

CDM6485H Hydraulic Excavator Lift Capacity Chart

Boom length: 7060mm, Arm length:3380mm, Counterweight:9520 kg

Do not attempt to lift or hold any load that is greater than these values at their specified lift-point radius and height.

The lift point is the centerline of the bucket pivot mounting pin on the arm.

LFH m	Rated lift capacity kg												
	LFR m												
	3.0		4.5		6.0		7.5		9.0		Lift capacity at max. radius		
	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	Radius
9.0							11973*	10493			11983*	11983*	7.55
7.5							11759*	10532			11524*	8256	8.68
6.0							12334*	10294	11472*	7737	11147	9134	9.44
4.5			11152*	11152*	15756*	13691	13311*	9912	11871*	7567	10198	9492	9.92
3.0			24721*	19075	17794*	12872	15282	9483	11638	7343	9716	6150	10.15
1.5			26703*	18018	19275*	12222	14851	9104	11403	7130	9591	6037	10.16
0			30446*	17696	19820*	11846	14554	8842	11241	6983	9811	6144	9.93
-1.5	31266*	31266*	25085*	17669	19379*	11712	14420	8725	11177	6926	10455	6517	9.47
-3.0	28451*	28451*	22562*	17898	17905*	11773	14267*	8762			11536*	7295	8.72
-4.5	22950*	22950*	18768*	18300	14932*	12032	11340*	9020			11044*	8882	7.6

Capacities marked with an asterisk (*) are limited by hydraulic capacities. See Note 2.

NOTE 1	Lift capacities shown are without the power boost feature engaged.
NOTE 2	Lift capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities.
NOTE 3	The least stable position is over the side.
NOTE 4	Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
NOTE 5	The total mass of the machine is 48200kg without the bucket, and the bucket cylinder. Included in this mass are 600 mm triple grouser shoes,7060 mm boom, 3380 mm arm, 9520 kg counterweight, all operating fluids and a 75 kg operator.
NOTE 6	Lift capacities are in compliance with SAE1097