



OMAHA STANDARD HOIST LIFT CAPACITY

519 DH Applications

BODY LENGTH		CAB-TO-AXLE		OVER-HANG		APPROXIMATE CAPACITY - BODY AND PAYLOAD AT SPECIFIED DUMP ANGLES NTEA CLASS D - CONVERSION HOIST/NTEA CLASS 40 DUMP BODY HOIST									
						35 °		40 °		45 °		50 °		*55 °	
						U.S. ton	metric ton	U.S. ton	metric ton	U.S. ton	metric ton	U.S. ton	metric ton	U.S. ton	metric ton
8.0	2.44	60	152	6	15	16.7	15.1	14.7	13.3	13.2	12.0	11.9	10.8	10.9	9.9
8.5	2.59	60	152	12	30	18.0	16.3	15.9	14.4	14.2	12.9	12.8	11.6	11.8	10.7
9.0	2.74	60	152	18	46	19.5	17.7	17.2	15.6	15.4	14.0	13.9	12.6	12.7	11.5
		72	183	6	15	14.6	13.2	12.9	11.7	11.5	10.4	10.4	9.4	9.5	8.6
9.5	2.90	60	152	24	61	21.3	19.3	18.8	17.1	16.8	15.2	15.2	13.8	13.9	12.6
		72	183	12	30	15.6	14.2	13.7	12.4	12.3	11.2	11.1	10.1	10.2	9.3
10.0	3.05	60	152	30	76	23.4	21.2	20.6	18.7	18.4	16.7	16.7	15.1	15.3	13.9
		72	183	18	46	16.7	15.1	14.7	13.3	13.2	12.0	11.9	10.8	10.9	9.9
		84	213	6	15	13.0	11.8	11.4	10.3	10.2	9.3	9.3	8.4	8.5	7.7
10.5	3.20	72	183	24	61	18.0	16.3	15.9	14.4	14.2	12.9	12.8	11.6	11.8	10.7
		84	213	12	30	13.8	12.5	12.1	11.0	10.8	9.8	9.8	8.9	9.0	8.2
12.0	3.66	84	213	30	76	16.7	15.1	14.7	13.3	13.2	12.0	11.9	10.8	10.9	9.9
		102	259	12	30	11.7	10.6	10.3	9.3	9.2	8.3	8.3	7.5	7.6	6.9
		108	274	6	15	10.6	9.6	9.4	8.5	8.4	7.6	7.6	6.9	6.9	6.3
12.5	3.81	84	213	36	91	18.0	16.3	15.9	14.4	14.2	12.9	12.8	11.6	11.8	10.7
		102	259	18	46	12.3	11.2	10.8	9.8	9.7	8.8	8.8	8.0	8.0	7.3
		108	274	12	30	11.1	10.1	9.8	8.9	8.8	8.0	7.9	7.2	7.3	6.6
14.0	4.27	102	259	36	91	14.6	13.2	12.9	11.7	11.5	10.4	10.4	9.4	9.5	8.6
		108	274	30	76	13.0	11.8	11.4	10.3	10.2	9.3	9.3	8.4	8.5	7.7
14.5	4.42	108	274	36	91	13.8	12.5	12.1	11.0	10.8	9.8	9.8	8.9	9.0	8.2
Mounting Distance (in./cm.)						125.50	318.77	110.50	280.67	98.75	250.83	89.50	227.33	82.00	208.28

* Not a recommended application.

** For installations other than shown in the above chart, consult the factory.

NOTE: All lifting capacity ratings are gross load (body & cargo) and are based on proper body length, overhang, level load, and assume 3" clearance between front of body and back of cab.

⚠ CAUTION: The combined weight of the truck, chassis, hoist, platform, sides, and cargo must not exceed the G.V.W.R. of the vehicle.

Table 2