CLS-920i® Wireless Version
Forklift Scale

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 Material/Finish:
Stainless steel

920i Dimensions
(W x L x H): 10.5 in x 11.2 in x 4.5 in
(266 mm x 217 mm x 114 mm)

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

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 iQube²® junction box with inclinometer

920i Indicator

- (W x H) 4.6 in x 3.4 in, backlit 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 iQube²® junction box using Revolution® software
- 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 forklift

802.15 Wireless Load Cell Kit with Rechargeable Smart Lithium Ion Batteries

- 802.15 wireless load cell kit from scale to indicator
- Eliminates coiled cable from junction box to indicator for use with two and three stage masts
- Reinforced battery box welded onto cover plate to withstand harsh forklift environment
- On/Off switch with LED and antenna mounted on the rear of the enclosure
- Battery life, minimum 24 hours constant use with only eight hours to fully charge
- Battery life indication, located on the lithium battery
- Includes two lithium ion smart batteries and charger
- Not intended for outdoor use

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 chasis 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
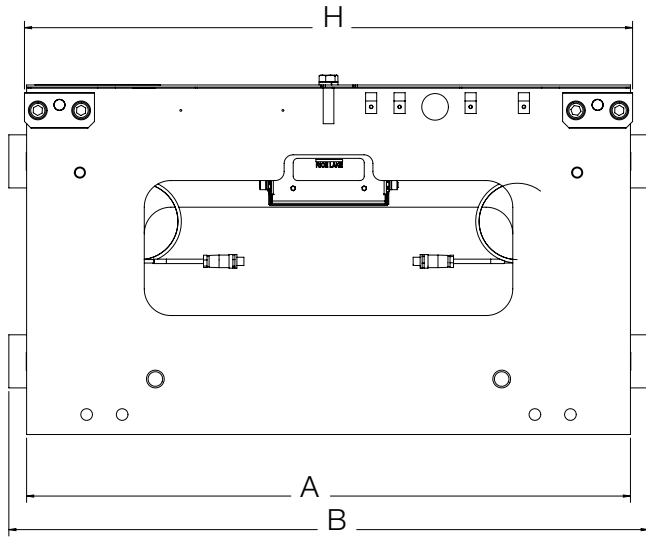
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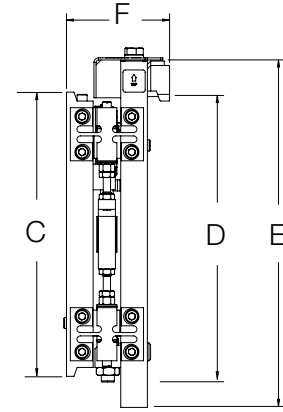
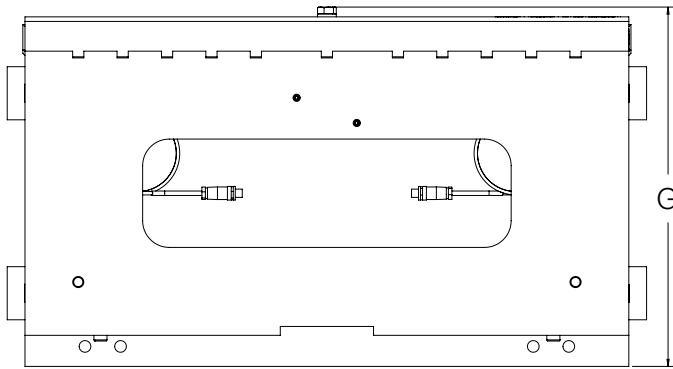**APPROVALS**

CLS-920i® Wireless Version
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Front view

Side view

Rear 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 (622.3 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)

Part Number/Price

Part #	Size, Capacity	Forklift Compatibility	Est. Weight	Price
CLS Forklift Scale, 920i Wireless Version				
167421	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
171809	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
167413*	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	1144 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
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		
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 iQube2®, junction box assembly	Consult
96344	Battery charger	Consult
96343	Battery, forklift lithium ion	Consult

FORKLIFT / PALLET JACK SCALES

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