



## TL1522 LIFTING CAPACITY

BODY LENGTH	BODY OVERHANG	CAB TO AXLE (CA)	CAB TO TRUNNION (CT)	CAPACITY KEY NO. 7	TONS AT DUMP ANGLE BODY & PAY LOAD ( 3500 P.S.I.)				
					40°	45°	50°	55°	60°
12'	9"	102"			13	11.5	10.5	9	8.5
13'	15"	108"			13	11.5	10.5	9	8.5
14'	27"	108"			14	12.5	11.5	10	9.5
15'	33"	114"			14	12.5	11.5	10	9.5
16'	33"	124"			13	11.5	10.5	9	8.5
APPROXIMATE MOUNTING DISTANCE					114"	102"	92"	84"	78"

**"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.)