

CLS-920i® Wired Version

Forklift Scale



Standard Features

Scale Carriage

- Compatible with Class II 16 in (H) or Class III 20 in (H) forklift cleat type carriages
- Out of level NTEP Certified tolerance at seven degrees pitch and roll, three degrees side to side
- 1 1/2 in - thick front and back painted steel plates coupled by four flexures
- Top cleats are welded, pinned and bolted
- Welded centering pin
- Two 5,000 lb s-beam load cells
- Updated iQube²⁰ junction box with inclinometer
- Molded coiled cable, up to 15 ft uncoiled

920i Indicator

- (W x H) 4.6 in x 3.4 in, back lit LCD graphical display (320 pixels x 420 pixels)
- Standard user program with data collection and limited transaction storage. See operators guide for more details.
- Front panel calibration or calibrate through iQUBE²⁰ junction box using Revolution[®] software
- On/Off switch to conserve forklift battery life
- Painted mild steel enclosure
- Two piece top cage indicator mounting assembly with vibration mounts
- Two available RS-232 ports for added options of scanner, Wi-Fi or printer
- 10-60 VDC power supply for use on propane or electric forklifts

Presale Requirements

- Provide completed forklift questionnaire for quotation. A pre-installed load backrest on the forklift may interfere with flexures or wireless load cell interface option
- Compatible with most Class II and Class III forklift attachments, consult factory

Installation Recommendations

- When installing a forklift scale on an electric forklift, static discharge protection must be present on the forklift and install a chassis mount power conditioner to protect forklift electronics.
- When installing a forklift scale, OSHA requires the end user to de-rate the lift capacity of the forklift; see questionnaire for details.

Specifications

Scale Capacity:

28 in and 34 in: 5,000 lb x 5 lb NTEP Certified
38 in: 8,000 lb x 5 lb non-type approved

Scale Power:

Supplied by indicator through coiled interface cable

Scale Material/Finish:

Painted mild steel

920i Power - DC:

Line voltage: 10 – 60 VDC, DC Input
Power consumption: 1.5 A max fused at 5.0 A

920i Operating Temperature:

Legal: 14° F to 104° F (-10° C to 40° C)
Industrial: 14° F to 122° F (-10° C to 50° C)

Wireless LAN Option:

Contains FCC ID: R68WIPORATG
Range: Up to 328 ft indoors
Operating frequency: ISM 2.4 GHz

Warranty:

Two-year limited warranty

Approvals:

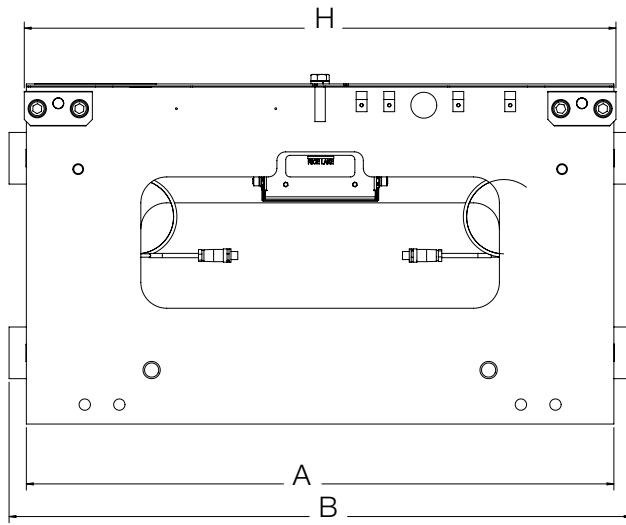
NTEP CC 06-074 (5,000 lb only) per H-44
at 1,000 divisions

APPROVALS

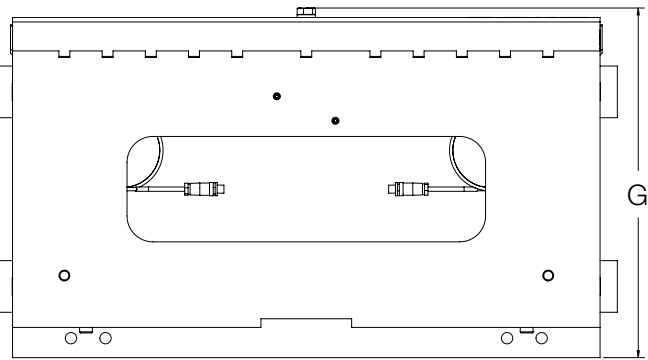


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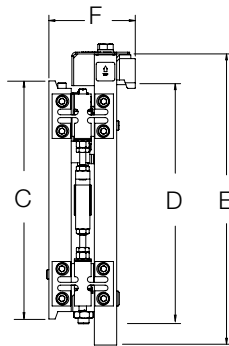
Forklift Scale



