	-	-	-	-	-	-
0.00	4.72	4.60	2.56	1.75	1.31	1.01	0.73	0.52	-	-	-	-	-	-
-1.00	8.15	4.68	2.51	1.67	1.24	0.96	0.68	0.49	-	-	-	-	-	-
-2.00	8.32	4.71	2.47	1.64	1.21	0.88	0.63	-	-	-	-	-	-	-
-3.00	8.61	3.39	2.49	1.63	1.13	0.82	0.61	-	-	-	-	-	-	-
-4.00	7.97	3.26	1.93	1.56	1.09	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

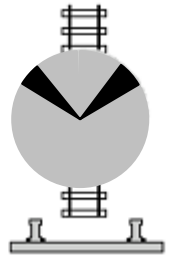
Duty	Config	Sector	Osc Axle	Safety
CU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 40° - +/- 60° Over Osc End		<b>67%</b>



### 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	-	-	-	1.72	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.45	1.02	0.98	-	-	-	-	-	-	-	-
7.00	-	-	-	1.48	1.02	0.74	0.69	-	-	-	-	-	-	-
6.00	-	-	-	1.49	1.06	0.74	0.61	-	-	-	-	-	-	-
5.00	-	-	2.00	1.40	0.99	0.73	0.52	0.46	-	-	-	-	-	-
4.00	-	-	1.88	1.32	0.95	0.71	0.50	0.41	-	-	-	-	-	-
3.00	-	-	1.59	1.10	0.86	0.63	0.49	0.38	-	-	-	-	-	-
2.00	-	2.45	1.40	0.91	0.77	0.59	0.45	0.35	-	-	-	-	-	-
1.00	4.74	2.14	1.23	0.88	0.67	0.55	0.42	0.33	-	-	-	-	-	-
0.00	4.42	1.98	1.15	0.83	0.64	0.50	0.40	0.33	-	-	-	-	-	-
-1.00	4.31	2.00	1.18	0.82	0.62	0.49	0.39	0.36	-	-	-	-	-	-
-2.00	4.35	1.99	1.18	0.83	0.62	0.49	0.40	-	-	-	-	-	-	-
-3.00	4.55	2.09	1.24	0.85	0.63	0.51	0.51	-	-	-	-	-	-	-
-4.00	5.04	2.39	1.41	0.98	0.76	-	-	-	-	-	-	-	-	-



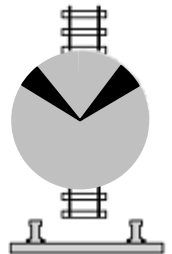
Duty	Config	Sector	Osc Axle	Safety
CU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 40° - +/- 60° Over Osc End		<b>67%</b>

### 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	-	-	-	2.01	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.69	1.47	1.01	-	-	-	-	-	-	-	-
7.00	-	-	-	1.53	1.48	1.07	0.74	-	-	-	-	-	-	-
6.00	-	-	-	1.50	1.45	1.07	0.77	-	-	-	-	-	-	-
5.00	-	-	2.00	1.95	1.43	1.06	0.79	0.53	-	-	-	-	-	-
4.00	-	-	2.34	1.93	1.37	1.04	0.79	0.53	-	-	-	-	-	-
3.00	-	-	2.33	1.81	1.32	1.01	0.78	0.53	-	-	-	-	-	-
2.00	-	3.58	2.68	1.76	1.28	1.00	0.75	0.50	-	-	-	-	-	-
1.00	4.74	4.56	2.65	1.76	1.28	0.98	0.72	0.47	-	-	-	-	-	-
0.00	4.62	4.50	2.41	1.63	1.20	0.91	0.65	0.45	-	-	-	-	-	-
-1.00	8.54	4.58	2.35	1.54	1.13	0.87	0.60	0.41	-	-	-	-	-	-
-2.00	8.73	4.61	2.31	1.51	1.10	0.78	0.55	-	-	-	-	-	-	-
-3.00	8.99	3.24	2.34	1.50	1.02	0.72	0.52	-	-	-	-	-	-	-
-4.00	8.30	3.11	1.78	1.42	0.97	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

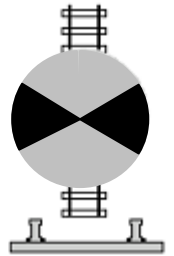
Duty	Config	Sector	Osc Axle	Safety
DU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 60° - +/- 120°		<b>67%</b>



### 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	-	-	-	1.72	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.45	1.02	0.98	-	-	-	-	-	-	-	-
7.00	-	-	-	1.48	1.02	0.74	0.69	-	-	-	-	-	-	-
6.00	-	-	-	1.49	1.06	0.74	0.61	-	-	-	-	-	-	-
5.00	-	-	2.00	1.40	0.99	0.73	0.52	0.46	-	-	-	-	-	-
4.00	-	-	1.88	1.32	0.95	0.71	0.50	0.41	-	-	-	-	-	-
3.00	-	-	1.59	1.10	0.86	0.63	0.49	0.38	-	-	-	-	-	-
2.00	-	2.45	1.40	0.91	0.77	0.59	0.45	0.35	-	-	-	-	-	-
1.00	4.74	2.14	1.23	0.88	0.67	0.55	0.42	0.33	-	-	-	-	-	-
0.00	4.42	1.98	1.15	0.83	0.64	0.50	0.40	0.33	-	-	-	-	-	-
-1.00	4.31	2.00	1.18	0.82	0.62	0.49	0.39	0.36	-	-	-	-	-	-
-2.00	4.35	1.99	1.18	0.83	0.62	0.49	0.40	-	-	-	-	-	-	-
-3.00	4.55	2.09	1.24	0.85	0.63	0.51	0.51	-	-	-	-	-	-	-
-4.00	5.04	2.39	1.41	0.98	0.76	-	-	-	-	-	-	-	-	-



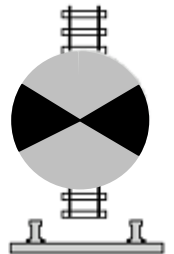
Duty	Config	Sector	Osc Axle	Safety
DU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 60° - +/- 120°		<b>67%</b>

### 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	-	-	-	2.01	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.69	1.47	1.01	-	-	-	-	-	-	-	-
7.00	-	-	-	1.53	1.48	1.07	0.74	-	-	-	-	-	-	-
6.00	-	-	-	1.50	1.45	1.07	0.77	-	-	-	-	-	-	-
5.00	-	-	2.00	1.95	1.43	1.06	0.79	0.53	-	-	-	-	-	-
4.00	-	-	2.34	1.93	1.37	1.04	0.79	0.53	-	-	-	-	-	-
3.00	-	-	2.33	1.81	1.32	1.01	0.78	0.53	-	-	-	-	-	-
2.00	-	3.58	2.68	1.76	1.28	1.00	0.75	0.50	-	-	-	-	-	-
1.00	4.74	4.56	2.65	1.76	1.28	0.98	0.72	0.47	-	-	-	-	-	-
0.00	4.63	4.50	2.41	1.63	1.20	0.91	0.65	0.45	-	-	-	-	-	-
-1.00	8.54	4.58	2.35	1.54	1.13	0.87	0.60	0.41	-	-	-	-	-	-
-2.00	8.73	4.61	2.31	1.51	1.10	0.78	0.55	-	-	-	-	-	-	-
-3.00	8.99	3.24	2.34	1.50	1.02	0.72	0.52	-	-	-	-	-	-	-
-4.00	8.30	3.11	1.78	1.42	0.97	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

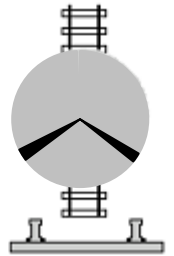
Duty	Config	Sector	Osc Axle	Safety
EU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 120° - +/- 130° Over Fixed End		<b>67%</b>



### 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	-	-	-	1.83	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.55	1.11	1.07	-	-	-	-	-	-	-	-
7.00	-	-	-	1.59	1.11	0.83	0.77	-	-	-	-	-	-	-
6.00	-	-	-	1.59	1.15	0.82	0.69	-	-	-	-	-	-	-
5.00	-	-	2.12	1.50	1.08	0.81	0.60	0.53	-	-	-	-	-	-
4.00	-	-	2.01	1.43	1.04	0.79	0.57	0.48	-	-	-	-	-	-
3.00	-	-	1.72	1.21	0.96	0.71	0.57	0.44	-	-	-	-	-	-
2.00	-	2.61	1.54	1.02	0.87	0.67	0.52	0.41	-	-	-	-	-	-
1.00	4.83	2.30	1.37	0.99	0.76	0.63	0.50	0.40	-	-	-	-	-	-
0.00	4.53	2.16	1.30	0.95	0.74	0.59	0.48	0.40	-	-	-	-	-	-
-1.00	4.43	2.18	1.33	0.94	0.72	0.57	0.46	0.44	-	-	-	-	-	-
-2.00	4.47	2.17	1.33	0.95	0.72	0.57	0.48	-	-	-	-	-	-	-
-3.00	4.66	2.27	1.39	0.96	0.73	0.60	0.59	-	-	-	-	-	-	-
-4.00	5.11	2.55	1.55	1.10	0.86	-	-	-	-	-	-	-	-	-



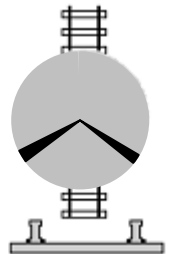
Duty	Config	Sector	Osc Axle	Safety
EU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 120° - +/- 130° Over Fixed End		<b>67%</b>

### 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	-	-	-	2.12	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.80	1.57	1.10	-	-	-	-	-	-	-	-
7.00	-	-	-	1.63	1.58	1.16	0.82	-	-	-	-	-	-	-
6.00	-	-	-	1.60	1.55	1.16	0.85	-	-	-	-	-	-	-
5.00	-	-	2.12	2.06	1.53	1.15	0.87	0.61	-	-	-	-	-	-
4.00	-	-	2.46	2.05	1.47	1.13	0.87	0.61	-	-	-	-	-	-
3.00	-	-	2.46	1.93	1.42	1.10	0.86	0.60	-	-	-	-	-	-
2.00	-	3.71	2.82	1.88	1.39	1.09	0.83	0.58	-	-	-	-	-	-
1.00	4.83	4.66	2.80	1.88	1.39	1.07	0.80	0.55	-	-	-	-	-	-
0.00	4.72	4.60	2.56	1.75	1.31	1.01	0.73	0.52	-	-	-	-	-	-
-1.00	8.15	4.68	2.51	1.67	1.24	0.96	0.68	0.49	-	-	-	-	-	-
-2.00	8.32	4.71	2.47	1.64	1.21	0.88	0.63	-	-	-	-	-	-	-
-3.00	8.61	3.39	2.49	1.63	1.13	0.82	0.61	-	-	-	-	-	-	-
-4.00	7.97	3.26	1.93	1.56	1.09	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	<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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

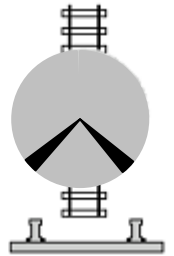
Duty	Config	Sector	Osc Axle	Safety
FU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 130° - +/- 140° Over Fixed End		<b>67%</b>



## 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	-	-	-	1.74	1.25	1.21	-	-	-	-	-	-	-	-
7.00	-	-	-	1.77	1.25	0.94	0.88	-	-	-	-	-	-	-
6.00	-	-	-	1.78	1.29	0.93	0.79	-	-	-	-	-	-	-
5.00	-	-	2.37	1.68	1.22	0.92	0.69	0.61	-	-	-	-	-	-
4.00	-	-	2.26	1.61	1.18	0.90	0.67	0.56	-	-	-	-	-	-
3.00	-	-	1.97	1.38	1.09	0.82	0.66	0.52	-	-	-	-	-	-
2.00	-	3.01	1.78	1.19	1.00	0.78	0.61	0.49	-	-	-	-	-	-
1.00	5.82	2.70	1.60	1.16	0.89	0.74	0.59	0.48	-	-	-	-	-	-
0.00	5.48	2.54	1.53	1.12	0.87	0.69	0.57	0.48	-	-	-	-	-	-
-1.00	5.36	2.57	1.56	1.10	0.85	0.68	0.55	0.52	-	-	-	-	-	-
-2.00	5.40	2.55	1.56	1.12	0.85	0.68	0.57	-	-	-	-	-	-	-
-3.00	5.65	2.66	1.62	1.13	0.86	0.70	0.70	-	-	-	-	-	-	-
-4.00	6.13	2.97	1.80	1.27	1.01	-	-	-	-	-	-	-	-	-



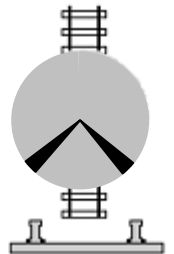
Duty	Config	Sector	Osc Axle	Safety
FU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 130° - +/- 140° Over Fixed End		<b>67%</b>

