



**RATED LIFT CAPACITIES FOR A KOMATSU PC290LC-10-SLF
EQUIPPED WITH A KX60T LONG REACH FRONT**

THE MACHINE IS TO BE EQUIPPED AS FOLLOWS:
68,280 LBS. TOTAL MACHINE WEIGHT
6750 KG COUNTERWEIGHT
800 MM TRACK SHOES

	5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	40 ft	45 ft	50 ft	55 ft	60 ft
50 ft	-	-	-	-	-	-	-	-	-	-	-	-
45 ft	-	-	-	-	-	-	-	6.1 *	-	-	-	-
40 ft	-	-	-	-	-	-	-	6.0 *	5.9 *	-	-	-
35 ft	-	-	-	-	-	-	-	6.0 *	5.8 *	-	-	-
30 ft	-	-	-	-	-	-	-	6.1 *	5.8 *	5.6 *	-	-
25 ft	-	-	-	-	-	-	6.7 *	6.3 *	6.0 *	5.7 *	-	-
20 ft	-	-	-	-	-	-	7.2 *	6.6 *	6.2 *	5.8 *	5.1	-
15 ft	-	-	-	-	10.1 *	8.7 *	7.7 *	7.0 *	6.4 *	6.0 *	5	-
10 ft	-	4.7 *	19.8 *	14.3 *	11.4 *	9.6 *	8.3 *	7.4 *	6.7 *	5.9	4.9	-
5 ft	-	1.6 *	7.3 *	16.3 *	12.6 *	10.4 *	8.9 *	7.8 *	6.8	6.7	4.8	-
GRD LINE	-	2.0 *	5.2 *	12.3 *	13.6 *	11.1 *	9.4 *	7.8	6.5	5.5	4.7	-
-5 ft	-	2.9 *	5.1 *	9.9 *	14.3 *	11.3	9.1	7.5	6.3	5.3	4.6	-
-10 ft	-	3.9 *	5.8 *	9.5 *	14.1	10.9	8.8	7.3	6.1	5.2	-	-
-15 ft	-	4.9 *	6.7 *	10.1 *	13.8	10.7	8.6	7.1	6	5.2	-	-
-20 ft	-	6.1 *	7.9 *	11.3 *	13.7	10.6	8.5	7	6	5.2	-	-
-25 ft	-	7.3 *	9.3 *	12.9 *	13.0 *	10.6	8.5	7.1	6.1	-	-	-
-30 ft	-	8.7 *	10.9 *	14.1 *	11.7 *	9.8 *	8.2 *	6.8 *	-	-	-	-
-35 ft	-	-	-	11.6 *	9.7 *	8.1 *	6.6 *	-	-	-	-	-
-40 ft	-	-	-	-	-	-	-	-	-	-	-	-

LIFTING
CAPACITY
OVER
FRONT
(x 1000
LBS.)

	5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	40 ft	45 ft	50 ft	55 ft	60 ft
50 ft	-	-	-	-	-	-	-	-	-	-	-	-
45 ft	-	-	-	-	-	-	-	6.1 *	-	-	-	-
40 ft	-	-	-	-	-	-	-	6.0 *	5	-	-	-
35 ft	-	-	-	-	-	-	-	6.0 *	5.1	-	-	-
30 ft	-	-	-	-	-	-	-	6.1 *	5	3.9	-	-
25 ft	-	-	-	-	-	-	6.7 *	6.2	4.9	3.8	-	-
20 ft	-	-	-	-	-	-	7.2 *	5.9	4.6	3.7	2.8	-
15 ft	-	-	-	-	10.1 *	8.7 *	7.1	5.6	4.4	3.5	2.7	-
10 ft	-	4.7 *	19.8 *	14.3 *	11	8.4	6.5	5.2	4.1	3.3	2.6	-
5 ft	-	1.6 *	7.3 *	13.2	9.8	7.6	6	4.8	3.9	3.1	2.5	-
GRD LINE	-	2.0 *	5.2 *	11.6	8.8	6.9	5.5	4.4	3.6	2.9	2.4	-
-5 ft	-	2.9 *	5.1 *	9.9 *	8	6.3	5.1	4.1	3.4	2.8	2.3	-
-10 ft	-	3.9 *	5.8 *	9.5 *	7.5	5.9	4.8	3.9	3.2	2.7	-	-
-15 ft	-	4.9 *	6.7 *	10	7.3	5.7	4.6	3.7	3.1	2.6	-	-
-20 ft	-	6.1 *	7.9 *	10	7.2	5.6	4.5	3.7	3.1	2.7	-	-
-25 ft	-	7.3 *	9.3 *	10.2	7.3	5.6	4.5	3.7	3.2	-	-	-
-30 ft	-	8.7 *	10.9 *	10.6	7.6	5.8	4.6	3.9	-	-	-	-
-35 ft	-	-	-	11.1	7.9	6.1	4.9	-	-	-	-	-
-40 ft	-	-	-	-	-	-	-	-	-	-	-	-

LIFTING
CAPACITY
OVER
SIDE
(x 1000
LBS.)

NOTES: MACHINE LIFTING CAPACITIES

1. THE RATED LIFTING CAPACITIES SHOULD NOT BE EXCEEDED. THE WEIGHT OF THE TOOL AND ALL LIFTING ACCESSORIES MUST BE DEDUCTED FROM THE ABOVE RATED LIFT CAPACITIES
2. RATED LIFTING CAPACITIES ARE IN COMPLIANCE WITH ISO-10567-1992 AND ARE EXPRESSED IN THOUSANDS OF POUNDS.
3. RATED LIFTING CAPACITIES ARE BASED ON THE MACHINE BEING LEVEL AND ON A FIRM SUPPORTING SURFACE. FOR SAFE WORKING LOADS, THE USER IS EXPECTED TO MAKE DUE ALLOWANCE FOR THE PARTICULAR JOB CONDITIONS SUCH AS SOFT OR UNEVEN GROUND, NON-LEVEL CONDITIONS, SIDE LOADS, HAZARDOUS CONDITIONS, SUDDEN STARTING OR STOPPING OF LOADS, EXPERIENCE OF PERSONNEL, ETC.
4. THE RATED LIFTING CAPACITIES SHOWN DO NOT EXCEED 75% OF THE MINIMUM STATIC TIPPING LOADS NOR 87% OF HYDRAULIC CAPACITIES. CAPACITIES MARKED WITH AN ASTERISK (*) ARE LIMITED BY HYDRAULIC CAPACITIES.
5. THESE RATED CAPACITIES APPLY TO THE MACHINE HAVING 5050 P.S.I. WORKING PRESSURE.
6. LEAST STABLE POSITION IS OVER THE SIDE.
7. THE OPERATOR SHOULD BE FULLY ACQUAINTED WITH THE OPERATOR'S MANUAL AND THE OPERATING SAFETY MANUAL BEFORE OPERATING THE MACHINE.
8. THE RATED CAPACITIES APPLY ONLY TO THE MACHINE AS ORIGINALLY MANUFACTURED AND NORMALLY EQUIPPED BY KOMATSU AND MODIFIED BY YOUNG CORPORATION.