Front view



Rear view



Side view

CLS Dimensions

28 in, 5,000 lb

A	28 in (711.2 mm)	E	19.50 in (495.3 mm)
B	30 in (762.2 mm)	F	4.49 in (114 mm)
C	16 in (406.4 mm)	G	21.80 in (553.7 mm)
D	16.29 in (413.8 mm)	H	28.24 in (717.3 mm)

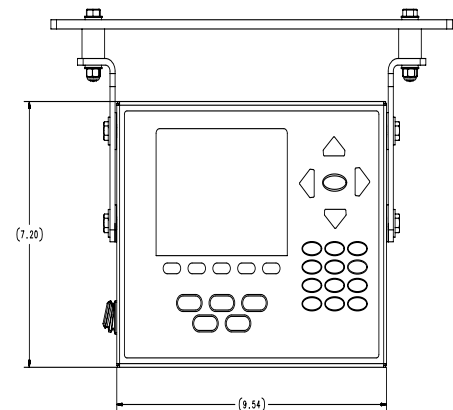
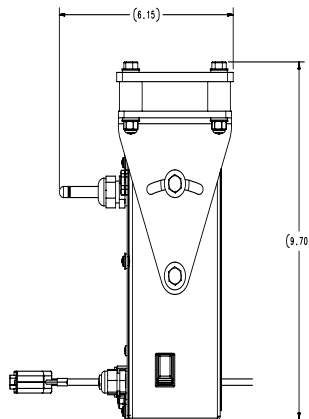
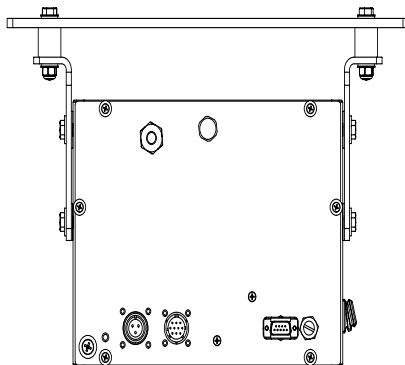
34 in, 5,000 lb

A	34 in (863.6 mm)	E	19.50 in (495.3 mm)
B	36 in (914.4 mm)	F	4.49 in (114 mm)
C	16 in (406.4 mm)	G	21.80 in (553.7 mm)
D	16.29 in (413.8 mm)	H	34.24 in (869.7 mm)

38 in, 8,000 lb

A	38 in (965.2 mm)	E	24.50 in (622.3 mm)
B	40 in (1016 mm)	F	6.04 in (153.4 mm)
C	20 in (508 mm)	G	26.68 in (677.7 mm)
D	20.15 in (511.8 mm)	H	38 in (965.2 mm)

Contact factory for 28 in and 38 in front plate dimensions if adding an attachment.



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Part Number/Price

Part #	Size, Capacity	Forklift Compatibility	Est. Weight	Price
CLS Forklift Scale, 920i Wired Version				
167420	5,000 lb x 5 lb NTEP Certified	28 in W, Class II 16 in (H) forklift carriage (30 in W with flexures) 10-60 VDC	524 lb	Consult
162282	5,000 lb x 5 lb NTEP Certified	34 in W, Class II 16 in (H) forklift carriage (36 in W with flexures) 10-60 VDC	539 lb	Consult
167412	8,000 lb x 5 lb non-Legal for Trade	38 in W, Class III 20 in (H) forklift carriage (40 in W with flexures) 10-60 VDC	1,144 lb	Consult

**Non-NTEP Certified*

If used with electric forklift, manufacturer recommends adding part number 166161 to protect electronics against static

Options/Accessories

The following options and replacement parts below are available to use for the part numbers referenced above.

To order replacement parts and options for products purchased prior to this catalog, contact the factory for assistance.

Part #	Description	Price
96355	Wireless LAN card 802.11 B/G, requires factory installation	Consult
167498	6.5 ft straight extension cable to coiled cable	Consult
188097	5-pin (indicator) to 10-pin (96252) coiled cable adapter	Consult
96252	10-pin black coiled cable, 25 ft use	Consult
162321	Cable assy, coiled cable 5-pin to 10-pin converter	Consult
166161	DC Emi filter, chasis mount, 0-75 VDC input, 100 VDC surge protection	Consult
166162	DC-DC converter, chasis mount, 18-75 VDC input, 12 VDC output	Consult
188193	CLS calibration hook set	Consult
Replacement Parts		
125395	Coiled cable (junction box to indicator), 5-pin yellow	Consult
96915	Power cable assembly with power fuse cable	Consult
130129	Power fuse cable assembly	Consult
166623	RL20000 FLS load cell 5,000 lb 1.5 mV/V 350 ohm with turk connectors	Consult
166756	RL20000 FLS turk load cell connector	Consult
164071	CLS-M/920i iQube®, junction box assembly	Consult