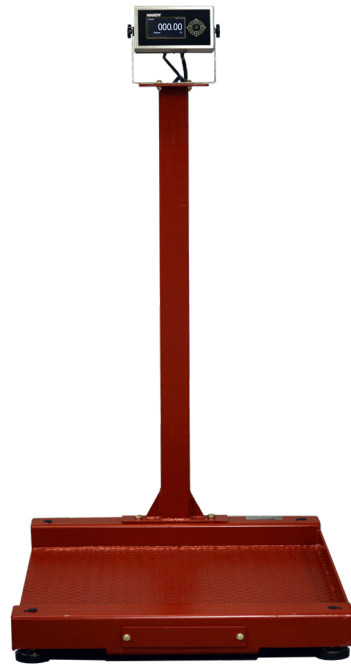


Hardy Drum Scales HIDS

Applications

PROCESS WEIGHING

- Inventory Management
- Check Weighing
- Shipping



Features

Built-In Access Ramp

- 1.5" Access Ramp allows for easy loading/unloading with a dolly

Load Cells

- Stainless Steel, 350 Ohms, 2.0mV/V (Stainless Steel)

Capacities

- 500, 1,500 and 3,000 lbs

Internal Summing Card

HI6011 summing Card

100% End Loading



Hardy load tested the 1,500 lb capacity scale to 3000 lbs using test weights with no degradation in performance or accuracy.

Hardy's new HIDS Drum scales are accurate, rugged and reliable floor scales provide value and flexibility while optimized for weighing industrial drums.

Available in two sizes from 30 x 30 inch to 36 x 36 inches in 500, 1,500 and 3,000 lb capacities.

EASY WASHDOWN & INSTALLATION

HIDS Drum Scales are designed and built for industrial environments, including washdown. Incredibly easy to install and use; just level the deck, attach the included cable to AC power, calibrate (if a C2[®] compatible instrument, set your reference), verify and begin weighing.

C2[®] ELECTRONIC CALIBRATION

Used with a Hardy weight processor or controller, C2 enables fast, accurate, electronic calibration without test weights. The C2 system reduces downtime for installation or repairs and eliminates test weight related injuries. A small weight verifies

INTEGRATED TECHNICIAN[®]

Each scale has built-in INTEGRATED TECHNICIAN (IT) circuitry. Coupled with a Hardy controller or instrument, the scale provides diagnostic and

troubleshooting tools that read individual weights and voltages from each load cell to aid you in isolating problems and ensure the integrity of your scale system.

STAINLESS STEEL LOAD SENSORS

The heart of any scale is the load sensors. All HIDS Scales come standard with four matched stainless steel, IP67 and calibrated for mV/V and mV/V/ohm. This eliminates the need for corner adjustment and potentiometers in the junction box, allowing a sensor to be replaced without calibration. With a threaded hole into which the load cell foot is attached, the load is applied at a precise location to provide an accurate reading, weightment after weightment.

RUGGED, LOW PROFILE DESIGN

With a deck height of only 1.5" inches and 100% end loading, these floor scales enable easy, slide on/slide off access for easy drum handling and three raised sides to ensure the drum is centered on the Scale.

SERVICE BY DESIGN

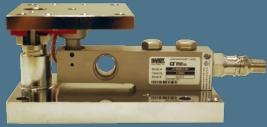
Along with C2 and INTEGRATED TECHNICIAN, HIDS Drum Scales feature a top access plate for quick and easy access to the Hardy 6011 Summing Card, ensuring that general maintenance is easier and more time-efficient.

COMPONENTS TO COMPLETE YOUR HARDY SYSTEM

Hardy Bench Scales, Floor Scales and Load Points

Hardy carries a wide variety of strain gauge load points and scale mounts to accommodate your application requirements.