## 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	-	-	-	2.29a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.00	1.75	1.24	-	-	-	-	-	-	-	-
7.00	-	-	-	1.82	1.77	1.30	0.93	-	-	-	-	-	-	-
6.00	-	-	-	1.78	1.73	1.30	0.97	-	-	-	-	-	-	-
5.00	-	-	2.37	2.31	1.71	1.29	0.98	0.70	-	-	-	-	-	-
4.00	-	-	2.78	2.30	1.65	1.26	0.98	0.70	-	-	-	-	-	-
3.00	-	-	2.81	2.18	1.60	1.24	0.97	0.69	-	-	-	-	-	-
2.00	-	4.31	3.24	2.13	1.56	1.23	0.94	0.67	-	-	-	-	-	-
1.00	5.82	5.59	3.21	2.13	1.56	1.21	0.91	0.64	-	-	-	-	-	-
0.00	5.69	5.52	2.96	2.00	1.49	1.14	0.84	0.61	-	-	-	-	-	-
-1.00	10.43	5.62	2.90	1.92	1.42	1.10	0.79	0.58	-	-	-	-	-	-
-2.00	10.64	5.65	2.86	1.88	1.38	1.01	0.74	-	-	-	-	-	-	-
-3.00	10.78	3.96	2.89	1.88	1.30	0.95	0.71	-	-	-	-	-	-	-
-4.00	9.87	3.81	2.22	1.80	1.26	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

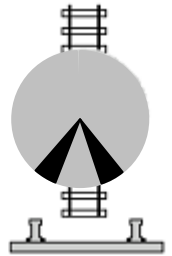
Duty	Config	Sector	Osc Axle	Safety
GU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 140° - +/- 160° Over Fixed End		<b>67%</b>

### 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	1.43	1.39	-	-	-	-	-	-	-
7.00	-	-	-	-	1.95	1.43	1.11	1.05	-	-	-	-	-	-
6.00	-	-	-	-	1.96	1.47	1.11	0.96	-	-	-	-	-	-
5.00	-	-	-	2.54	1.87	1.41	1.09	0.85	0.77	-	-	-	-	-
4.00	-	-	-	2.44	1.80	1.37	1.08	0.83	0.72	-	-	-	-	-
3.00	-	-	-	2.18	1.60	1.29	1.00	0.83	0.68	-	-	-	-	-
2.00	-	-	3.13	2.01	1.42	1.20	0.97	0.78	0.65	-	-	-	-	-
1.00	-	5.27	2.87	1.85	1.40	1.10	0.93	0.76	0.64	-	-	-	-	-
0.00	-	5.03	2.74	1.79	1.35	1.08	0.88	0.74	0.64	-	-	-	-	-
-1.00	4.79r	4.94	2.77	1.81	1.34	1.06	0.87	0.73	0.69	-	-	-	-	-
-2.00	4.53r	4.97	2.75	1.82	1.35	1.07	0.87	0.74	-	-	-	-	-	-
-3.00	4.18r	5.14	2.85	1.87	1.37	1.07	0.89	0.88	-	-	-	-	-	-
-4.00	-	5.49	3.10	2.03	1.49	1.23	-	-	-	-	-	-	-	-



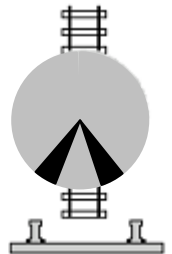
Duty	Config	Sector	Osc Axle	Safety
GU 50-100	<b>RAIL</b>  50mm - 100mm	+/- 140° - +/- 160° Over Fixed End		<b>67%</b>

### 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	-	-	-	-	2.43	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	2.18	1.93	1.42	-	-	-	-	-	-	-
7.00	-	-	-	-	2.00	1.94	1.48	1.10	-	-	-	-	-	-
6.00	-	-	-	-	1.96	1.91	1.48	1.14	-	-	-	-	-	-
5.00	-	-	-	2.54	2.48	1.90	1.47	1.15	0.86	-	-	-	-	-
4.00	-	-	-	2.92	2.47	1.84	1.45	1.15	0.86	-	-	-	-	-
3.00	-	-	-	2.94	2.36	1.79	1.42	1.14	0.86	-	-	-	-	-
2.00	-	-	4.21	3.32	2.32	1.76	1.41	1.12	0.83	-	-	-	-	-
1.00	-	5.27	5.12	3.30	2.32	1.76	1.39	1.09	0.81	-	-	-	-	-
0.00	-	8.89a	5.12	3.09	2.20	1.69	1.33	1.02	0.78	-	-	-	-	-
-1.00	6.93r	10.58	5.14	3.04	2.13	1.63	1.29	0.98	0.75	-	-	-	-	-
-2.00	10.67r	11.69r	5.16	3.01	2.10	1.59	1.21	0.93	-	-	-	-	-	-
-3.00	9.78r	8.13	5.19	3.03	2.09	1.52	1.15	0.90	-	-	-	-	-	-
-4.00	-	7.70	3.80	2.42	2.02	1.48	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
<b>PAGE</b>	36 of 63

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

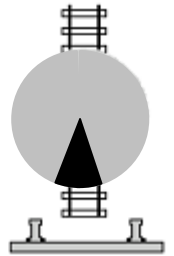
Duty	Config	Sector	Osc Axle	Safety
HU 50-100	 RAIL 50mm - 100mm	+/- 160° - +/- 180° Over Fixed End		67%



## 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	1.34a	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	-	-	-	-	-	-



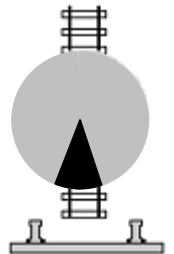
Duty	Config	Sector	Osc Axle	Safety
HU 50-100	 RAIL 50mm - 100mm	+/- 160° - +/- 180° Over Fixed End		67%

## 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	4.14	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	4.09	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	4.55	4.09	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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

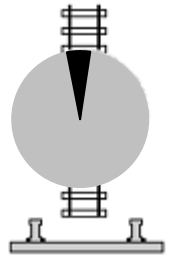
Duty	Config	Sector	Osc Axle	Safety
AL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 10° Over Osc End		<b>90%</b>

### 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	3.78	2.74a	1.86a	1.70a	1.72a	-	-	-	-	-	-
-2.00	8.54a	7.43a	5.23	3.81	2.41a	2.12a	1.76a	-	-	-	-	-	-	-
-3.00	8.53r	8.58	5.32	3.79a	2.80a	2.24a	2.19a	-	-	-	-	-	-	-
-4.00	9.51r	9.13	5.66	4.03	3.31	-	-	-	-	-	-	-	-	-



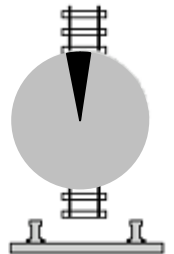
Duty	Config	Sector	Osc Axle	Safety
AL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 10° Over Osc End		<b>90%</b>

### 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	2.76	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.29a	3.28a	2.78	2.17	-	-	-	-	-	-
4.00	-	-	5.08a	5.59a	4.23a	3.47	2.78	2.20	-	-	-	-	-	-
3.00	-	-	6.67b	6.00	4.41	3.44	2.77	2.18	-	-	-	-	-	-
2.00	-	7.61a	8.99	5.90	4.31b	3.40	2.73	2.16	-	-	-	-	-	-
1.00	6.31a	9.39a	9.03	5.85	4.31b	3.42	2.68	2.13	-	-	-	-	-	-
0.00	9.57a	12.00	8.80r	5.78	4.26	3.34	2.62	2.08	-	-	-	-	-	-
-1.00	12.00	12.00	8.84	5.70	4.21	3.26	2.53	2.03	-	-	-	-	-	-
-2.00	12.00	12.00	8.73	5.68	4.16	3.16	2.48	-	-	-	-	-	-	-
-3.00	12.00	12.00	8.79	5.66	4.05	3.08	2.45	-	-	-	-	-	-	-
-4.00	12.00	11.72	6.72	5.55	3.97	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

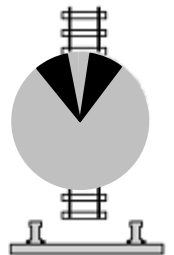
Duty	Config	Sector	Osc Axle	Safety
BL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 10° - +/- 40° Over Osc End		<b>90%</b>

## 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	1.41	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.09	1.33a	1.26	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	1.99	1.32a	1.10	0.98	-	-	-	-	-	-
4.00	-	-	2.56a	2.70	1.93	1.29a	1.07	0.90	-	-	-	-	-	-
3.00	-	-	3.52	2.35	1.79	1.32a	1.06	0.84	-	-	-	-	-	-
2.00	-	6.05	3.20	2.05	1.66	1.27	0.99	0.80	-	-	-	-	-	-
1.00	6.31a	4.88a	2.90	2.00	1.49	1.21	0.95	0.78	-	-	-	-	-	-
0.00	7.80a	4.75a	2.79	1.93	1.45	1.14	0.92	0.78	-	-	-	-	-	-
-1.00	8.02a	5.25	2.83	1.91	1.43	1.12	0.90	0.85	-	-	-	-	-	-
-2.00	8.54a	5.21	2.84	1.93	1.43	1.12	0.92	-	-	-	-	-	-	-
-3.00	8.53r	5.47	2.94	1.96	1.44	1.15	1.14	-	-	-	-	-	-	-
-4.00	9.51r	6.06	3.26	2.17	1.70	-	-	-	-	-	-	-	-	-



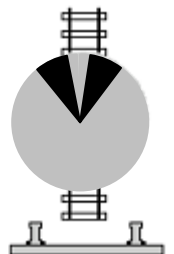
Duty	Config	Sector	Osc Axle	Safety
BL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 10° - +/- 40° Over Osc End		<b>90%</b>

## 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	2.90	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.94	2.10	1.49	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.88a	2.10	1.54	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.02a	2.86	2.09	1.56	1.11	-	-	-	-	-	-
4.00	-	-	5.08a	3.92	2.77	2.05	1.57	1.11	-	-	-	-	-	-
3.00	-	-	5.32	3.85	2.68	2.01	1.55	1.10	-	-	-	-	-	-
2.00	-	7.32r	6.47	3.77	2.62	2.00	1.51	1.07	-	-	-	-	-	-
1.00	6.31a	8.77	6.30	3.78	2.62	1.97	1.47	1.03	-	-	-	-	-	-
0.00	9.57a	10.81a	5.92	3.55	2.50	1.87	1.36	0.99	-	-	-	-	-	-
-1.00	12.00	12.00	5.84	3.42	2.40	1.80	1.29	0.94	-	-	-	-	-	-
-2.00	12.00	12.00	5.74	3.37	2.34	1.66	1.21	-	-	-	-	-	-	-
-3.00	12.00	9.08	5.80	3.35	2.22	1.57	1.17	-	-	-	-	-	-	-
-4.00	12.00	8.55	4.13	3.22	2.14	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

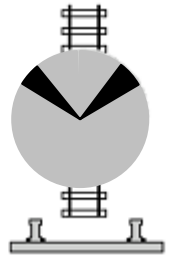
Duty	Config	Sector	Osc Axle	Safety
CL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 40° - +/- 60° Over Osc End		<b>90%</b>



### 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	-	-	-	-	-	2.67	1.56a	1.44a	1.49a	1.35	-	-	-	-
6.00	-	-	-	-	-	2.68	2.21	1.49a	1.39a	1.31	1.13	1.07	-	-
5.00	-	-	-	2.61a	2.69a	2.55	2.10	1.79	1.31a	1.32a	1.12	0.96	0.92	-
4.00	-	-	2.56a	2.70a	2.90	2.37	1.98	1.69	1.44	1.26	1.10	0.93	0.82	-
3.00	-	-	4.26	3.09	2.49	2.12	1.87	1.57	1.33	1.19	1.05	0.89	0.79	0.75
2.00	6.74r	5.45	3.76	2.79	2.16	1.89	1.64	1.47	1.26	1.12	0.99	0.85	0.75	0.72
1.00	4.88a	4.70	3.33	2.53	2.10	1.74	1.52	1.31	1.22	1.06	0.91	0.83	0.73	0.71
0.00	5.28a	4.52	3.28	2.46	2.03	1.68	1.47	1.28	1.14	1.02	0.89	0.80	0.72	0.72
-1.00	6.46a	4.42	3.20	2.47	1.99	1.69	1.45	1.25	1.11	0.99	0.88	0.80	0.77	-
-2.00	6.98	4.48	3.23	2.49	2.03	1.69	1.44	1.25	1.10	0.98	0.88	0.83	-	-
-3.00	7.10	4.61	3.38	2.54	2.05	1.73	1.46	1.28	1.13	1.01	0.99	-	-	-
-4.00	7.70	5.08	3.59	2.75	2.25	1.87	1.63	1.43	-	-	-	-	-	-



