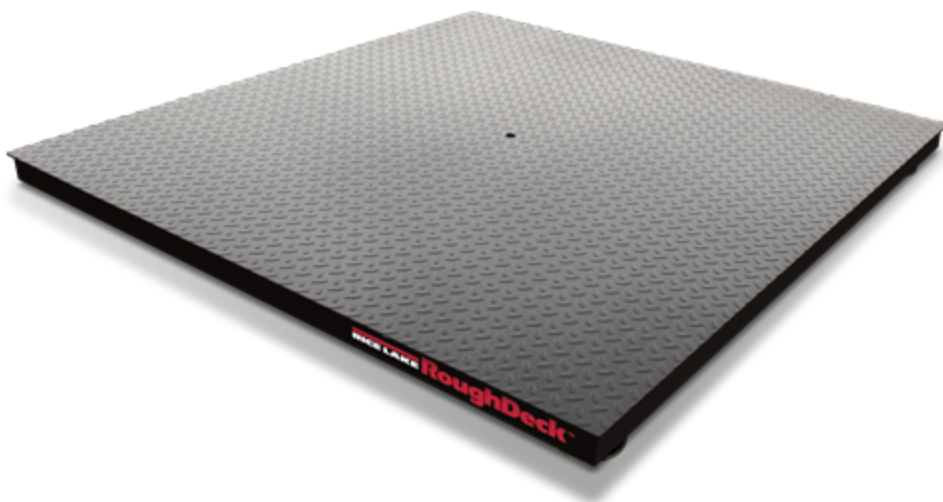


RoughDeck® HP-H Heavy Capacity Floor Scale



As of: Wednesday, February 12, 2025



Standard Features

- Heavy-duty industrial design
- Structural steel channel frame
- Four NTEP Certified alloy steel, shear beam load cells
- 20 ft SURVIVOR® EL147HE hostile environment load cell cable
- Side-access junction box
- Rugged diamond safety treadplate deck
- Four adjustable mild steel SUREFOOT™ support feet

Approvals



Measurement
Canada
Approved





WARNING:
Cancer
and
Reproductive
Harm
California
Proposition
65

The Most Accurate Heavy-capacity Floor Scale Available

RoughDeck HP-H heavy-capacity floor scales deliver reliable performance for Legal for Trade applications with capacities ranging from 20,000 to 30,000 pounds.

The RoughDeck HP-H has a NEMA Type 4 aluminum TuffSeal® junction box mounted on a slide-out tray to simplify setup and maintenance. The junction box is secured in a structural steel channel frame to help protect the electronics from harsh industrial environments. All load cells are also mounted within the steel channel with easy access to leveling, and load cell cables are enclosed in conduit to reduce the danger of rough handling.

RoughDeck HP-H Floor Scale Specifications

End Load Capacity:

100% full scale at 20,000 lb
66% full scale at 30,000 lb

Cable Length:

20 ft (6.1 m) for connecting
junction box to indicator

Junction Box:

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

Welding:

Stitch

Threaded Eyebolt:

