

RoughDeck[®] HP Wireless Portability Frames

WITH WIRELESS SENDIT INTERFACE SYSTEM



RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703
www.ricelake.com

Scale Communication Made Easy

Wirelessly capture floor scale data with a durable, straightforward system.

Optimize your business with a wireless, portable floor scale system to give your operations the flexibility you need. The SENDit wireless interface is paired with one of two floor scale frames, giving you the choice of a system to fit your processes. This system is designed to be used with RoughDeck® HP floor scales and can be paired with a variety of indicators to create a non-Legal for Trade weighing system. For a Legal for Trade system, pair the wireless floor scale frame with Rice Lake's MSI-8004HD indicator.

The frames are constructed of durable, powder coated mild steel to withstand tough industrial environments. The SENDit transmitter, battery and wires are protected in a drawer during operation that can be easily and quickly accessed.



FORKLIFT POCKETS

Forklift Frame

The forklift frame is designed with integrated channels for forklift tines to fit into.

Floor scale is sold separately.

Frame Dimensions

- 4 ft x 4 ft
- 5 ft x 5 ft



BACK LOCKING CASTERS

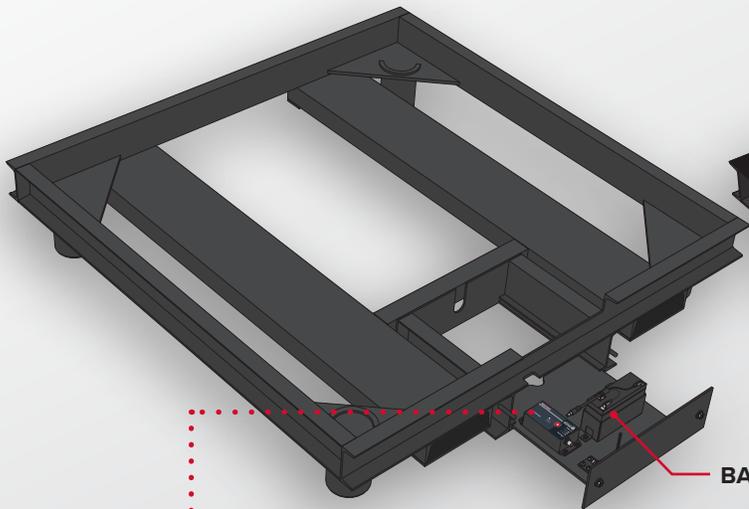
Castor Frame

The frame utilizes four rigid forged steel castors with locks on the back two wheels. A handle allows the operator to control placement of the scale system, taking it directly where it is needed.

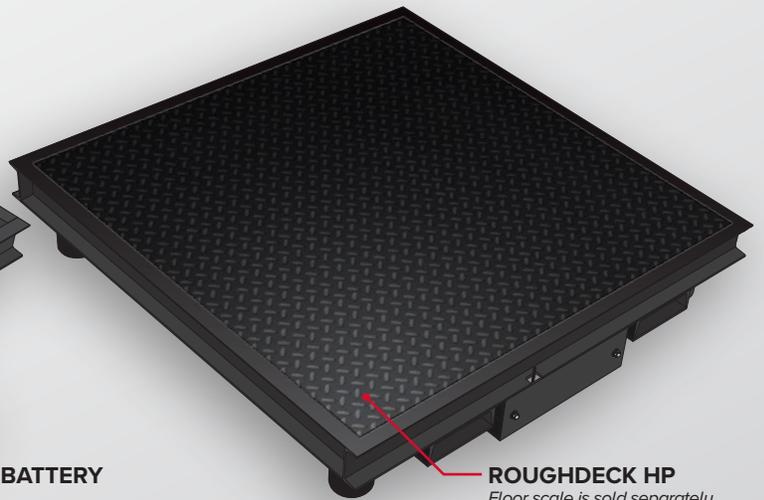
Floor scale is sold separately.

Frame Dimensions

- 2.5 ft x 2.5 ft
- 3 ft x 3 ft
- 4 ft x 4 ft
- 5 ft x 5 ft



BATTERY



ROUGHDECK HP
Floor scale is sold separately.

Legal for Trade Systems

To create a Legal for Trade system, the SENDit transmitter must be paired with Rice Lake's MSI-8004HD remote display. The MSI-8004HD features an LED display available in either red or green, allowing weights to be clearly visible in many environments.



The red/green display on the MSI-8004HD can be configured to change color based on weight and setpoint conditions, making it an ideal solution for checkweighing products. The milled anodized aluminum, IP65-rated enclosure includes a mount.



SENDit Wireless Load Cell Interface

Simplifying data communication, SENDit wirelessly transmits load cell signals from a scale or junction box to a remote indicator or display. SENDit allows indicators or displays to be placed a safe distance from busy processing floors, keeping electronics safe during operation.

