



## TL 2522 LIFTING CAPACITY

BODY LENGTH	BODY OVERHANG	CAB TO AXLE (CA)	CAB TO TRUNNION (CT)	CAPACITY KEY NO. 14	TONS AT DUMP ANGLE BODY & PAY LOAD ( 3500 P.S.I.)				
					40°	45°	50°	55°	60°
13'	9"	114"			23	20.5	18.5	17	15.5
14'	11"	124"	114"		21.5	19.5	17.5	16	15
16'	21"	138"	126"		21	19	17	15.5	14.5
18'	33"	150"	138"		21	19	17	15.5	14.5
18'	27"	156"	144"		19.5	17.5	15.5	14	13.5
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.)