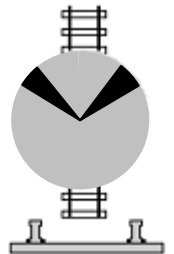
Duty	Config	Sector	Osc Axle	Safety
CL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 40° - +/- 60° Over Osc End		<b>90%</b>

### 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	2.65	2.15	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.67	2.25	1.89	1.57	-	-	-	-
6.00	-	-	-	-	-	2.87	2.68	2.24	1.91	1.61	1.34	1.12	-	-
5.00	-	-	-	2.73a	3.02a	3.05	2.62	2.24	1.91	1.64	1.37	1.14	0.94	-
4.00	-	-	5.08a	4.45a	3.47a	3.05	2.55	2.17	1.89	1.64	1.38	1.15	0.96	-
3.00	-	-	5.59	4.54	3.52	2.96	2.48	2.12	1.84	1.63	1.37	1.15	0.96	0.78
2.00	7.11a	7.02	5.75	4.39	3.43	2.83	2.42	2.08	1.83	1.62	1.34	1.12	0.93	0.77
1.00	8.58	8.18r	5.64	4.34	3.41	2.83	2.39	2.07	1.79	1.55	1.29	1.06	0.90	0.74
0.00	10.38	7.90	5.44	4.12	3.28	2.68	2.32	1.98	1.71	1.45	1.21	1.01	0.86	0.72
-1.00	10.21	7.77	5.26	3.94	3.14	2.55	2.21	1.87	1.62	1.36	1.13	0.96	0.82	-
-2.00	10.27	7.28	5.13	3.85	3.05	2.51	2.13	1.78	1.50	1.26	1.06	0.91	-	-
-3.00	10.56	7.65	5.06	3.81	3.06	2.45	2.01	1.66	1.41	1.20	1.03	-	-	-
-4.00	9.81	7.77	4.92	3.74	2.87	2.31	1.90	1.47	-	-	-	-	-	-



<b>NOTES</b>	<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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

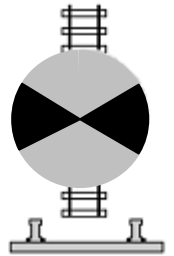
Duty	Config	Sector	Osc Axle	Safety
DL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 60° - +/- 120°		<b>90%</b>



## 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	-	-	-	2.76	1.56a	1.41	1.32	-	-	-	-	-	-	-
6.00	-	-	-	2.77	1.96	1.33a	1.17	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.63	1.86	1.32a	1.03	0.91	-	-	-	-	-	-
4.00	-	-	2.56a	2.51	1.80	1.29a	0.99	0.84	-	-	-	-	-	-
3.00	-	-	3.24	2.17	1.67	1.23	0.98	0.78	-	-	-	-	-	-
2.00	-	5.43	2.93	1.88	1.54	1.18	0.91	0.73	-	-	-	-	-	-
1.00	6.31a	4.88a	2.64	1.84	1.37	1.12	0.88	0.71	-	-	-	-	-	-
0.00	7.80a	4.61	2.53	1.76	1.33	1.05	0.85	0.72	-	-	-	-	-	-
-1.00	8.02a	4.68	2.57	1.74	1.31	1.03	0.83	0.78	-	-	-	-	-	-
-2.00	8.54a	4.64	2.58	1.76	1.31	1.03	0.85	-	-	-	-	-	-	-
-3.00	8.53r	4.87	2.68	1.79	1.33	1.06	1.05	-	-	-	-	-	-	-
-4.00	9.51r	5.41	2.98	2.00	1.56	-	-	-	-	-	-	-	-	-



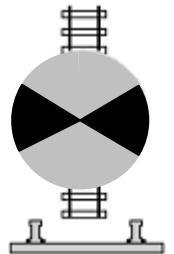
Duty	Config	Sector	Osc Axle	Safety
DL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 60° - +/- 120°		<b>90%</b>

## 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	2.73	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.85	2.75	1.97	1.39	-	-	-	-	-	-	-
6.00	-	-	-	2.78	2.70	1.97	1.45	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.02a	2.68	1.96	1.46	1.04	-	-	-	-	-	-
4.00	-	-	4.66	3.65	2.58	1.92	1.47	1.04	-	-	-	-	-	-
3.00	-	-	4.84	3.56	2.50	1.88	1.45	1.03	-	-	-	-	-	-
2.00	-	7.32r	5.82	3.48	2.44	1.87	1.42	0.99	-	-	-	-	-	-
1.00	6.31a	8.15	5.76	3.49	2.44	1.84	1.37	0.95	-	-	-	-	-	-
0.00	9.57a	10.42a	5.32	3.27	2.33	1.74	1.27	0.91	-	-	-	-	-	-
-1.00	12.00	12.00	5.24	3.14	2.22	1.68	1.19	0.86	-	-	-	-	-	-
-2.00	12.00	12.00	5.15	3.09	2.17	1.54	1.12	-	-	-	-	-	-	-
-3.00	12.00	7.90	5.20	3.08	2.05	1.45	1.08	-	-	-	-	-	-	-
-4.00	12.00	7.48	3.76	2.95	1.97	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	<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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

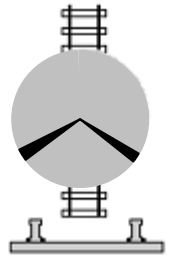
Duty	Config	Sector	Osc Axle	Safety
EL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 120° - +/- 130° Over Fixed End		<b>90%</b>



## 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	1.41	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.09	1.33a	1.26	-	-	-	-	-	-	-
5.00	-	-	2.72a	2.69a	1.99	1.32a	1.10	0.98	-	-	-	-	-	-
4.00	-	-	2.56a	2.70	1.93	1.29a	1.07	0.90	-	-	-	-	-	-
3.00	-	-	3.52	2.35	1.79	1.32a	1.06	0.84	-	-	-	-	-	-
2.00	-	6.05	3.20	2.05	1.66	1.27	0.99	0.80	-	-	-	-	-	-
1.00	6.31a	4.88a	2.90	2.00	1.49	1.21	0.95	0.78	-	-	-	-	-	-
0.00	7.80a	4.75a	2.79	1.93	1.45	1.14	0.92	0.78	-	-	-	-	-	-
-1.00	8.02a	5.25	2.83	1.91	1.43	1.12	0.90	0.85	-	-	-	-	-	-
-2.00	8.54a	5.21	2.84	1.93	1.43	1.12	0.92	-	-	-	-	-	-	-
-3.00	8.53r	5.47	2.94	1.96	1.44	1.15	1.14	-	-	-	-	-	-	-
-4.00	9.51r	6.06	3.26	2.17	1.70	-	-	-	-	-	-	-	-	-



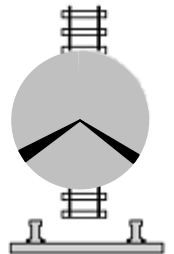
Duty	Config	Sector	Osc Axle	Safety
EL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 120° - +/- 130° Over Fixed End		<b>90%</b>

## 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	2.90	1.83a	-	-	-	-	-	-	-	-
7.00	-	-	-	2.95a	2.94	2.10	1.49	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.88a	2.10	1.54	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.02a	2.86	2.09	1.56	1.11	-	-	-	-	-	-
4.00	-	-	5.08a	3.92	2.77	2.05	1.57	1.11	-	-	-	-	-	-
3.00	-	-	5.32	3.85	2.68	2.01	1.55	1.10	-	-	-	-	-	-
2.00	-	7.32r	6.47	3.77	2.62	2.00	1.51	1.07	-	-	-	-	-	-
1.00	6.31a	8.77	6.30	3.78	2.62	1.97	1.47	1.03	-	-	-	-	-	-
0.00	9.57a	10.81a	5.92	3.55	2.50	1.87	1.36	0.99	-	-	-	-	-	-
-1.00	12.00	12.00	5.84	3.42	2.40	1.80	1.29	0.94	-	-	-	-	-	-
-2.00	12.00	12.00	5.74	3.37	2.34	1.66	1.21	-	-	-	-	-	-	-
-3.00	12.00	9.08	5.80	3.35	2.22	1.57	1.17	-	-	-	-	-	-	-
-4.00	12.00	8.55	4.13	3.22	2.14	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

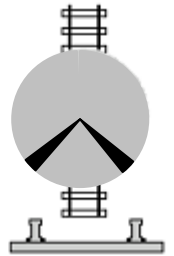
Duty	Config	Sector	Osc Axle	Safety
FL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 130° - +/- 140° Over Fixed End		<b>90%</b>



### 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	2.36	1.32a	1.34a	1.27	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.30	1.29a	1.29a	1.19	-	-	-	-	-	-
3.00	-	-	3.99	2.79	2.18	1.32a	1.30a	1.12	-	-	-	-	-	-
2.00	-	6.36	3.71	2.51	2.05	1.41a	1.29	1.07	-	-	-	-	-	-
1.00	6.31a	4.88a	3.44	2.47	1.89	1.45a	1.26	1.05	-	-	-	-	-	-
0.00	7.80a	4.75a	3.34	2.40	1.85	1.49	1.23	1.06	-	-	-	-	-	-
-1.00	8.02a	5.69	3.37	2.38	1.83	1.47	1.21	1.15	-	-	-	-	-	-
-2.00	8.54a	5.66	3.38	2.40	1.84	1.47	1.23	-	-	-	-	-	-	-
-3.00	8.53r	5.89	3.47	2.43	1.85	1.50	1.48	-	-	-	-	-	-	-
-4.00	9.51r	6.38	3.77	2.63	2.11	-	-	-	-	-	-	-	-	-



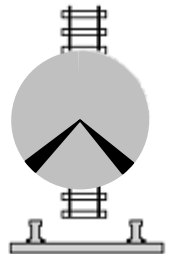
Duty	Config	Sector	Osc Axle	Safety
FL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 130° - +/- 140° Over Fixed End		<b>90%</b>

### 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	2.45	1.82	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.95a	2.46	1.87a	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.14	2.45	1.89	1.41	-	-	-	-	-	-
4.00	-	-	5.08a	4.34	3.17	2.42	1.89	1.41	-	-	-	-	-	-
3.00	-	-	5.68	4.28	3.09	2.38	1.88	1.40	-	-	-	-	-	-
2.00	-	7.32r	6.71	4.21	3.04	2.36	1.84	1.37	-	-	-	-	-	-
1.00	6.31a	8.57	6.57	4.22	3.04	2.34	1.77	1.33	-	-	-	-	-	-
0.00	9.57a	10.52	6.25	4.01	2.93	2.24	1.70	1.29	-	-	-	-	-	-
-1.00	12.00	12.00	6.18	3.89	2.83	2.18	1.63	1.24	-	-	-	-	-	-
-2.00	12.00	12.00	6.10	3.85	2.78	2.05	1.55	-	-	-	-	-	-	-
-3.00	12.00	8.81	6.15	3.84	2.66	1.96	1.52	-	-	-	-	-	-	-
-4.00	12.00	8.41	4.61	3.72	2.59	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

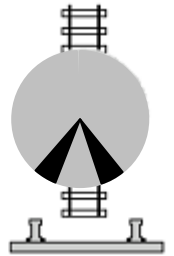
Duty	Config	Sector	Osc Axle	Safety
GL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 140° - +/- 160° Over Fixed End		<b>90%</b>



## 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	3.40	2.67	1.32a	1.30a	1.30a	-	-	-	-	-	-
2.00	-	6.74r	4.50	3.12	2.55	1.41a	1.33a	1.32a	-	-	-	-	-	-
1.00	6.31a	4.88a	4.23	3.09	2.39	1.45a	1.39a	1.36a	-	-	-	-	-	-
0.00	7.80a	4.75a	4.14	3.02	2.35	1.62a	1.54a	1.39	-	-	-	-	-	-
-1.00	8.02a	5.92a	4.17	3.00	2.34	1.86a	1.58	1.49	-	-	-	-	-	-
-2.00	8.54a	6.77	4.18	3.02	2.34	1.89	1.60	-	-	-	-	-	-	-
-3.00	8.53r	6.98	4.27	3.05	2.36	1.93	1.90	-	-	-	-	-	-	-
-4.00	9.51r	7.47	4.58	3.24	2.64	-	-	-	-	-	-	-	-	-



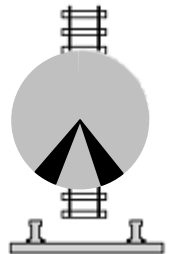
Duty	Config	Sector	Osc Axle	Safety
GL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 140° - +/- 160° Over Fixed End		<b>90%</b>