Hole (3/4-10 NC) located in center
of deck for easy lifting

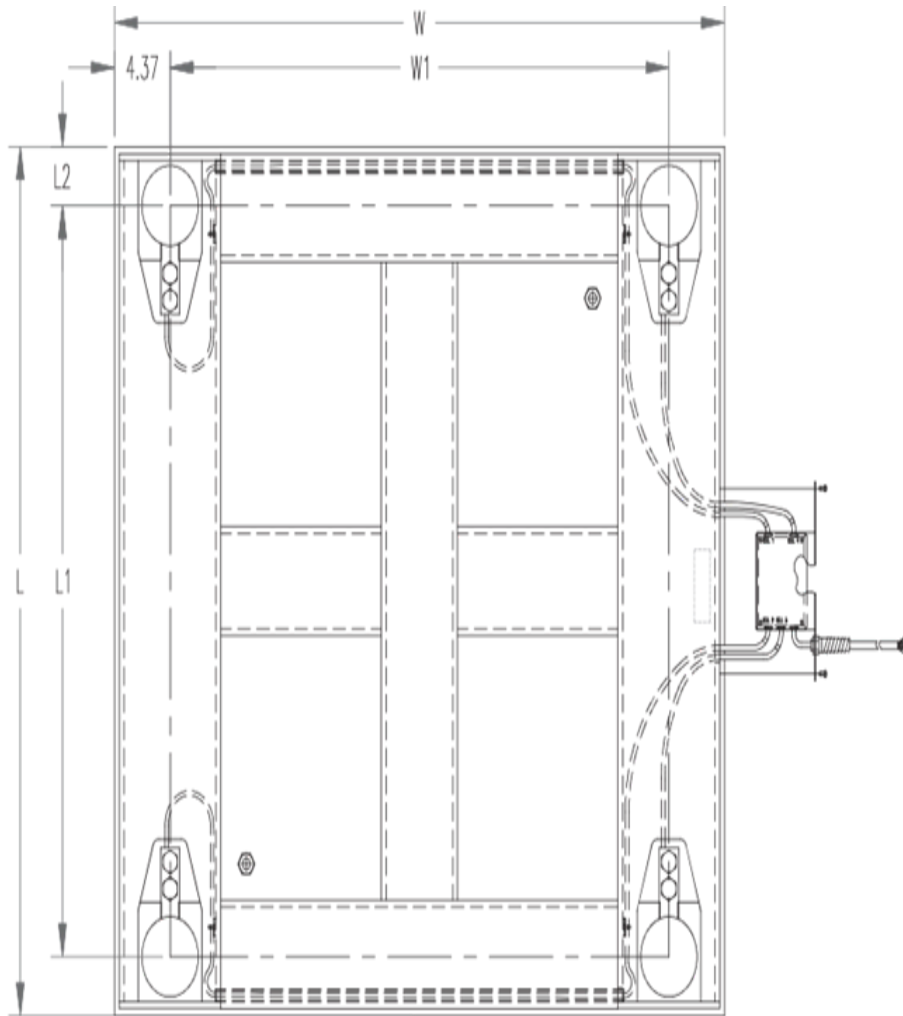
Warranty (limited):

Weldment: Five-year
Load cells: Two-year
All other components: One-year

Approvals:

NTEP CC 92-001, Class III, 5,000
d
Measurement Canada AM-5284
(Only capacities greater than
10,000 kg)

RoughDeck HP-H Floor Scale Dimensions



Dimensions				
Length	L1	W	W1	H
20,000 Capacity				
48.00 in	41.50 in	48.00 in	39.25 in	4.00 in
60.00 in	53.50 in	48.00 in	39.25 in	4.00 in
72.00 in	65.50 in	48.00 in	39.25 in	4.00 in
84.00 in	77.50 in	48.00 in	39.25 in	4.00 in
60.00 in	53.50 in	60.00 in	51.25 in	4.00 in
72.00 in	65.50 in	60.00 in	51.25 in	4.00 in
84.00 in	77.50 in	60.00 in	51.25 in	4.00 in

72.00 in	65.50 in	72.00 in	63.25 in	4.00 in
96.00 in	89.50 in	72.00 in	63.25 in	4.00 in
180.00 in	101.50 in	84.00 in	75.25 in	4.00 in
120.00 in	113.50 in	84.00 in	75.25 in	4.00 in
120.00 in	113.50 in	96.00 in	87.25 in	4.00 in
Length	L1	W	W1	H
30,000 Capacity				
48.00 in	40.50 in	48.00 in	39.25 in	5.00 in
60.00 in	52.50 in	48.00 in	39.25 in	5.00 in
72.00 in	64.50 in	48.00 in	39.25 in	5.00 in
84.00 in	76.50 in	48.00 in	39.25 in	5.00 in
60.00 in	52.50 in	60.00 in	51.25 in	5.00 in
84.00 in	76.50 in	60.00 in	51.25 in	5.00 in
72.00 in	64.50 in	72.00 in	63.25 in	5.00 in
120.00 in	112.50 in	84.00 in	75.25 in	5.00 in
120.00 in	112.50 in	96.00 in	87.25 in	5.00 in
<i>Note: 1 in = 25.4 mm</i>				