ADVANTAGE Series with C2 Calibration



Bench & Floor Scales



Weighing Instruments Dedicated to Your Applications

Controllers, Weigh Modules, Weight Processors & Transmitters

Allen-Bradley® Compatible Plug-in Weigh Scale Modules



HI 3000 & HI 4000 Controllers and HI 6000 Series Weight Processors



SPECIFICATIONS

Platform

- Safety tread deck or smooth deck

Deck Height

- 1.5 inches (3.8 cm) with adjustable feet

Overload Capacity

- 200% of rated scale capacity

End Loading

- 100% of rated scale capacity

Cable Length

- Platform to Instrument - 20 feet (for longer cable lengths, contact the Factory)

Construction

- Painted Carbon Steel with Alkyd Enamel Paint
- 2 to 4 mil top coat

Load Sensors

- HISLB C2® 17-4PH stainless steel
- IP67 Environmentally Sealed

Summing Card

- NEMA 4X Hardy HI6011 Summing Card

Power Rating Load Cells

- 5 VDC, Class 2 source, max. 50 mA

Hardy 6011IT Summing Card

- 4 Individual load sensor terminal blocks with integrated cable glands
- INTEGRATED TECHNICIAN® circuitry

Scale Excitation

- 5vdc +/-5%

Accuracy

- Combined Error: 0.02%
- Repeatability: 0.01%

Certifications

- CE • RoHS and REACH Compliant

Warranty

- Two year limited warranty

ORDERING OPTIONS

- PS Painted Steel Platform Top (Standard)
- SS Stainless Steel Platform Top (Special Order)
- T Tread Plate Platform Top
- S Smooth Platform Top



An optional HI6500SME Swivel Mount Enclosure mounted on an HIDS1 Indicator Column. Look for new Swivel Mount Enclosures for Hardy Scales in the future.

Also Available: Hardy Floor Scales & Hardy Lift Deck Floor Scales

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STANDARD SIZES AND CAPACITIES

All Hardy HIDS Drum Scales come standard in Painted Steel (PS) and Tread Deck (T). Smooth deck (S) is available with a longer lead time. They can be special ordered in Stainless Steel (SS).

PART NUMBER	STANDARD SIZE feet/cm	CAPACITY lb/kg	DECK HEIGHT in/cm	SHIP WGT lb/kg
HIDS-3030-500LB-PS-T HIDS-3030-500LB-PS-S	30" x 30" / 76 x 76 cm	500/226	1.5/3.8 cm	176/80
HIDS-3030-1500LB-PS-T HIDS-3030-1500LB-PS-S	30" x 30" / 76 x 76 cm	1500/680	1.5/3.8 cm	176/80
HIDS-3030-3000LB-PS-T HIDS-3030-3000LB-PS-S	30" x 30" / 76 x 76 cm	3000/1360	1.5/3.8 cm	176/80
HIDS-3636-500LB-PS-T HIDS-3636-500LB-PS-S	36" x 36" / 91.5 x 91.5 cm	500/226	1.5/3.8 cm	176/80
HIDS-3636-1500LB-PS-T HIDS-3636-1500LB-PS-S	36" x 36" / 91.5 x 91.5 cm	1500/680	1.5/3.8 cm	176/80
HIDS-3636-3000LB-PS-T HIDS-3636-3000LB-PS-S	36" x 36" / 91.5 x 91.5 cm	3000/1360	1.5/3.8 cm	176/80

HISLB SENSOR SPECIFICATIONS

HISLB C2® FM Certified, Stainless Steel Shear Beams with HIHARF8 feet are environmentally sealed for use inside Hardy HIDS Drum Scales. They are suitable for use in industrial environments.

- IP67 Rating
- 2 mV/V, 1,100 Ohm with Combined Error: 0.02%
- Threaded Type with C2®
- Accuracy Class III
- Cable Length 10 ft.
- Repeatability: 0.01%

HARDY DRUM SCALE ACCESSORIES

Enables you to easily configure a solution to meet your individual applications!

HIDSR Series Access Ramps

- HIDSR-3012-PS-T Tread Ramp for 30" Scales
- HIDSR-3012-PS-S Smooth Ramp for 30" Scales
- HIDSR-3612-PS-T Tread Ramp for 36" Scales
- HIDSR-3612-PS-S Smooth Ramp for 36" Scales

Threaded Foot

- HIHARF8 threads 1/2-20 UNF - 2B

Indicator Columns

- HIDS1 Indicator Column 48.25 inches high (mounts to scale)
- HIFSI-48-PS Indicator Column 48 inches high (mounts to floor)



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