## 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	2.92	2.27	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.26a	2.92	2.28	1.76	-	-	-	-	-	-
4.00	-	-	5.08a	4.87	3.69	2.90	2.28	1.77	-	-	-	-	-	-
3.00	-	-	6.12	5.02	3.67b	2.86	2.28	1.77	-	-	-	-	-	-
2.00	-	7.41	7.65	4.96	3.61	2.83b	2.24	1.73	-	-	-	-	-	-
1.00	6.31a	8.82a	7.52	4.92	3.61	2.80	2.19	1.69	-	-	-	-	-	-
0.00	9.57a	10.99	7.29	4.77	3.53	2.74	2.11	1.66	-	-	-	-	-	-
-1.00	12.00	12.00	7.24	4.66	3.43	2.67a	2.05	1.61	-	-	-	-	-	-
-2.00	12.00	12.00	7.15	4.63	3.38	2.55	1.97	-	-	-	-	-	-	-
-3.00	12.00	10.06	7.20	4.61	3.27	2.46	1.94	-	-	-	-	-	-	-
-4.00	12.00	9.64	5.49	4.51	3.20	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
<b>PAGE</b>	44 of 63



Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

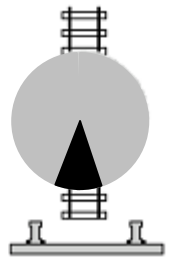
Duty	Config	Sector	Osc Axle	Safety
HL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 160° - +/- 180° Over Fixed End		<b>90%</b>

## 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	-	-	-	-	-	-



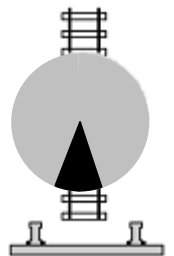
Duty	Config	Sector	Osc Axle	Safety
HL 50-100	<b>RAIL</b>  50mm - 100mm	+/- 160° - +/- 180° Over Fixed End		<b>90%</b>

## 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	-	-	-	-	-	-



<b>NOTES</b>	<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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

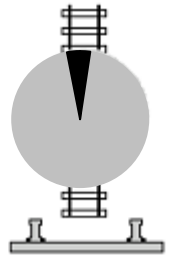
Duty	Config	Sector	Osc Axle	Safety
AU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 10° Over Osc End		<b>67%</b>

## 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	-	-	-	-	2.39	1.56a	1.42	1.35	-	-	-	-	-	-
6.00	-	-	-	-	2.40	1.83	1.33a	1.23	-	-	-	-	-	-
5.00	-	-	-	2.72a	2.31	1.77	1.32a	1.12	1.03	-	-	-	-	-
4.00	-	-	-	2.56a	2.24	1.73	1.29a	1.09	0.97	-	-	-	-	-
3.00	-	-	-	2.74	2.04	1.65	1.31	1.09	0.92	-	-	-	-	-
2.00	-	-	3.92	2.58	1.86	1.57	1.27	1.04	0.88	-	-	-	-	-
1.00	-	6.31a	3.67	2.42	1.84	1.46	1.23	1.02	0.87	-	-	-	-	-
0.00	-	6.34	3.53	2.36	1.79	1.44	1.19	1.00	0.88	-	-	-	-	-
-1.00	4.79r	6.25	3.57	2.38	1.78	1.42	1.17	0.99	0.94	-	-	-	-	-
-2.00	4.53r	6.28	3.55	2.38	1.80	1.43	1.17	1.00	-	-	-	-	-	-
-3.00	4.18r	6.48	3.65	2.44	1.81	1.44	1.20	1.18	-	-	-	-	-	-
-4.00	-	6.83	3.91	2.61	1.94	1.61	-	-	-	-	-	-	-	-



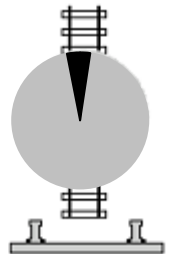
Duty	Config	Sector	Osc Axle	Safety
AU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 10° Over Osc End		<b>67%</b>

## 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	-	-	-	-	2.66	2.36	1.78	-	-	-	-	-	-	-
7.00	-	-	-	-	2.44	2.38	1.83	1.41	-	-	-	-	-	-
6.00	-	-	-	-	2.40	2.35	1.83	1.44	-	-	-	-	-	-
5.00	-	-	-	2.72a	2.83a	2.34	1.83	1.45	1.12	-	-	-	-	-
4.00	-	-	-	3.57	3.03	2.28	1.80	1.46	1.12	-	-	-	-	-
3.00	-	-	-	3.64	2.92	2.23	1.78	1.44	1.12	-	-	-	-	-
2.00	-	-	5.20	4.11	2.88	2.19	1.77	1.42	1.10	-	-	-	-	-
1.00	-	6.31a	6.32a	4.08	2.88	2.19	1.75	1.39	1.07	-	-	-	-	-
0.00	-	9.07a	6.43	3.87	2.76	2.13	1.69	1.32	1.04	-	-	-	-	-
-1.00	6.93r	11.28a	6.44	3.83	2.69	2.06	1.65	1.28	1.01	-	-	-	-	-
-2.00	10.67r	12.00	6.45	3.79	2.66	2.03	1.57	1.23	-	-	-	-	-	-
-3.00	9.78r	10.02	6.47	3.81	2.65	1.96	1.51	1.20	-	-	-	-	-	-
-4.00	-	9.51r	4.76	3.07	2.59	1.91	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

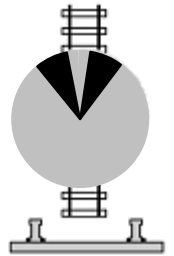
Duty	Config	Sector	Osc Axle	Safety
BU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 10° - +/- 40° Over Osc End		<b>67%</b>

### 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	-	-	-	1.68	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.42	1.01	0.97	-	-	-	-	-	-	-	-
7.00	-	-	-	1.46	1.01	0.74	0.69	-	-	-	-	-	-	-
6.00	-	-	-	1.47	1.05	0.74	0.61	-	-	-	-	-	-	-
5.00	-	-	1.95	1.38	0.98	0.72	0.52	0.46	-	-	-	-	-	-
4.00	-	-	1.84	1.30	0.94	0.71	0.50	0.41	-	-	-	-	-	-
3.00	-	-	1.56	1.08	0.85	0.63	0.49	0.38	-	-	-	-	-	-
2.00	-	2.37	1.37	0.90	0.77	0.59	0.45	0.35	-	-	-	-	-	-
1.00	4.39	2.06	1.20	0.87	0.66	0.54	0.42	0.34	-	-	-	-	-	-
0.00	4.09	1.92	1.13	0.82	0.63	0.50	0.40	0.34	-	-	-	-	-	-
-1.00	3.99	1.93	1.16	0.81	0.62	0.49	0.39	0.37	-	-	-	-	-	-
-2.00	4.03	1.92	1.16	0.82	0.62	0.49	0.40	-	-	-	-	-	-	-
-3.00	4.21	2.02	1.22	0.84	0.63	0.51	0.51	-	-	-	-	-	-	-
-4.00	4.66	2.30	1.38	0.97	0.75	-	-	-	-	-	-	-	-	-



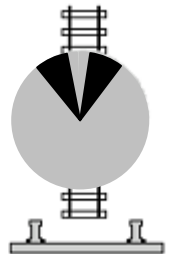
Duty	Config	Sector	Osc Axle	Safety
BU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 10° - +/- 40° Over Osc End		<b>67%</b>

### 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	-	-	-	1.96	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.66	1.44	1.00	-	-	-	-	-	-	-	-
7.00	-	-	-	1.50	1.46	1.06	0.73	-	-	-	-	-	-	-
6.00	-	-	-	1.47	1.43	1.06	0.77	-	-	-	-	-	-	-
5.00	-	-	1.95	1.90	1.41	1.05	0.78	0.53	-	-	-	-	-	-
4.00	-	-	2.27	1.89	1.35	1.03	0.79	0.53	-	-	-	-	-	-
3.00	-	-	2.26	1.77	1.30	1.00	0.77	0.53	-	-	-	-	-	-
2.00	-	3.40	2.58	1.72	1.26	0.99	0.75	0.50	-	-	-	-	-	-
1.00	4.39	4.23	2.56	1.72	1.26	0.97	0.72	0.47	-	-	-	-	-	-
0.00	4.28	4.18	2.33	1.59	1.19	0.91	0.65	0.45	-	-	-	-	-	-
-1.00	7.42	4.24	2.27	1.51	1.12	0.86	0.60	0.41	-	-	-	-	-	-
-2.00	7.58	4.28	2.23	1.47	1.09	0.77	0.55	-	-	-	-	-	-	-
-3.00	7.87	3.08	2.26	1.47	1.01	0.71	0.52	-	-	-	-	-	-	-
-4.00	7.29	2.96	1.74	1.39	0.96	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

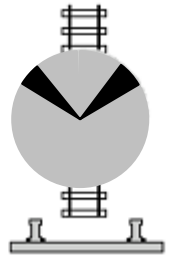
Duty	Config	Sector	Osc Axle	Safety
CU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 40° - +/- 60° Over Osc End		<b>67%</b>



## 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	-	-	-	1.57	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.32	0.93	0.89	-	-	-	-	-	-	-	-
7.00	-	-	-	1.36	0.93	0.68	0.63	-	-	-	-	-	-	-
6.00	-	-	-	1.37	0.97	0.67	0.55	-	-	-	-	-	-	-
5.00	-	-	1.82	1.28	0.90	0.66	0.47	0.40	-	-	-	-	-	-
4.00	-	-	1.71	1.21	0.86	0.64	0.44	0.36	-	-	-	-	-	-
3.00	-	-	1.43	0.99	0.78	0.56	0.44	0.33	-	-	-	-	-	-
2.00	-	2.18	1.24	0.80	0.69	0.52	0.39	0.30	-	-	-	-	-	-
1.00	4.04	1.87	1.08	0.77	0.58	0.48	0.37	0.29	-	-	-	-	-	-
0.00	3.75	1.73	1.01	0.73	0.56	0.44	0.35	0.29	-	-	-	-	-	-
-1.00	3.66	1.75	1.03	0.72	0.54	0.42	0.33	0.31	-	-	-	-	-	-
-2.00	3.69	1.74	1.04	0.72	0.54	0.42	0.35	-	-	-	-	-	-	-
-3.00	3.85	1.83	1.09	0.74	0.55	0.44	0.44	-	-	-	-	-	-	-
-4.00	4.31	2.11	1.25	0.87	0.67	-	-	-	-	-	-	-	-	-



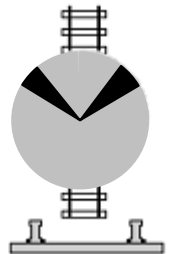
Duty	Config	Sector	Osc Axle	Safety
CU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 40° - +/- 60° Over Osc End		<b>67%</b>

## 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	-	-	-	1.83	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.55	1.35	0.92	-	-	-	-	-	-	-	-
7.00	-	-	-	1.40	1.36	0.98	0.67	-	-	-	-	-	-	-
6.00	-	-	-	1.37	1.34	0.98	0.70	-	-	-	-	-	-	-
5.00	-	-	1.82	1.78	1.31	0.97	0.72	0.48	-	-	-	-	-	-
4.00	-	-	2.12	1.76	1.25	0.95	0.72	0.48	-	-	-	-	-	-
3.00	-	-	2.10	1.64	1.20	0.92	0.71	0.47	-	-	-	-	-	-
2.00	-	3.16	2.40	1.59	1.17	0.91	0.68	0.45	-	-	-	-	-	-
1.00	4.04	3.90	2.37	1.59	1.16	0.89	0.65	0.42	-	-	-	-	-	-
0.00	3.94	3.85	2.14	1.47	1.09	0.83	0.58	0.39	-	-	-	-	-	-
-1.00	6.85	3.91	2.08	1.39	1.02	0.78	0.53	0.36	-	-	-	-	-	-
-2.00	7.01	3.95	2.05	1.35	0.99	0.70	0.48	-	-	-	-	-	-	-
-3.00	7.29	2.84	2.08	1.34	0.91	0.64	0.46	-	-	-	-	-	-	-
-4.00	6.77	2.74	1.59	1.26	0.87	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
<b>PAGE</b>	48 of 63



# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

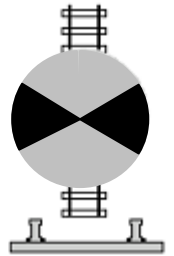
Duty	Config	Sector	Osc Axle	Safety
DU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 60° - +/- 120°		<b>67%</b>

