



DH90 LIFTING CAPACITY

BODY LENGTH	BODY OVERHANG	CAB TO AXLE (CA)	CAB TO TRUNNION (CT)	CAPACITY KEY NO. 6.5	TONS AT DUMP ANGLE BODY & PAY LOAD (3000 P.S.I.)				
					40°	45°	50°	55°	60°
9'	3"	72"			10.5	9.5	8.5	7.5	7
10'	3"	84"			9.5	8.5	7.5	7	6.5
12'	27"	84"			12	10.5	9.5	9	8
APPROXIMATE MOUNTING DISTANCE					84"	75"	68"	62"	57"

"Single Axle" - Capacity based on an evenly distributed load, a 3" truck box to cab clearance and a truck box pivot location 36" behind the center of the truck axle.

"Tandem Axle" - Capacity based on an evenly distributed load, a 3" truck box to cab clearance and a pivot location 53" behind the center of the tandem trunnion.

CAUTION:

The combined weights of the truck chassis hoist and platform (or body) and cargo must not exceed the gross vehicle weight rating (GVWR) of the truck.

To Calculate Lift Capacity

$$\text{Lift} = \frac{\text{M.D.} \times \text{Capacity Key No. (From Table)}}{1/2 \text{ BL} - \text{OH}} = \text{Tons}$$

- M.D. - Hoist Mounting Distance (Ins.)
- BL - Body Length (Ins.)
- OH - Body Overhang (Ins.)