Parts

Part # **Description**

With Quick Connector - NTEP Approved

66474	Scale,Floor Roughdeck 4x4HP-20K 4ftx4ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66475	Scale,Floor Roughdeck 4x5HP-20K 4ftx5ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66476	Scale,Floor Roughdeck 4x6HP-20K 4ftx6ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66477	Scale,Floor Roughdeck 4x7HP-20K 4ftx7ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66478	Scale,Floor Roughdeck 5x5HP-20K 5ftx5ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66479	Scale,Floor Roughdeck 5x6HP-20K 5ftx6ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66480	Scale,Floor Roughdeck 5x7HP-20K 5ftx7ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66481	Scale,Floor Roughdeck 6x6HP-20K 6ftx6ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66482	Scale,Floor Roughdeck 6x8HP-20K 6ftx8ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66483	Scale,Floor Roughdeck 7x9HP-20K 7ftx9ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66484	Scale,Floor Roughdeck 7x10HP-20K 7ftx10ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66485	Scale,Floor Roughdeck 8x10HP-20K 8ftx10ftx4 20,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66486	Scale,Floor Roughdeck 4x4HP-30K 4ftx4ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66487	Scale,Floor Roughdeck 4x5HP-30K 4ftx5ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66488	Scale,Floor Roughdeck 4x6HP-30K 4ftx6ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66489	Scale,Floor Roughdeck 4x7HP-30K 4ftx7ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66490	Scale,Floor Roughdeck 5x5HP-30K 5ftx5ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66491	Scale,Floor Roughdeck 5x7HP-30K 5ftx7ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66492	Scale,Floor Roughdeck 6x6HP-30K 6ftx6ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted
66493	Scale,Floor Roughdeck 7x10HP-30K 7ftx10ftx5 30,000 LB w/ Quick Connect NTEP III 5 Steel Painted
66494	Scale,Floor Roughdeck 8x10HP-30K 8ftx10ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted

With Quick Connector - Canadian Weights and Measures Approved)

Part #	Description
197355	Scale,Floor Roughdeck 4x4HP-30K 4ftx4ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197356	Scale,Floor Roughdeck 4x5HP-30K 4ftx5ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197357	Scale,Floor Roughdeck 4x6HP-30K 4ftx6ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197358	Scale,Floor Roughdeck 4x7HP-30K 4ftx7ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197359	Scale,Floor Roughdeck 5x5HP-30K 5ftx5ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197360	Scale,Floor Roughdeck 5x7HP-30K 5ftx7ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197361	Scale,Floor Roughdeck 6x6HP-30K 6ftx6ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197363	Scale,Floor Roughdeck 7x10HP-30K 7ftx10ftx5 30,000 LB w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197364	Scale,Floor Roughdeck 8x10HP-30K 8ftx10ftx5 30,000LB 20ft w/ Quick Connect NTEP III 5 Steel Painted Measurement Canada approved

Without Quick Connector - NTEP Approved

67717	Scale,Floor Roughdeck 4x4HP-20K 4ftx4ftx4 20,000lb 20ft w/o Quick Connect NTEP III 5 Steel Painted
67718	Scale,Floor Roughdeck 4x5HP-20K 4ftx5ftx4 20,000lb 20ft w/o Quick Connect NTEP III 5 Steel Painted
67719	Scale,Floor Roughdeck 4x6HP-20K 4ftx6ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67720	Scale,Floor Roughdeck 4x7HP-20K 4ftx7ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67721	Scale,Floor Roughdeck 5x5HP-20K 5ftx5ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67722	Scale,Floor Roughdeck 5x6HP-20K 5ftx6ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67723	Scale,Floor Roughdeck 5x7HP-20K 5ftx7ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67724	Scale,Floor Roughdeck 6x6HP-20K 6ftx6ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67725	Scale,Floor Roughdeck 6x8HP-20K 6ftx8ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67726	Scale,Floor Roughdeck 7x9HP-20K 7ftx9ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67727	Scale,Floor Roughdeck 7x10HP-20K 7ftx10ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted

Part #	Description
67728	Scale,Floor Roughdeck 8x10HP-20K 8ftx10ftx4 20,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67729	Scale,Floor Roughdeck 4x4HP-30K 4ftx4ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67730	Scale,Floor Roughdeck 4x5HP-30K 4ftx5ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67731	Scale,Floor Roughdeck 4x6HP-30K 4ftx6ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67732	Scale,Floor Roughdeck 4x7HP-30K 4ftx7ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67733	Scale,Floor Roughdeck 5x5HP-30K 5ftx5ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67734	Scale,Floor Roughdeck 5x7HP-30K 5ftx7ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67735	Scale,Floor Roughdeck 6x6HP-30K 6ftx6ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67736	Scale,Floor Roughdeck 7X10HP-30K 7ftx10ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted
67737	Scale,Floor Roughdeck 8x10HP-30K 8ftx10ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted

Without Quick Connector (Canadian Weights and Measures Approved)

197365	Scale,Floor Roughdeck 4x4HP-30K 4ftx4ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197366	Scale,Floor Roughdeck 4x5HP-30K 4ftx5ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197367	Scale,Floor Roughdeck 4x6HP-30K 4ftx6ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197368	Scale,Floor Roughdeck 4x7HP-30K 4ftx7ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197369	Scale,Floor Roughdeck 5x5HP-30K 5ftx5ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197376	Scale,Floor Roughdeck 6x6HP-30K 6ftx6ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197377	Scale,Floor Roughdeck 7X10HP-30K 7ftx10ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197378	Scale,Floor Roughdeck 8x10HP-30K 8ftx10ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved
197375	Scale,Floor Roughdeck 5x7HP-30K 5ftx7ftx5 30,000LB 20ft w/o Quick Connect NTEP III 5 Steel Painted Measurement Canada approved