### 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	-	-	-	1.57	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.32	0.93	0.89	-	-	-	-	-	-	-	-
7.00	-	-	-	1.36	0.93	0.68	0.63	-	-	-	-	-	-	-
6.00	-	-	-	1.37	0.97	0.67	0.55	-	-	-	-	-	-	-
5.00	-	-	1.82	1.28	0.90	0.66	0.47	0.40	-	-	-	-	-	-
4.00	-	-	1.71	1.21	0.86	0.64	0.44	0.36	-	-	-	-	-	-
3.00	-	-	1.43	0.99	0.78	0.56	0.44	0.33	-	-	-	-	-	-
2.00	-	2.18	1.24	0.80	0.69	0.52	0.39	0.30	-	-	-	-	-	-
1.00	4.04	1.87	1.08	0.77	0.58	0.48	0.37	0.29	-	-	-	-	-	-
0.00	3.75	1.73	1.01	0.73	0.56	0.44	0.35	0.29	-	-	-	-	-	-
-1.00	3.66	1.75	1.03	0.72	0.54	0.42	0.33	0.31	-	-	-	-	-	-
-2.00	3.69	1.74	1.04	0.72	0.54	0.42	0.35	-	-	-	-	-	-	-
-3.00	3.85	1.83	1.09	0.74	0.55	0.44	0.44	-	-	-	-	-	-	-
-4.00	4.31	2.11	1.25	0.87	0.67	-	-	-	-	-	-	-	-	-



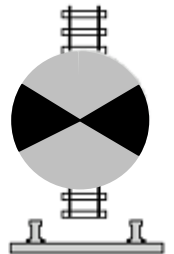
Duty	Config	Sector	Osc Axle	Safety
DU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 60° - +/- 120°		<b>67%</b>

### 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	-	-	-	1.83	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.55	1.35	0.92	-	-	-	-	-	-	-	-
7.00	-	-	-	1.40	1.36	0.98	0.67	-	-	-	-	-	-	-
6.00	-	-	-	1.37	1.34	0.98	0.70	-	-	-	-	-	-	-
5.00	-	-	1.82	1.78	1.31	0.97	0.72	0.48	-	-	-	-	-	-
4.00	-	-	2.12	1.76	1.25	0.95	0.72	0.48	-	-	-	-	-	-
3.00	-	-	2.10	1.64	1.20	0.92	0.71	0.47	-	-	-	-	-	-
2.00	-	3.16	2.40	1.59	1.17	0.91	0.68	0.45	-	-	-	-	-	-
1.00	4.04	3.90	2.37	1.59	1.16	0.89	0.65	0.42	-	-	-	-	-	-
0.00	3.94	3.85	2.14	1.47	1.09	0.83	0.58	0.39	-	-	-	-	-	-
-1.00	6.85	3.91	2.08	1.39	1.02	0.78	0.53	0.36	-	-	-	-	-	-
-2.00	7.01	3.95	2.05	1.35	0.99	0.70	0.48	-	-	-	-	-	-	-
-3.00	7.29	2.84	2.08	1.34	0.91	0.64	0.46	-	-	-	-	-	-	-
-4.00	6.77	2.74	1.59	1.26	0.87	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

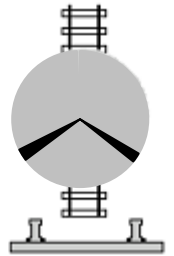
Duty	Config	Sector	Osc Axle	Safety
EU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 120° - +/- 130° Over Fixed End		<b>67%</b>

### 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	-	-	-	1.68	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.42	1.01	0.97	-	-	-	-	-	-	-	-
7.00	-	-	-	1.46	1.01	0.74	0.69	-	-	-	-	-	-	-
6.00	-	-	-	1.47	1.05	0.74	0.61	-	-	-	-	-	-	-
5.00	-	-	1.95	1.38	0.98	0.72	0.52	0.46	-	-	-	-	-	-
4.00	-	-	1.84	1.30	0.94	0.71	0.50	0.41	-	-	-	-	-	-
3.00	-	-	1.56	1.08	0.85	0.63	0.49	0.38	-	-	-	-	-	-
2.00	-	2.37	1.37	0.90	0.77	0.59	0.45	0.35	-	-	-	-	-	-
1.00	4.39	2.06	1.20	0.87	0.66	0.54	0.42	0.34	-	-	-	-	-	-
0.00	4.09	1.92	1.13	0.82	0.63	0.50	0.40	0.34	-	-	-	-	-	-
-1.00	3.99	1.93	1.16	0.81	0.62	0.49	0.39	0.37	-	-	-	-	-	-
-2.00	4.03	1.92	1.16	0.82	0.62	0.49	0.40	-	-	-	-	-	-	-
-3.00	4.21	2.02	1.22	0.84	0.63	0.51	0.51	-	-	-	-	-	-	-
-4.00	4.66	2.30	1.39	0.97	0.75	-	-	-	-	-	-	-	-	-



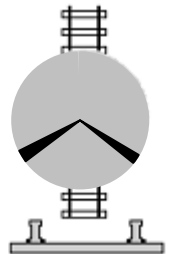
Duty	Config	Sector	Osc Axle	Safety
EU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 120° - +/- 130° Over Fixed End		<b>67%</b>

### 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	-	-	-	1.96	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.66	1.44	1.00	-	-	-	-	-	-	-	-
7.00	-	-	-	1.50	1.46	1.06	0.73	-	-	-	-	-	-	-
6.00	-	-	-	1.47	1.43	1.06	0.77	-	-	-	-	-	-	-
5.00	-	-	1.95	1.90	1.41	1.05	0.78	0.53	-	-	-	-	-	-
4.00	-	-	2.27	1.89	1.35	1.03	0.79	0.53	-	-	-	-	-	-
3.00	-	-	2.26	1.77	1.30	1.00	0.77	0.53	-	-	-	-	-	-
2.00	-	3.40	2.58	1.72	1.26	0.99	0.75	0.50	-	-	-	-	-	-
1.00	4.39	4.23	2.56	1.72	1.26	0.97	0.72	0.47	-	-	-	-	-	-
0.00	4.28	4.18	2.33	1.59	1.19	0.91	0.65	0.45	-	-	-	-	-	-
-1.00	7.42	4.24	2.27	1.51	1.12	0.86	0.60	0.41	-	-	-	-	-	-
-2.00	7.58	4.28	2.23	1.47	1.09	0.77	0.55	-	-	-	-	-	-	-
-3.00	7.87	3.08	2.26	1.47	1.01	0.71	0.52	-	-	-	-	-	-	-
-4.00	7.29	2.97	1.74	1.39	0.96	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

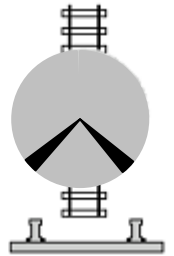
Duty	Config	Sector	Osc Axle	Safety
FU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 130° - +/- 140° Over Fixed End		<b>67%</b>



## 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	-	-	-	1.79	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.53	1.10	1.06	-	-	-	-	-	-	-	-
7.00	-	-	-	1.56	1.10	0.82	0.77	-	-	-	-	-	-	-
6.00	-	-	-	1.57	1.14	0.82	0.69	-	-	-	-	-	-	-
5.00	-	-	2.07	1.48	1.07	0.80	0.60	0.53	-	-	-	-	-	-
4.00	-	-	1.96	1.41	1.03	0.79	0.57	0.48	-	-	-	-	-	-
3.00	-	-	1.69	1.19	0.95	0.71	0.57	0.45	-	-	-	-	-	-
2.00	-	2.52	1.51	1.01	0.86	0.67	0.52	0.42	-	-	-	-	-	-
1.00	4.50	2.23	1.34	0.98	0.76	0.63	0.50	0.40	-	-	-	-	-	-
0.00	4.22	2.09	1.28	0.94	0.73	0.59	0.48	0.40	-	-	-	-	-	-
-1.00	4.13	2.11	1.30	0.93	0.72	0.57	0.46	0.44	-	-	-	-	-	-
-2.00	4.17	2.09	1.31	0.94	0.72	0.57	0.48	-	-	-	-	-	-	-
-3.00	4.33	2.19	1.36	0.95	0.73	0.60	0.59	-	-	-	-	-	-	-
-4.00	4.75	2.46	1.52	1.08	0.86	-	-	-	-	-	-	-	-	-



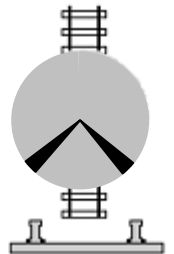
Duty	Config	Sector	Osc Axle	Safety
FU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 130° - +/- 140° Over Fixed End		<b>67%</b>

## 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	-	-	-	2.08	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.76	1.55	1.09	-	-	-	-	-	-	-	-
7.00	-	-	-	1.61	1.56	1.15	0.81	-	-	-	-	-	-	-
6.00	-	-	-	1.57	1.53	1.15	0.85	-	-	-	-	-	-	-
5.00	-	-	2.07	2.02	1.51	1.14	0.86	0.60	-	-	-	-	-	-
4.00	-	-	2.40	2.00	1.45	1.12	0.87	0.60	-	-	-	-	-	-
3.00	-	-	2.39	1.89	1.40	1.09	0.85	0.60	-	-	-	-	-	-
2.00	-	3.54	2.73	1.84	1.37	1.08	0.83	0.58	-	-	-	-	-	-
1.00	4.50	4.35	2.70	1.84	1.37	1.06	0.80	0.55	-	-	-	-	-	-
0.00	4.40	4.30	2.48	1.72	1.29	1.00	0.73	0.52	-	-	-	-	-	-
-1.00	7.22	4.36	2.42	1.64	1.23	0.96	0.68	0.49	-	-	-	-	-	-
-2.00	7.36	4.40	2.39	1.61	1.20	0.87	0.63	-	-	-	-	-	-	-
-3.00	7.62	3.23	2.41	1.60	1.12	0.81	0.61	-	-	-	-	-	-	-
-4.00	7.13	3.12	1.88	1.53	1.07	-	-	-	-	-	-	-	-	-





<b>NOTES</b>	<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>
<b>PAGE</b>	51 of 63



Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

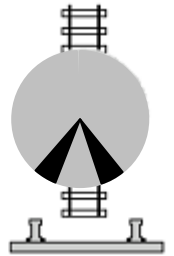
Duty	Config	Sector	Osc Axle	Safety
GU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 140° - +/- 160° Over Fixed End		<b>67%</b>



## 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	-	-	-	1.76	1.27	1.23	-	-	-	-	-	-	-	-
7.00	-	-	-	1.79	1.27	0.96	0.91	-	-	-	-	-	-	-
6.00	-	-	-	1.80	1.31	0.96	0.81	-	-	-	-	-	-	-
5.00	-	-	2.38	1.71	1.25	0.94	0.72	0.64	-	-	-	-	-	-
4.00	-	-	2.27	1.63	1.21	0.93	0.69	0.59	-	-	-	-	-	-
3.00	-	-	1.99	1.41	1.12	0.85	0.68	0.55	-	-	-	-	-	-
2.00	-	2.99	1.80	1.23	1.03	0.81	0.64	0.52	-	-	-	-	-	-
1.00	5.55	2.69	1.63	1.20	0.93	0.77	0.61	0.51	-	-	-	-	-	-
0.00	5.24	2.54	1.57	1.15	0.90	0.72	0.59	0.51	-	-	-	-	-	-
-1.00	5.13	2.57	1.59	1.14	0.88	0.71	0.58	0.55	-	-	-	-	-	-
-2.00	5.17	2.55	1.59	1.15	0.89	0.71	0.60	-	-	-	-	-	-	-
-3.00	5.39	2.66	1.65	1.17	0.89	0.73	0.73	-	-	-	-	-	-	-
-4.00	5.83	2.95	1.83	1.30	1.04	-	-	-	-	-	-	-	-	-



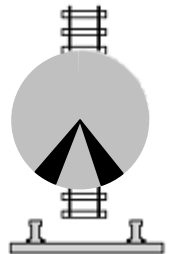
Duty	Config	Sector	Osc Axle	Safety
GU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 140° - +/- 160° Over Fixed End		<b>67%</b>

## 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	-	-	-	2.29a	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	2.02	1.77	1.26	-	-	-	-	-	-	-	-
7.00	-	-	-	1.84	1.79	1.32	0.95	-	-	-	-	-	-	-
6.00	-	-	-	1.80	1.75	1.32	0.99	-	-	-	-	-	-	-
5.00	-	-	2.38	2.32	1.73	1.31	1.00	0.72	-	-	-	-	-	-
4.00	-	-	2.78	2.31	1.67	1.29	1.01	0.72	-	-	-	-	-	-
3.00	-	-	2.80	2.19	1.62	1.26	0.99	0.72	-	-	-	-	-	-
2.00	-	4.21	3.21	2.14	1.59	1.25	0.97	0.69	-	-	-	-	-	-
1.00	5.55	5.35	3.18	2.15	1.59	1.23	0.94	0.67	-	-	-	-	-	-
0.00	5.43	5.29	2.94	2.02	1.51	1.17	0.87	0.64	-	-	-	-	-	-
-1.00	9.34	5.37	2.89	1.94	1.45	1.13	0.82	0.61	-	-	-	-	-	-
-2.00	9.51	5.40	2.85	1.90	1.41	1.04	0.77	-	-	-	-	-	-	-
-3.00	9.71	3.88	2.87	1.90	1.34	0.98	0.74	-	-	-	-	-	-	-
-4.00	9.07	3.74	2.23	1.82	1.29	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
<b>PAGE</b>	52 of 63