SENDit is easy to use with straightforward functionality and can be paired with a wide variety of indicators through its receiver. An IP66 rating provides rugged durability so SENDit can meet the demands of industrial weighing.



RoughDeck HP

Wireless Portability Frames

WITH WIRELESS SENDIT INTERFACE SYSTEM

NTEP System

NTEP STANDARD FEATURES

- Wireless connection from scale to operator display
- Excitation to the load cell(s) provided by the transmitter, not the indicator
- Each transmitter/receiver set is individually paired and will not interfere with another set
- Estimated battery life of 100 hours
- Two set points with Red/Green display for operator verification
- Optional audible alarm



Non-NTEP System

STANDARD FEATURES

- Wireless connection from scale to operator display
- Works with any basic digital weight indicator
- Excitation to the load cell(s) provided by the transmitter, not the indicator
- Each transmitter/receiver set is individually paired and will not interfere with another set



SENDit WIRELESS LOAD CELL INTERFACE SYSTEM SPECIFICATIONS

POWER:	5-6 VDC
EXCITATION VOLTAGE:	Transmitter: +4.8 VDC, 16x 350 ohm or 32x 700 ohm load cells
FREQUENCY:	Direct sequence spread spectrum at 2.4 GHz, 802.15.4 license free
EFFECTIVE RANGE:	Typically 100-300 ft, line of sight. For longer range, consult factory
OPERATING TEMPERATURE:	-40°F to 185°F (-40°C to 85°C) Legal for Trade: 14°F to 104°F (-10°C to 40°C)
ENCLOSURE:	NEMA Type4 (IP66), aluminum black powder coated (excludes wall cube model)
WARRANTY:	Two-year limited
APPROVAL:	NTEP CC #15-109

MSI-8004HD INDICATOR/RF LED REMOTE DISPLAY SPECIFICATIONS

DISPLAY:	Six-digit, 1.5 in (38 mm) LED display with red/green coloring window
ENCLOSURE:	NEMA Type 4, IP65 milled anodized aluminum
KEYPAD:	On/Off, Zero, Tare, Print and two user-defined keys
FUNCTIONS:	Peak hold, high resolution, total, view total, net/gross, units switching
ANNUNCIATORS:	Stable, CO2, peak, kg, kN, lb, M, ton, setpoint, function LEDs
POWER:	90-267 VAC, 9-36 VDC, 18-72 VDC, 120-300 VDC
OPERATING TEMPERATURE:	-4° F to 140° F (-20° C to 60° C) Legal for Trade: 23° to 104° F (-5° C to 40° C)
RF REMOTE CHANNELS:	Up to 4 remote sensors monitored individually, in pairs or sum all (non-A/D version only) (when used with TranSend)
EXCITATION:	4.8 V current limited and over-voltage protected
RF RADIO LINK:	2.4 GHz 802.15.4, optional second channel for Serial RF, 802.11 Wi-Fi, cellular connectivity
RF EFFECTIVE RANGE:	Typically 100 ft – 300 ft, line of sight, for longer range consult factory
WARRANTY:	One-year limited warranty
APPROVALS:	NTEP CC #17-036

SENDit WIRELESS LOAD CELL INTERFACE SYSTEM SPECIFICATIONS

POWER:	5-6 VDC
EXCITATION VOLTAGE:	Transmitter: +4.8 VDC, 16x 350 ohm or 32x 700 ohm load cells
FREQUENCY:	Direct sequence spread spectrum at 2.4 GHz, 802.15.4 license free
EFFECTIVE RANGE:	Typically 100-300 ft, line of sight. For longer range, consult factory
OPERATING TEMPERATURE:	-40°F to 185°F (-40°C to 85°C)
ENCLOSURE:	NEMA Type4 (IP66), aluminum black powder coated (excludes wall cube model)
WARRANTY:	Two-year limited

Pair with a Durable RoughDeck

The SENDit wireless floor scale frame is designed to fit many of the standard RoughDeck floor scale sizes.



Superior Structural Design

The RoughDeck design minimizes deflection of the deck and feet for greater accuracy and repeatability with every weighing. RoughDeck carries a full five-year warranty on the deck structure.

Load Cell and Cable Protection

Load cells are recessed within the channels, and conduit lies within the channels to help protect from damage.

TuffSeal Junction Box Protects Circuitry

Stainless steel TuffSeal junction boxes are specifically designed to protect sensitive circuitry by preventing moisture access and equalize pressure inside the box.

SALES AND TECHNICAL ASSISTANCE

RICE LAKE
WEIGHING SYSTEMS

HEADQUARTERS
230 West Coleman Street
Rice Lake, Wisconsin 54868 - USA
Tel: (715) 234 9171 | Fax: (715) 234 6967
www.ricelake.com