Options

Part #	Description
40387	Mounting Plate Set, ROUGHDECK 20,000lb Steel Painted
40388	Mounting Plate Set, ROUGHDECK 30,000lb Steel Painted
19352	Floor Stand,Indicator Steel Painted (36.3in) For 120/120 Plus, 882IS/882IS Plus, 882IS/882IS Plus w/battery, 880/880Plus, 480/480 Plus, 482/482 Plus, 680/682 Synergy, 380/380X Synergy, 381 Synergy
126384	Floor Stand,Indicator Steel Painted (48in.) For 120/120 Plus, 882IS/882IS Plus, 882IS/882IS Plus w/battery, 880/880 Plus, 480/480 Plus, 482/482 Plus, 680/682 Synergy, 380/380X Synergy, 381 Synergy
Consult	Access ramps, pit frames, bumper guards and portability frames available
Consult	Smooth deck instead of diamond safety tread plate
Consult	Four drilled deck holes for scale height adjustment
Consult	Mild steel deck with RL32018S IP66 stainless steel cFMus approved load cells and hardware
Consult	Mild steel deck with RL32218S-HE welded-seal IP69K stainless steel cFMus approved load cells and hardware
Consult	Epoxy paint
Consult	Top access junction box

Replacement Parts

Part #	Description
88956	J-Box,JB4SS 4 Channel Signal Trim with Expansion, w/PG 7 cord grips for load cells, Stainless Steel Nema 4X FM Approved
91895	Cable ASSY,Mini Conx Fem W/ 17 Inch EL146HE Survivor Cable 6 Socket
66454	Cord Grip,Snap inStraight .360-.430 Cord Dia. .750 Dia. Hole Black Nylon
15611	Cable Assy,6 Conductor 20ft Long, EL147HE, Used On Roughdeck
53640	Cable ASSY,Mini Conx M w/ 20' EL146HE Survivor Cable
92437	Coverplate,J-Box for side access floor scales, painted black.
14877	Screw,Machine 10-32NF x 3/8 Slotted Drilled Fillister Head 18-8 SST
15658	Mount,Cable Tie 1in Square Nylon
15631	Cable Tie,3in Nylon
15071	Screw,Cap 1/2-20NF x 1.939 Hex Head Zinc Plated Steel Tolerances Length= +0/-0.031
40337	Screw,Cap 3/4-16NF x 2-1/4 Hex Head Fully Threaded Grade 5 Steel Zinc Plated
18756	Foot,Floor Scale SUREFOOT 1/2-20NFx3.47DIAx2.62 SST stem and Neoprene Rubber bottom
39021	Foot ASSY,20k Floor Scale
39022	Foot ASSY,30k Floor Scale
189152	Load Cell,SEB RL32018- 1000lb 20ft 3mv/v 350 Ohm NTEP III 5M Alloy FM WW IP66
189154	Load Cell,SEB RL32018- 2500lb 20ft 3mv/v 350 Ohm NTEP III 5M Alloy FM WW IP66
189156	Load Cell,SEB RL32018- 4000lb 20ft 3mv/v 350 Ohm NTEP III 5M Alloy FM WW IP66
189159	Load Cell,SEB RL32018- 10000lb 20ft 3mv/v 350 Ohm NTEP III 5M Alloy FM WW IP66
18777	Mounting Plate Set, Roughdeck 1,000-10,000 lb Steel Painted
40387	Mounting Plate Set, ROUGHDECK 20,000lb Steel Painted
40388	Mounting Plate Set, ROUGHDECK 30,000lb Steel Painted
15051	Screw, Set 1/2-20NF x 3/4 Hex Socket Cup Point Alloy Steel Black Oxide
15410	Level,Spirit Bubble Plastic 15mm Press Fit

Part #	Description
---------------	--------------------

14957	Screw,Cap 1/4-20NC x 1/2 Hex Socket Flat Countersunk Head Alloy Steel Black Oxide
--------------	---

15022	Screw,Cap 3/8-16NC x 1 Hex Socket Flat Countersunk Head Alloy Steel Black Oxide
--------------	---

www.ricelake.com | 800-472-6703

An ISO 9001 Registered Company ©2024 Rice Lake Weighing Systems