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

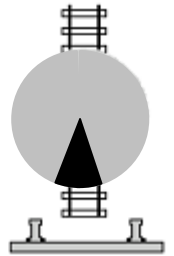
Duty	Config	Sector	Osc Axle	Safety
HU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 160° - +/- 180° Over Fixed End		<b>67%</b>



### 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	2.44	1.32a	1.34a	1.33a	-	-	-	-	-
4.00	-	-	-	2.56a	3.02a	2.40	1.29a	1.29a	1.33a	-	-	-	-	-
3.00	-	-	-	3.81	2.87	2.32	1.32a	1.30a	1.30a	-	-	-	-	-
2.00	-	-	5.41	3.64	2.69	2.24	1.41a	1.33a	1.32a	-	-	-	-	-
1.00	-	6.31a	4.88a	3.47	2.67	2.14	1.45a	1.39a	1.31	-	-	-	-	-
0.00	-	6.96a	4.75a	3.42	2.62	2.11	1.62a	1.50	1.33	-	-	-	-	-
-1.00	4.79r	7.46r	5.05	3.44	2.61	2.10	1.75	1.49	1.41	-	-	-	-	-
-2.00	4.53r	6.91r	5.04	3.44	2.62	2.11	1.75	1.50	-	-	-	-	-	-
-3.00	4.18r	8.53r	5.16	3.50	2.64	2.12	1.77	1.74	-	-	-	-	-	-
-4.00	-	9.35	5.43	3.69	2.77	2.32	-	-	-	-	-	-	-	-



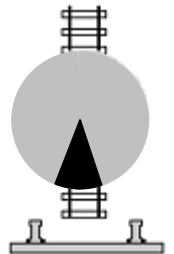
Duty	Config	Sector	Osc Axle	Safety
HU 100-150	<b>RAIL</b>  100mm - 150mm	+/- 160° - +/- 180° Over Fixed End		<b>67%</b>

### 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	2.49	1.86a	-	-	-	-	-	-
6.00	-	-	-	-	2.85a	2.95a	2.51	2.00	-	-	-	-	-	-
5.00	-	-	-	2.72a	3.13	3.07	2.50	2.02	1.61	-	-	-	-	-
4.00	-	-	-	4.78	4.01	3.10	2.48	2.02	1.61	-	-	-	-	-
3.00	-	-	-	4.94	3.97	3.05	2.45	2.01	1.61	-	-	-	-	-
2.00	-	-	7.05	5.59	3.93	3.01	2.44	1.99	1.59	-	-	-	-	-
1.00	-	6.31a	7.30	5.56	3.94	3.01	2.42	1.95	1.56	-	-	-	-	-
0.00	-	9.07a	8.76	5.34	3.81	2.95	2.36	1.89	1.54	-	-	-	-	-
-1.00	6.93r	12.00	8.88	5.31	3.74	2.88	2.32	1.85	1.51	-	-	-	-	-
-2.00	10.67r	12.00	8.88	5.26	3.72	2.85	2.24	1.80	-	-	-	-	-	-
-3.00	9.78r	12.00	8.89	5.29	3.71	2.78	2.18	1.77	-	-	-	-	-	-
-4.00	-	12.00	6.56	4.27	3.64	2.73	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
<b>PAGE</b>	53 of 63

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

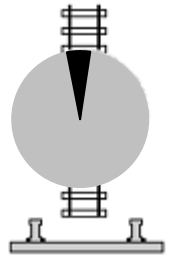
Duty	Config	Sector	Osc Axle	Safety
AL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 10° Over Osc End		<b>90%</b>



### 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	4.58	3.37	2.69b	1.41a	1.33a	1.32a	-	-	-	-	-
1.00	-	6.31a	4.88a	4.36	3.34	2.56r	1.45a	1.39a	1.36a	-	-	-	-	-
0.00	-	6.96a	4.75a	4.28	3.28	2.64	1.62a	1.54a	1.44a	-	-	-	-	-
-1.00	4.79r	7.46r	5.92a	4.31	3.26	2.62	1.86a	1.70a	1.72a	-	-	-	-	-
-2.00	4.53r	6.91r	6.33	4.31	3.28	2.41a	2.12a	1.76a	-	-	-	-	-	-
-3.00	4.18r	8.53r	6.49	4.39	3.30	2.64	2.21	2.18	-	-	-	-	-	-
-4.00	-	9.51r	6.85	4.65	3.48	2.91	-	-	-	-	-	-	-	-



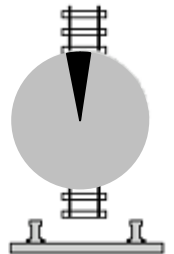
Duty	Config	Sector	Osc Axle	Safety
AL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 10° Over Osc End		<b>90%</b>

### 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	2.51	-	-	-	-	-	-
5.00	-	-	-	2.72a	3.15a	3.27a	3.12	2.52	2.00	-	-	-	-	-
4.00	-	-	-	5.08a	4.88a	3.83	3.10	2.52	2.02	-	-	-	-	-
3.00	-	-	-	5.98b	5.01	3.83	3.07	2.52	2.00	-	-	-	-	-
2.00	-	-	7.32r	7.08	4.97	3.78b	3.06	2.47	1.99	-	-	-	-	-
1.00	-	6.31a	8.39	6.91	4.93	3.78b	3.03	2.43	1.95	-	-	-	-	-
0.00	-	9.57a	10.15a	6.74	4.81	3.70	2.98	2.37	1.91	-	-	-	-	-
-1.00	6.93r	12.00	11.21	6.70	4.71	3.63	2.90	2.29	1.88	-	-	-	-	-
-2.00	10.67r	12.00	11.22	6.63	4.69	3.59	2.80	2.25	-	-	-	-	-	-
-3.00	9.78r	12.00	11.24	6.67	4.67	3.49	2.73	2.22	-	-	-	-	-	-
-4.00	-	12.00	8.28	5.39	4.59	3.43	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

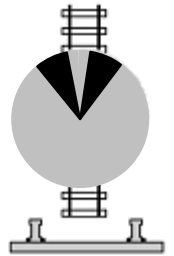
Duty	Config	Sector	Osc Axle	Safety
BL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 10° - +/- 40° Over Osc End		<b>90%</b>



### 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	-	-	-	-	-	2.57	1.56a	1.44a	1.48	1.26	-	-	-	-
6.00	-	-	-	-	-	2.57	2.11	1.49a	1.39a	1.22	1.04	0.98	-	-
5.00	-	-	-	2.61a	2.69a	2.44	2.00	1.69	1.31a	1.24	1.04	0.88	0.84	-
4.00	-	-	2.56a	2.70a	2.79	2.26	1.87	1.58	1.35	1.17	1.01	0.85	0.74	-
3.00	-	-	4.15	2.96	2.36	2.00	1.76	1.46	1.23	1.10	0.96	0.81	0.71	0.67
2.00	6.74r	5.39	3.63	2.65	2.02	1.76	1.52	1.36	1.16	1.02	0.90	0.77	0.67	0.64
1.00	4.88a	4.59	3.18	2.38	1.95	1.61	1.40	1.20	1.11	0.96	0.82	0.75	0.65	0.63
0.00	5.28a	4.40	3.12	2.31	1.89	1.55	1.35	1.17	1.04	0.92	0.80	0.72	0.64	0.64
-1.00	6.46a	4.29	3.04	2.32	1.85	1.56	1.32	1.14	1.00	0.89	0.79	0.71	0.68	-
-2.00	7.05	4.36	3.07	2.34	1.88	1.56	1.32	1.14	1.00	0.88	0.79	0.74	-	-
-3.00	7.18	4.50	3.23	2.39	1.91	1.60	1.34	1.17	1.03	0.91	0.90	-	-	-
-4.00	7.86	4.99	3.45	2.61	2.11	1.74	1.50	1.31	-	-	-	-	-	-



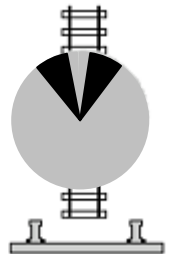
Duty	Config	Sector	Osc Axle	Safety
BL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 10° - +/- 40° Over Osc End		<b>90%</b>

### 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	2.54	2.05	-	-	-	-	-	-
7.00	-	-	-	-	-	2.94	2.57	2.15	1.79	1.47	-	-	-	-
6.00	-	-	-	-	-	2.85	2.58	2.14	1.82	1.51	1.25	1.03	-	-
5.00	-	-	-	2.73a	3.02a	2.94	2.52	2.13	1.81	1.55	1.28	1.05	0.86	-
4.00	-	-	5.08a	4.43	3.45a	2.94	2.44	2.07	1.79	1.54	1.29	1.07	0.88	-
3.00	-	-	5.54	4.46	3.41	2.85	2.37	2.02	1.74	1.53	1.28	1.06	0.88	0.70
2.00	7.11a	7.09	5.72	4.29	3.32	2.71	2.31	1.98	1.73	1.52	1.25	1.03	0.85	0.70
1.00	8.62a	8.20a	5.60	4.24	3.30	2.72	2.27	1.97	1.69	1.46	1.20	0.98	0.82	0.66
0.00	10.96	8.07	5.38	4.01	3.15	2.56	2.20	1.87	1.61	1.35	1.12	0.93	0.77	0.64
-1.00	10.76	7.93	5.20	3.82	3.02	2.43	2.09	1.76	1.52	1.26	1.04	0.87	0.73	-
-2.00	10.84	7.38	5.06	3.73	2.92	2.38	2.01	1.67	1.39	1.16	0.96	0.82	-	-
-3.00	11.17	7.80	4.98	3.69	2.93	2.32	1.89	1.55	1.30	1.09	0.93	-	-	-
-4.00	10.28	7.93	4.83	3.62	2.73	2.18	1.78	1.35	-	-	-	-	-	-





<b>NOTES</b>	<p>SWL = 75% of Tip Load or 87% of Max System Hydraulic Pressure (whichever is the lower).</p> <p>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.</p> <p>Loads marked 'b' boom and 'a' arm and 'r' artic are limited by hydraulic capacity (87% of system maximum hydraulic pressure).</p>
<b>PAGE</b>	55 of 63



Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

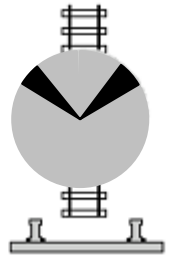
Duty	Config	Sector	Osc Axle	Safety
CL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 40° - +/- 60° Over Osc End		<b>90%</b>



## 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	1.57	-	-	-	-	-	-
7.00	-	-	-	-	-	2.27	1.56a	1.44a	1.27	1.07	-	-	-	-
6.00	-	-	-	-	-	2.28	1.85	1.49a	1.28	1.03	0.87	0.82	-	-
5.00	-	-	-	2.61a	2.67	2.14	1.74	1.46	1.23	1.05	0.87	0.72	0.68	-
4.00	-	-	2.56a	2.70a	2.44	1.96	1.61	1.35	1.14	0.98	0.84	0.69	0.59	-
3.00	-	-	3.62	2.55	2.00	1.69	1.48	1.23	1.02	0.91	0.79	0.65	0.56	0.53
2.00	6.74r	4.67	3.10	2.23	1.67	1.46	1.25	1.12	0.95	0.83	0.73	0.61	0.53	0.50
1.00	4.88a	3.88	2.66	1.96	1.60	1.31	1.15	0.97	0.90	0.77	0.65	0.59	0.50	0.49
0.00	5.28a	3.69	2.59	1.89	1.54	1.25	1.09	0.94	0.83	0.73	0.63	0.56	0.50	0.49
-1.00	6.05	3.59	2.51	1.90	1.50	1.26	1.06	0.91	0.80	0.70	0.62	0.55	0.53	-
-2.00	5.98	3.66	2.55	1.92	1.54	1.26	1.06	0.91	0.79	0.70	0.62	0.58	-	-
-3.00	6.11	3.79	2.70	1.97	1.56	1.30	1.08	0.94	0.82	0.73	0.72	-	-	-
-4.00	6.76	4.29	2.92	2.19	1.76	1.44	1.23	1.07	-	-	-	-	-	-



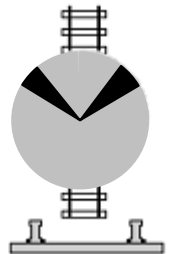
Duty	Config	Sector	Osc Axle	Safety
CL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 40° - +/- 60° Over Osc End		<b>90%</b>

