AutoLift HE

Pit-type, Hostile Environment Stainless Steel Lift Floor Scale

Approvals

Measurement Canada Approved

FM APPROVED

The pneumatic control box must be located in the safe area.

Part Number/Price

Part #	Size (W × L)	Capacity	Est. Weight	Price
42207	4 × 4 ft	2,000 lb (1,000 kg)	640 lb	Consult
42208	4 × 4 ft	5,000 lb (2,500 kg)	640 lb	Consult
42209	4 × 4 ft	10,000 lb (5,000 kg)	750 lb	Consult
42211	5 × 5 ft	2,000 lb (1,000 kg)	830 lb	Consult
42212	5 × 5 ft	5,000 lb (2,500 kg)	830 lb	Consult
42213	5 × 5 ft	10,000 lb (5,000 kg)	1,050 lb	Consult

Options/Accessories

Part #	Description	Price
Consult	Four drilled deck holes for scale height adjustment	Consult
28740	Floor stand for indicator, 36.3 in high stainless steel	Consult

Standard Features

- Includes scale, pit frame, pit coping and pneumatic control box
- Rugged washdown design
- 304 stainless steel construction
- Rigid 304 stainless steel channel frame
- Meets HACCP requirements
- Manual, drop-in-place, safety bar
- Four stainless steel, hermetically sealed, IP69K shear beam load cells
- Load cells protected on all four sides
- 20 ft of SURVIVOR® hostile environment load cell cable
- Smooth stainless steel deck
- Four adjustable stainless steel SUREFOOT™ support feet
- Requires 85 to 100 psi air pressure, opens 43 degrees
- Air lines and pneumatic regulator included; conduit for load cell cable from junction box to indicator is not included

Specifications

End Load Capacity:
100% full scale at 2,000 lb and 5,000 lb
80% full scale at 10,000 lb

Cable Length:
20 ft (6.1 m)

Scale Weldment:
AISI304L, glass bead blasted for even appearance

Junction Box:
TuffSeal® JB4SS stainless steel, NEMA Type 4X junction box with signal trim card

Welding:
Stitch, consult factory if continuous is required

Threaded Eyebolt:
Hole (1/2-20 NF) located in center of deck for easy lifting

Warranty (limited):
Weldment: Five years
Load cells: Two years
All other components: One year

Approvals:
NTEP 92-001
Measurement Canada
FM Approved

Intermediate Frame

Platform Scale

Manual Safety Bar

Pneumatic Cylinder Assembly

Pit Coping

Hinge Pins

43°

.50" Gap All Around (Reference)

Air Line To Pneumatic Control Box

5/16" T-fitting

Pit Coping

Four Load Cell Cables To Junction Box

A

A

Junction Box

Pit Coping Corner Plates

Pivot Brackets

5/16" Clear Polyurethane Tube

Cable from Scale Junction Box to Indicator

Indicator

Up Speed Adjustment Screw

Air Output to Scale

Air Input from Regulator

Up/Down Key Switch

Pneumatic Regulator with 3/8 NPT Input

Pneumatic Regulator

Pneumatic Control Box (See Internal Diagram at Right)

Exhaust

Down Speed Adjustment Screw

WARNING