

# HI 6500 & HI 6300 Series Swivel Mount Weight Processors

## PROCESS WEIGHING Applications

- **Vessel Scales**
- **Net/Gross Fillers**
- **Bench & Floor Scales**



## Features

### THE HARDY PROCESS TOOLBOX

The Hardy Process Toolbox is a set of productivity tools that delivers value across process weighing functions. Each tool saves time, increases accuracy, improves efficiency or reduces risk in your process weighing applications.



**Electronic calibration without test weights**



**Weighing system monitoring, diagnostics and troubleshooting**



**Vibration immunity from mechanical noise**



**Easy to configure and setup with a Rockwell Automation PLC**

**Rockwell Add-on-Profile  
 (HI 6500 Only)**

### RUGGEDIZED DESIGN

The Hardy Swivel Mount Enclosure is designed to withstand the most demanding industrial environments. Made in the USA using 16 gauge Stainless Steel, the enclosure is rated for IP66/NEMA4X environmental conditions and is delivered containing either a Hardy HI 6500 or HI 6300 series weight processor. The large, high-contrast LCD display that makes the instrument easy to view and simple to use is protected from impact by a polycarbonate window behind a water-tight membrane. The tactile button cluster in the display eliminates accidental triggering caused by wipe-down sanitizing and harsh water-jet cleaning.

### SIMPLE INSTALLATION

Featuring an extra-large base, the Hardy Swivel Mount Enclosure can be permanently mounted on both vertical and horizontal surfaces or simply left free-standing on a table top. The swivel mount base installs with just 4 mounting holes that match Hardy's bench and floor pedestals, leaving plenty of solid surface area to drill a custom hole-pattern that suits any specific installation requirements.

### EASY SETUP AND CALIBRATION

Both the HI 6500 and HI 6300 versions come with Hardy's Setup WIZARD that guides users step-by-step through instrument set up and calibration. Use Hardy's C2 sensors for

automatic system calibration and scale verification to save hours in commissioning and routine maintenance. The high-definition LCD display with a 140 degree viewing angle makes instrument use easier than ever with Help Text available at the press of a button. Use the Hardy embedded Webserver to remotely monitor, diagnose, or control your instrument from anywhere on your network.

### LOW POWER CONSUMPTION

Each instrument consumes just 5 watts nominal and 8 watts max, saving energy costs while driving up to 8 load points.



*The Hardy SME coupled with an indicator column and a Hardy Bench or Floor Scale is ideal for packaging food items or for shipping.*

## 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 bases to accommodate your application requirements.



ADVANTAGE Series Load Point with C2 Calibration



Hardy Bench Scales

### Weighing Instruments Dedicated to Your Applications

Controllers, Weigh Modules, Transmitters

Allen-Bradley® Compatible Plug-in Weigh Scale Modules



HI 3000 & HI 4000 Controllers and HI 6000 Series



## SPECIFICATIONS

### Enclosure:

- IP66/NEMA 4X tested
- 16 gauge 304 Stainless Steel
- Bisco HT-840 Gasket
- NEMA 4X Nylon Cable Glands

### Power:

- 24 VDC / 7 watts max with two IT junction boxes and 8 load points
- 100-240 VAC / maximum 8.25 Watts (optional)

### Temperature:

- -10°C to +50°C (14° F to 122°F)

### Humidity:

- 0-90% non-condensing

### Dimensions:

- 7" W x 6"H x 5" D (23.5 cm x 15.2 cm x 12.7 cm)

### Cable Grip Range:

- 0.17" to 0.45" diameter (0.4 cm to 1.1 cm)

### Instruments:

(See Instrument Datasheets for further detail)

#### HI 6500-XP

- 660 updates per second
- 1:30,000 divisions of full scale
- Internal resolution 1:16,777,216

#### HI 6500

- 110 updates per second
- 1:10,000 divisions of full scale
- Internal resolution 1:8,388,608

#### HI 6300

- 55 updates per second
- 1:6,000 divisions of full scale
- Maximum displayed resolution: 1:999,999

### Common Specs:

- Maximum displayed resolution: 1:999,999
- 5 VDC Excitation
- Up to eight 350Ω Sensors (6500 Series)
- Up to four 350Ω Sensors (6300 Series)
- Keypad: 5-Button Tactile

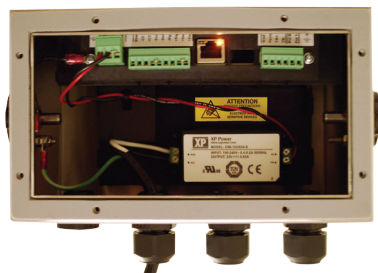
### Certifications:

- Safety: UL (Type 4X, for indoor use), CUL and CE
- Hazardous: Class I, II, III/Div2 (pending on SME)
- EtherNet/IP ODVA Cert. Level 3 (HI 6500 series Only)

### Warranty:

- Two-year warranty against defects in workmanship

Note: USB Ports Not Available for Swivel Mount Enclosures



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## MODEL NUMBERS

### Swivel Mount Enclosure

Model Number	Description
HI 6500-WP-10-EIP-SME-DC	EIP Swivel Mount Enclosure, 24 VDC Power input
HI 6500-WP-10-EIP-SME-AC	EIP Swivel Mount Enclosure, 120/240 VAC Power
HI 6500-WP-10-PB-SME-DC	Profibus Swivel Mount Enclosure, 24 VDC Power
HI 6500-WP-10-PB-SME-AC	Profibus Swivel Mount Encl., 120/240 VAC Power
HI 6510-WP-10-EIP-SME-DC	Analog/EIP Swivel Mount Enclosure, 24 VDC Power
HI 6510-WP-10-EIP-SME-AC	Analog/EIP Swivel Mount Encl., 120/240 VAC Power
HI 6510-WP-10-PB-SME-DC	Analog/PB Swivel Mount Encl., 24 VDC Power input
HI 6510-WP-10-PB-SME-AC	Analog/PB Swivel Mount Encl, 120/240 VAC Power
HI 6500-XP-10-EIP-SME-DC	EIP Swivel Mount Enclosure, 24 VDC Power input
HI 6500-XP-10-EIP-SME-AC	EIP Swivel Mount Enclosure, 120/240 VAC Power
HI 6500-XP-10-PB-SME-DC	Profibus Swivel Mount Enclosure, 24 VDC Power
HI 6500-XP-10-PB-SME-AC	Profibus Swivel Mount Encl., 120/240 VAC Power
HI 6510-XP-10-EIP-SME-DC	Analog/EIP Swivel Mount Enclosure, 24 VDC Power
HI 6510-XP-10-EIP-SME-AC	Analog/EIP Swivel Mount Encl., 120/240 VAC Power
HI 6510-XP-10-PB-SME-DC	Analog/PB Swivel Mount Encl., 24 VDC Power input
HI 6510-XP-10-PB-SME-AC	Analog/PB Swivel Mount Encl, 120/240 VAC Power
HI 6300-WP-10-00-SME-DC	Ethernet TCP/IP, Modbus RTU SME 24 VDC Power
HI 6300-WP-10-00-SME-AC	Ethernet TCP/IP, Modbus RTU SME, 120/240 VAC
HI 6310-WP-10-00-SME-DC	Analog/Ethernet TCP/IP/Modbus RTU SME, 24 VDC
HI 6310-WP-10-00-SME-AC	Analog/Ethernet TCP/IP/Modbus RTU, 120/240 VAC

**HARDY**  
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 Measurement • Automation • Productivity

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**ISO 9001:2008**  
 CERTIFIED  
 Since 1993

HI 6000 Swivel Mount 09/15  
 0400-Swivel-A