## 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	2.69	2.25	1.79	-	-	-	-	-	-
7.00	-	-	-	-	-	2.61	2.27	1.89	1.56	1.26	-	-	-	-
6.00	-	-	-	-	-	2.71	2.28	1.88	1.59	1.31	1.07	0.86	-	-
5.00	-	-	-	2.73a	2.93a	2.71	2.22	1.88	1.58	1.35	1.10	0.88	0.70	-
4.00	-	-	4.65	3.92	3.17	2.60	2.15	1.81	1.56	1.34	1.10	0.90	0.72	-
3.00	-	-	4.88	3.94	3.01	2.50	2.08	1.76	1.51	1.33	1.10	0.89	0.72	0.56
2.00	7.11a	6.23	5.03	3.77	2.90	2.37	2.01	1.72	1.50	1.32	1.07	0.86	0.69	0.55
1.00	8.35	7.40	4.92	3.72	2.88	2.37	1.98	1.71	1.46	1.25	1.01	0.80	0.66	0.52
0.00	9.52	7.03	4.68	3.49	2.74	2.23	1.91	1.62	1.38	1.15	0.93	0.76	0.62	0.49
-1.00	9.33	6.86	4.50	3.30	2.61	2.09	1.80	1.50	1.29	1.05	0.85	0.70	0.57	-
-2.00	9.40	6.38	4.36	3.21	2.51	2.04	1.71	1.41	1.16	0.95	0.78	0.65	-	-
-3.00	9.73	6.75	4.30	3.17	2.51	1.98	1.59	1.29	1.07	0.89	0.75	-	-	-
-4.00	8.94	6.87	4.15	3.10	2.32	1.84	1.49	1.12	-	-	-	-	-	-



<b>NOTES</b>	<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>
<b>PAGE</b>	56 of 63





Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

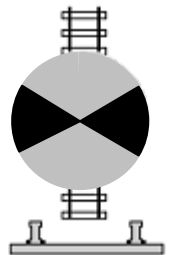
Duty	Config	Sector	Osc Axle	Safety
DL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 60° - +/- 120°		<b>90%</b>

## 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	1.57	-	-	-	-	-	-
7.00	-	-	-	-	-	2.27	1.56a	1.44a	1.27	1.07	-	-	-	-
6.00	-	-	-	-	-	2.28	1.85	1.49a	1.28	1.03	0.87	0.82	-	-
5.00	-	-	-	2.61a	2.67	2.14	1.74	1.46	1.23	1.05	0.87	0.72	0.68	-
4.00	-	-	2.56a	2.70a	2.44	1.96	1.61	1.35	1.14	0.98	0.84	0.69	0.59	-
3.00	-	-	3.62	2.55	2.00	1.69	1.48	1.23	1.02	0.91	0.79	0.65	0.56	0.53
2.00	6.74r	4.67	3.10	2.23	1.67	1.46	1.25	1.12	0.95	0.83	0.73	0.61	0.53	0.50
1.00	4.88a	3.88	2.66	1.96	1.60	1.31	1.15	0.97	0.90	0.77	0.65	0.59	0.50	0.49
0.00	5.28a	3.69	2.59	1.89	1.54	1.25	1.09	0.94	0.83	0.73	0.63	0.56	0.50	0.49
-1.00	6.05	3.59	2.51	1.90	1.50	1.26	1.06	0.91	0.80	0.70	0.62	0.55	0.53	-
-2.00	5.98	3.66	2.55	1.92	1.54	1.26	1.06	0.91	0.79	0.70	0.62	0.58	-	-
-3.00	6.11	3.79	2.70	1.97	1.56	1.30	1.08	0.94	0.82	0.73	0.72	-	-	-
-4.00	6.76	4.29	2.92	2.19	1.76	1.44	1.23	1.07	-	-	-	-	-	-



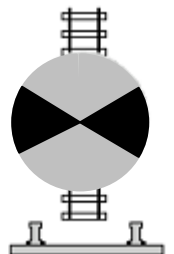
Duty	Config	Sector	Osc Axle	Safety
DL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 60° - +/- 120°		<b>90%</b>

## 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	2.69	2.25	1.79	-	-	-	-	-	-
7.00	-	-	-	-	-	2.61	2.27	1.89	1.56	1.26	-	-	-	-
6.00	-	-	-	-	-	2.71	2.28	1.88	1.59	1.31	1.07	0.86	-	-
5.00	-	-	-	2.73a	2.93a	2.71	2.22	1.88	1.58	1.35	1.10	0.88	0.70	-
4.00	-	-	4.65	3.92	3.17	2.60	2.15	1.81	1.56	1.34	1.10	0.90	0.72	-
3.00	-	-	4.88	3.94	3.01	2.50	2.08	1.76	1.51	1.33	1.10	0.89	0.72	0.56
2.00	7.11a	6.23	5.03	3.77	2.90	2.37	2.01	1.72	1.50	1.32	1.07	0.86	0.69	0.55
1.00	8.35	7.40	4.92	3.72	2.88	2.37	1.98	1.71	1.46	1.25	1.01	0.80	0.66	0.52
0.00	9.52	7.03	4.68	3.49	2.74	2.23	1.91	1.62	1.38	1.15	0.93	0.76	0.62	0.49
-1.00	9.33	6.86	4.50	3.30	2.61	2.09	1.80	1.50	1.29	1.05	0.85	0.70	0.57	-
-2.00	9.40	6.38	4.36	3.21	2.51	2.04	1.71	1.41	1.16	0.95	0.78	0.65	-	-
-3.00	9.73	6.75	4.30	3.17	2.51	1.98	1.59	1.29	1.07	0.89	0.75	-	-	-
-4.00	8.94	6.87	4.15	3.10	2.32	1.84	1.49	1.12	-	-	-	-	-	-





<b>NOTES</b>	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).
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

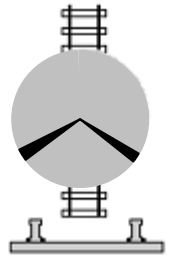
Duty	Config	Sector	Osc Axle	Safety
EL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 120° - +/- 130° Over Fixed End		<b>90%</b>



## 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	-	-	-	-	-	2.58	1.56a	1.44a	1.49a	1.32	-	-	-	-
6.00	-	-	-	-	-	2.59	2.15	1.49a	1.39a	1.28	1.10	1.04	-	-
5.00	-	-	-	2.61a	2.69a	2.46	2.04	1.74	1.31a	1.30	1.10	0.94	0.90	-
4.00	-	-	2.56a	2.70a	2.79	2.29	1.92	1.64	1.41	1.23	1.07	0.91	0.80	-
3.00	-	-	4.03	2.96	2.39	2.05	1.81	1.52	1.29	1.16	1.03	0.87	0.77	0.74
2.00	6.74r	5.08	3.56	2.67	2.07	1.82	1.58	1.43	1.22	1.09	0.97	0.83	0.74	0.70
1.00	4.88a	4.38	3.16	2.42	2.01	1.68	1.48	1.28	1.18	1.03	0.89	0.81	0.71	0.70
0.00	5.28a	4.21	3.10	2.35	1.95	1.62	1.43	1.24	1.11	0.99	0.87	0.78	0.71	0.70
-1.00	6.39	4.12	3.03	2.36	1.91	1.63	1.40	1.21	1.08	0.96	0.86	0.78	0.75	-
-2.00	6.33	4.18	3.05	2.38	1.95	1.63	1.40	1.21	1.07	0.95	0.86	0.81	-	-
-3.00	6.44	4.30	3.20	2.43	1.97	1.67	1.41	1.24	1.10	0.98	0.97	-	-	-
-4.00	6.98	4.74	3.40	2.63	2.16	1.80	1.57	1.38	-	-	-	-	-	-



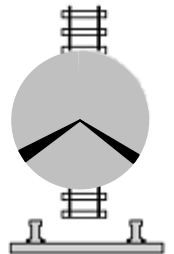
Duty	Config	Sector	Osc Axle	Safety
EL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 120° - +/- 130° Over Fixed End		<b>90%</b>

## 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	2.56	2.09	-	-	-	-	-	-
7.00	-	-	-	-	-	2.93	2.59	2.18	1.84	1.53	-	-	-	-
6.00	-	-	-	-	-	2.85a	2.59	2.17	1.86	1.57	1.31	1.09	-	-
5.00	-	-	-	2.73a	3.02a	2.94	2.54	2.17	1.86	1.60	1.34	1.11	0.92	-
4.00	-	-	5.00	4.29	3.43a	2.94	2.47	2.11	1.83	1.60	1.34	1.13	0.94	-
3.00	-	-	5.24	4.31	3.37	2.85	2.40	2.06	1.79	1.59	1.34	1.12	0.94	0.76
2.00	7.11a	6.49	5.38	4.16	3.28	2.72	2.34	2.02	1.78	1.58	1.31	1.09	0.91	0.76
1.00	8.28	7.50	5.28	4.12	3.26	2.73	2.31	2.01	1.74	1.51	1.26	1.04	0.88	0.73
0.00	9.18	7.19	5.08	3.91	3.13	2.58	2.24	1.92	1.66	1.41	1.18	0.99	0.84	0.70
-1.00	9.03	7.05	4.92	3.74	3.01	2.46	2.14	1.81	1.57	1.32	1.10	0.93	0.80	-
-2.00	9.09	6.64	4.80	3.65	2.92	2.42	2.06	1.72	1.46	1.22	1.03	0.89	-	-
-3.00	9.34	6.96	4.74	3.61	2.92	2.36	1.94	1.61	1.37	1.16	1.00	-	-	-
-4.00	8.74	7.06	4.60	3.55	2.74	2.22	1.84	1.42	-	-	-	-	-	-



<b>NOTES</b>	<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>
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Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

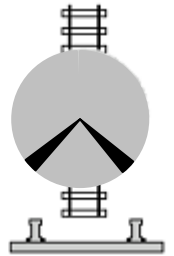
Duty	Config	Sector	Osc Axle	Safety
FL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 130° - +/- 140° Over Fixed End		<b>90%</b>

## 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	1.40	-	-	-	-
6.00	-	-	-	-	-	2.78a	2.32	1.49a	1.39a	1.33a	1.16	1.10	-	-
5.00	-	-	-	2.61a	2.69a	2.69	2.21	1.87	1.31a	1.32a	1.16	0.99	0.94	-
4.00	-	-	2.56a	2.70a	2.94a	2.51	2.07	1.76	1.50	1.29a	1.13	0.96	0.84	-
3.00	-	-	4.71	3.35	2.67	2.24	1.97	1.63	1.38	1.23	1.08	0.92	0.80	0.77
2.00	6.74r	6.24b	4.15	3.02	2.30	1.99	1.72	1.54	1.30	1.16	1.02	0.88	0.77	0.74
1.00	4.88a	4.90a	3.68	2.74	2.24	1.84	1.60	1.37	1.26	1.10	0.94	0.86	0.75	0.73
0.00	5.28a	4.75a	3.62	2.66	2.17	1.77	1.55	1.34	1.18	1.05	0.92	0.82	0.74	0.73
-1.00	6.46a	5.06	3.54	2.67	2.12	1.79	1.51	1.30	1.15	1.02	0.91	0.82	0.79	-
-2.00	8.10a	5.13	3.57	2.70	2.16	1.79	1.51	1.30	1.14	1.01	0.91	0.85	-	-
-3.00	8.73	5.28	3.74	2.75	2.18	1.83	1.53	1.34	1.18	1.04	1.02	-	-	-
-4.00	9.53	5.81	3.96	2.98	2.40	1.97	1.71	1.49	-	-	-	-	-	-

MINIMUM LOADS

HEIGHT



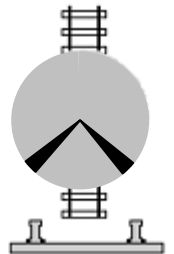
Duty	Config	Sector	Osc Axle	Safety
FL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 130° - +/- 140° Over Fixed End		<b>90%</b>

## 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	2.75a	2.22a	-	-	-	-	-	-
7.00	-	-	-	-	-	2.95a	2.82	2.36	1.97	1.62	-	-	-	-
6.00	-	-	-	-	-	2.91a	2.83	2.35	1.99	1.67	1.39	1.15	-	-
5.00	-	-	-	2.73a	3.02a	3.08a	2.77	2.34	1.99	1.70	1.42	1.17	0.97	-
4.00	-	-	5.08a	4.47	3.69	3.24	2.69	2.28	1.97	1.70	1.42	1.19	0.98	-
3.00	-	-	5.98b	5.02	3.80	3.16	2.62	2.22	1.92	1.69	1.42	1.18	0.98	0.80
2.00	7.11a	8.01	6.50	4.84	3.71	3.01	2.55	2.18	1.91	1.68a	1.39	1.15	0.96	0.79
1.00	8.62a	8.91r	6.42	4.80	3.69	3.02	2.52	2.17	1.86	1.61	1.33	1.09	0.92	0.76
0.00	12.00	9.69	6.21	4.54	3.54	2.86	2.45	2.08	1.78	1.50	1.25	1.05	0.88	0.73
-1.00	12.00	9.55	6.02	4.35	3.40	2.72	2.33	1.96	1.69	1.41	1.17	0.99	0.84	-
-2.00	12.00	8.83	5.86	4.25	3.30	2.68	2.25	1.86	1.56	1.30	1.09	0.94	-	-
-3.00	12.00	9.38	5.78	4.21	3.31	2.61	2.12	1.74	1.47	1.24	1.06	-	-	-
-4.00	12.00	9.54	5.62	4.13	3.10	2.46	2.01	1.53	-	-	-	-	-	-

