NORDIC

TL2627 LIFTING CAPACITY

BODY LENGTH	BODY OVERHANG	CAB TO AXLE (CA)	CAB TO TRUNNION (CT)	CAPACITY KEY NO. 18	TONS AT DUMP ANGLE BODY & PAY LOAD (3500 P.S.I.)				
					40º	45º	50º	55º	60º
20'	22"		168"		26	23.5	21	19.5	18
20'	16"		174"		24.5	22	20	18	16.5
22'	28"		186"		24.5	22	20	18	16.5
22'	22"		192"		23	20.5	18.5	17	16
24'	28"		210"		22	19.5	18	16	15
APPROXIMATE MOUNTING DISTANCE					143"	128"	115"	106"	98"

"**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.)