Forklift Questionnaire for CLS Installation

NASCO-OP™ Power of Numbers

Company/End User (full name)_____ Contact_____

Address _____ City _____

Phone _____ State/Zip_____

Sales Organization _____ Sales Person _____

FORKLIFT INFORMATION

Make/Model _____Capacity _____

Power (Propane/Gas/Electronic) _____If Electric, what voltage _____

Mast Extension Maximum _____Wheels (rubber/white poly/other)_____

Cargo Lift Scale Model	❑ CLS-420	❑ CLS-920i
NTEP (Legal-for-Trade) Application Class II = 16″H NTEP Approved Class III = 20″H Non Type Approved	❑ Yes	❑ No
Preferred Scale Connection (scale to indicator)	❑ Wired	❑ Wireless
Optional Wireless LAN Card	❑ Yes	❑ No
Optional Bar Code Scanner (920i model only)	❑ Yes	❑ No
Optional Bar Label Printer	❑ Yes	❑ No
Side Shifting Carriage	❑ Yes	❑ No
Does the forklift have any carriage attachments (fork positioner, side shifter, barrel clamp, etc.)	❑ Yes	❑ No

If yes, list attachments: _____

Notes:

Electric forklifts may need additional external power fi ltering to protect our indicators from surges and power spikes that may cause damage. Electric forklifts should be properly grounded for static protection. Forklift capacity must be de-rated when attachments are i nstalled, see capacity reduction calculation page attached

Reference *Figure. 1* below to complete the following questions:

Height of Carriage: _____ inches

Inside Guards: _____ inches

Fork Length: _____ inches

Load Backrest (indicate load backrest fitting):

Not fi tted to carriage:_____ Bolted into side:_____

Bolted into front:_____ Other:_____

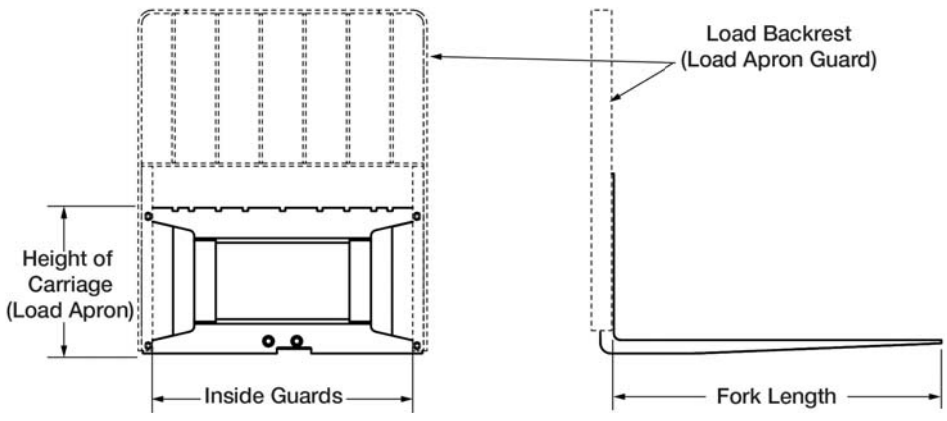

Figure. 1

CAPACITY REDUCTION CALCULATION

While the Cargo Lift Scale will fi t most typical forklifts, there are considerations that must be taken into account prior to installation. Due to the extra weight of the CLS, the net lifting capacity of the forklift is reduced by approximately 10%. Use the formula below to calculate the amount to down-rate the lifting capacity and determine the net capacity of the forklift.

$$\text{Net Capacity} = \frac{A(B + C) - D(E + F)}{E + G + H}$$

Where:

A = Truck basic capacity in pounds

B = Inches from front wheel center line to fork face

C = Inches from fork face to truck rating point (usually 24")

D = Weight of scale in pounds (483 lbs)

E = Inches from front wheel center line to carriage face

F = Inches from carriage face to scale Horizontal Center of Gravity (H CG)

G = J + K (inches from carriage face to rear face of load)

H = Inches from fork face to new truck rating point

J = Thickness of fork

K = Thickness of scale

CLS CLASSES AND ID PLATES

During the initial sale or installation of the CLS, remind your customer that they must have an updated ID plate on their fork-lift stating the new lifting capacity and center of gravity information. This requirement is per OSHA rules and regulations.

	28″	34″	38″
Vertical Center of Gravity (VCG) of Scale =	8.06	8.06	10.15
Horizontal Center of Gravity (HCG) of Scale =	2.09	2.09	2.83
Effective Thickness (ET) of Scale =	4.55	4.55	6.06
Weight of Scale	392	420	987