MAXIMUM LOADS

HEIGHT





<b>NOTES</b>	<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>
<b>PAGE</b>	59 of 63



Your safety, your profit, our commitment

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

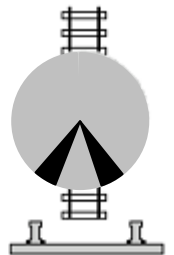
Duty	Config	Sector	Osc Axle	Safety
GL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 140° - +/- 160° Over Fixed End		<b>90%</b>



## 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	2.45	1.32a	1.34a	1.28	-	-	-	-	-	-
4.00	-	-	2.56a	3.02a	2.38	1.29a	1.29a	1.19	-	-	-	-	-	-
3.00	-	-	4.35	2.94	2.25	1.32a	1.30a	1.12	-	-	-	-	-	-
2.00	-	6.74r	4.03	2.63	2.12	1.41a	1.30	1.07	-	-	-	-	-	-
1.00	6.31a	4.88a	3.72	2.59	1.95	1.45a	1.27	1.05	-	-	-	-	-	-
0.00	7.80a	4.75a	3.61	2.51	1.91	1.51	1.24	1.06	-	-	-	-	-	-
-1.00	8.02a	5.92a	3.65	2.49	1.88	1.49	1.22	1.15	-	-	-	-	-	-
-2.00	8.54a	6.60	3.66	2.52	1.89	1.49	1.24	-	-	-	-	-	-	-
-3.00	8.53r	6.86	3.76	2.55	1.90	1.53	1.51	-	-	-	-	-	-	-
-4.00	9.51r	7.49	4.11	2.76	2.19	-	-	-	-	-	-	-	-	-



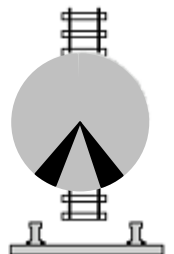
Duty	Config	Sector	Osc Axle	Safety
GL 100-150	<b>RAIL</b>  100mm - 150mm	+/- 140° - +/- 160° Over Fixed End		<b>90%</b>

## 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	2.53	1.86a	-	-	-	-	-	-	-
6.00	-	-	-	2.85a	2.98a	2.56	1.90	-	-	-	-	-	-	-
5.00	-	-	2.72a	3.15a	3.18	2.54	1.93	1.43	-	-	-	-	-	-
4.00	-	-	5.08a	4.64a	3.35	2.51	1.93	1.43	-	-	-	-	-	-
3.00	-	-	5.98b	4.66	3.26	2.46	1.92a	1.42	-	-	-	-	-	-
2.00	-	7.42	7.72	4.59	3.20	2.45	1.89	1.38	-	-	-	-	-	-
1.00	6.31a	8.82a	7.55	4.58b	3.20	2.42	1.81	1.34	-	-	-	-	-	-
0.00	9.57a	11.36a	7.26	4.36	3.09	2.32	1.73	1.30	-	-	-	-	-	-
-1.00	12.00	12.00	7.20	4.23	2.98	2.26	1.66	1.25	-	-	-	-	-	-
-2.00	12.00	12.00	7.08	4.19	2.92	2.12	1.58	-	-	-	-	-	-	-
-3.00	12.00	11.12	7.15	4.17	2.80	2.02	1.54	-	-	-	-	-	-	-
-4.00	12.00	10.48	5.12	4.04	2.72	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	<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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

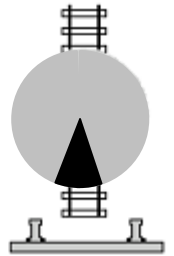
Duty	Config	Sector	Osc Axle	Safety
HL 100-150	 RAIL 100mm - 150mm	+/- 160° - +/- 180° Over Fixed End		90%



### 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	-	-	-	-	-	-



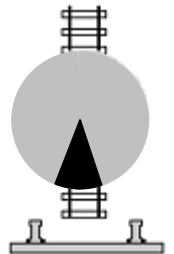
Duty	Config	Sector	Osc Axle	Safety
HL 100-150	 RAIL 100mm - 150mm	+/- 160° - +/- 180° Over Fixed End		90%

### 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>
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# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

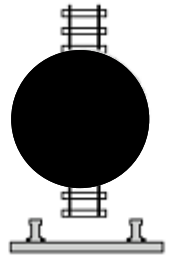
Duty	Config	Sector	Osc Axle	Safety
AU 150+	<b>RAIL</b>  150mm+	+/- 180°		<b>67%</b>



### 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	-	-	-	1.58	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.32	0.91	0.87	-	-	-	-	-	-	-	-
7.00	-	-	-	1.36	0.91	0.65	0.60	-	-	-	-	-	-	-
6.00	-	-	-	1.37	0.95	0.65	0.52	-	-	-	-	-	-	-
5.00	-	-	1.85	1.27	0.88	0.63	0.44	0.37	-	-	-	-	-	-
4.00	-	-	1.73	1.19	0.84	0.61	0.42	0.33	-	-	-	-	-	-
3.00	-	-	1.43	0.96	0.75	0.53	0.41	0.30	-	-	-	-	-	-
2.00	-	2.26	1.23	0.77	0.66	0.49	0.36	0.27	-	-	-	-	-	-
1.00	4.57	1.92	1.05	0.74	0.55	0.45	0.34	0.26	-	-	-	-	-	-
0.00	4.21	1.76	0.98	0.69	0.52	0.40	0.31	0.26	-	-	-	-	-	-
-1.00	4.10	1.78	1.01	0.68	0.50	0.39	0.30	0.28	-	-	-	-	-	-
-2.00	4.14	1.77	1.01	0.68	0.50	0.39	0.31	-	-	-	-	-	-	-
-3.00	4.36	1.87	1.07	0.70	0.51	0.41	0.41	-	-	-	-	-	-	-
-4.00	4.90	2.18	1.24	0.84	0.63	-	-	-	-	-	-	-	-	-



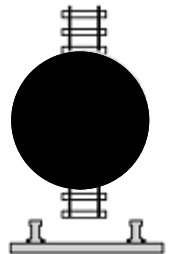
Duty	Config	Sector	Osc Axle	Safety
AU 150+	<b>RAIL</b>  150mm+	+/- 180°		<b>67%</b>

### 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	-	-	-	1.86	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	1.55	1.34	0.90	-	-	-	-	-	-	-	-
7.00	-	-	-	1.40	1.36	0.96	0.64	-	-	-	-	-	-	-
6.00	-	-	-	1.37	1.33	0.96	0.68	-	-	-	-	-	-	-
5.00	-	-	1.85	1.80	1.30	0.95	0.69	0.45	-	-	-	-	-	-
4.00	-	-	2.18	1.78	1.24	0.93	0.70	0.45	-	-	-	-	-	-
3.00	-	-	2.15	1.65	1.19	0.90	0.68	0.44	-	-	-	-	-	-
2.00	-	3.39	2.50	1.60	1.15	0.89	0.66	0.42	-	-	-	-	-	-
1.00	4.57	4.38	2.47	1.60	1.15	0.87	0.63	0.39	-	-	-	-	-	-
0.00	4.44	4.31	2.21	1.47	1.07	0.80	0.56	0.36	-	-	-	-	-	-
-1.00	8.94	4.40	2.15	1.38	1.00	0.76	0.50	0.33	-	-	-	-	-	-
-2.00	9.18	4.44	2.11	1.34	0.97	0.67	0.45	-	-	-	-	-	-	-
-3.00	9.48	3.03	2.14	1.34	0.89	0.60	0.42	-	-	-	-	-	-	-
-4.00	8.62	2.90	1.60	1.25	0.84	-	-	-	-	-	-	-	-	-



<b>NOTES</b>	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).
<b>PAGE</b>	62 of 63

# RATED LIFT CAPACITY CHART

Machine Type	Komatsu PW160	Equipment	2.00m + 3.40m + 2.50m
Issue Date	03/09/2014	Serial No.	H55873 / 2359
System Type	PME RAIL	Additional Info.	Hitch, Triple, Tandem Lift

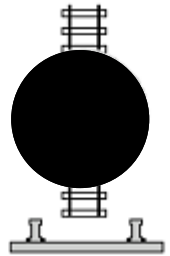
Duty	Config	Sector	Osc Axle	Safety
AL 150+	 RAIL 150mm+	+/- 180°		90%

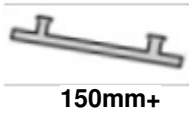

## RADIUS

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	1.56	-	-	-	-	-	-
7.00	-	-	-	-	-	2.22	1.56a	1.44a	1.27	1.07	-	-	-	-
6.00	-	-	-	-	-	2.22	1.82	1.49a	1.28	1.04	0.88	0.83	-	-
5.00	-	-	-	2.61a	2.58	2.09	1.72	1.45	1.23	1.06	0.88	0.74	0.70	-
4.00	-	-	2.56a	2.70a	2.36	1.92	1.59	1.35	1.15	0.99	0.85	0.71	0.61	-
3.00	-	-	3.40	2.45	1.95	1.67	1.47	1.23	1.03	0.92	0.80	0.67	0.58	0.55
2.00	6.74r	4.25	2.93	2.16	1.64	1.45	1.26	1.13	0.96	0.85	0.75	0.63	0.55	0.52
1.00	4.88a	3.56	2.53	1.90	1.58	1.31	1.15	0.99	0.91	0.79	0.67	0.61	0.53	0.51
0.00	5.28a	3.40	2.46	1.84	1.52	1.25	1.10	0.95	0.85	0.75	0.65	0.58	0.52	0.51
-1.00	5.22	3.31	2.40	1.85	1.48	1.26	1.07	0.93	0.81	0.72	0.64	0.57	0.55	-
-2.00	5.16	3.37	2.43	1.87	1.52	1.26	1.07	0.92	0.81	0.72	0.64	0.60	-	-
-3.00	5.27	3.48	2.56	1.92	1.54	1.30	1.09	0.95	0.84	0.75	0.74	-	-	-
-4.00	5.79	3.93	2.77	2.12	1.73	1.43	1.24	1.08	-	-	-	-	-	-



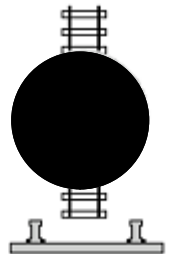
Duty	Config	Sector	Osc Axle	Safety
AL 150+	 RAIL 150mm+	+/- 180°		90%

## 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	-	-	-	-	2.82a	2.61	2.20	1.77	-	-	-	-	-	-
7.00	-	-	-	-	-	2.53	2.22	1.86	1.55	1.27	-	-	-	-
6.00	-	-	-	-	-	2.62	2.22	1.85	1.57	1.31	1.07	0.88	-	-
5.00	-	-	-	2.73a	2.91	2.62	2.17	1.85	1.57	1.35	1.10	0.90	0.72	-
4.00	-	-	4.29	3.68	3.03	2.52	2.10	1.79	1.55	1.34	1.11	0.91	0.73	-
3.00	-	-	4.47	3.69	2.88	2.43	2.03	1.74	1.50	1.33	1.10	0.90	0.73	0.58
2.00	7.11a	5.53	4.59	3.54	2.78	2.30	1.97	1.70	1.49	1.32	1.08	0.88	0.71	0.57
1.00	7.89	6.57	4.49	3.50	2.76	2.30	1.94	1.69	1.45	1.25	1.02	0.82	0.68	0.54
0.00	7.70	6.05	4.28	3.29	2.64	2.17	1.87	1.60	1.37	1.15	0.94	0.77	0.64	0.51
-1.00	7.56	5.89	4.11	3.12	2.51	2.04	1.77	1.49	1.29	1.06	0.87	0.72	0.59	-
-2.00	7.61	5.55	3.99	3.03	2.42	1.99	1.69	1.40	1.17	0.96	0.80	0.67	-	-
-3.00	7.86	5.81	3.94	2.99	2.42	1.93	1.58	1.29	1.08	0.90	0.76	-	-	-
-4.00	7.35	5.91	3.81	2.93	2.24	1.80	1.47	1.12	-	-	-	-	-	-



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>
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