NORDIC

C90 LIFTING CAPACITY

BODY LENGTH	BODY OVERHANG	CAB TO AXLE (CA)	CAB TO TRUNNION (CT)	CAPACITY KEY NO. 6	TONS AT DUMP ANGLE BODY & PAY LOAD (3000 P.S.I.)				
					40º	45º	50º	55º	60º
10'	3"	84"			8	7	6.5	6	5.5
11'	15"	84"			9	8	7	6.5	6
12'	27"	84"			10	9	8	7.5	7
APPROXIMATE MOUNTING DISTANCE					77"	69"	62"	57"	53"

"**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.)