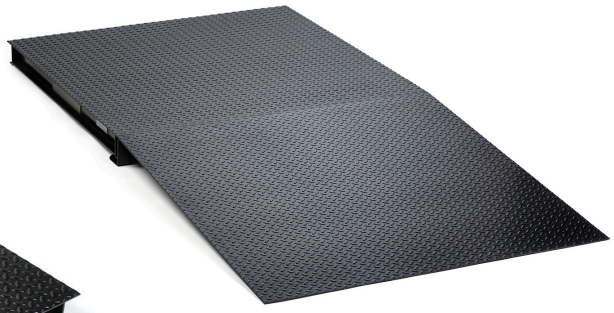
OHAUS VX Series

Standard Floor Scales and Platforms



VX Series shown with optional ramp

VX Series Platform with T31XW indicator

Performance, Ruggedness, Ohaus Quality & Value

The OHAUS VX Series is a portable low-profile floor platform and indicator scale package. It is the ideal solution for freight consolidators, forwarders, processing plants, resellers, shipping and receiving departments, as well as startup businesses. Quick connects and factory calibration allows the package to operate out-of-the-box with minimal setup. This time saving solution combines a 5000d NTEP approved floor scale (VX2500L and VX5000L) with four analog sealed load cells, and a stainless steel NEMA 4X/IP66 indicator (T31XW) featuring an RS232 interface, high-visibility backlit LCD display, counting function and easy-to-operate positive feedback keys.

Standard Features Include:

- 2,500 lb, 5,000 lb, and 10,000 lb scale capacities
- 4′ x 4′ and 5′ x 5′ platforms with structural bracing that ensures a rigid construction
- 1/8″ (up to 5,000lb models) and 5/16″ (10,000lb models) thick top plate with raised cross-hatch surface for added durability and slip resistance
- Four IP67 nickel plated alloy steel load cells
- Side access NEMA4X/IP65 dust and water protected junction box with 25′ long cable
- Features eye bolt mounting holes to allow easier lifting and positioning of the platform
- Factory-wired and pre-calibrated with OHAUS T31XW stainless steel indicator featuring:
  - 304 stainless steel construction with NEMA 4X/IP66 protection
  - Backlit LCD display with high-visibility 1″ high digits
  - Five weighing units (lb, kg, g, oz, lb:oz)
  - Piece counting mode for warehousing and inventory applications
  - Wall mount bracket included

VX Series Floor Scales Include The Durable T31XW Indicator

T31XW Features:

- Large 1" high digit backlit LCD display quickly displays results in a choice of lb or kg. The power-on unit is selectable, and either the lb or kg unit can be turned off for easier use.
- Includes Counting Mode with a minimum Average Piece Weight of 1d, selectable sample sizes, automatic retention of last sample size used and Average Piece Weight. For installations where Counting Mode is not required, the parts counting software can be selected off.
- Built-in bidirectional RS232C interface for printing or connection to PC. Printing intervals can be set to manual (using Print key), continuous, on stable weight, or an interval between 1 second and 60 minutes.
- Geographical gravity correction software allows quick adjustment of calibration to local conditions without need for recalibration of the VX Floor Scale. All VX Floor Scales are factory calibrated and must be set to match local gravity situation.
- Durable membrane switch keypad with dedicated Print, Tare and Function keys for quick and easy operation
- The T31XW can be wall or table mounted using the included wall mount bracket for full tilt adjustment of the indicator.
- Software lockouts of menu operations for setup, readout, mode, unit and print menu options. In NTEP certified operation, certain menu options are automatically locked-out.

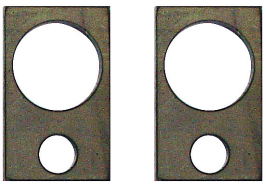
Indicator Accessories

Description	OHAUS Number
Compact Dot Matrix Impact Printer	*80252042*
Compact Thermal Printer	*80251992*
Ohaus Collect Software	*80500746*
TAL Software WinWedge	*SW12W*
Paper for Printer, 80252042 (1 roll)	*80251932*
Ribbon for Printer, 80252042	*80251933*
RS232 Cable & Adapter, 80252042 Printer to T31XW	*80252574*
RS232 Cable, PC 9-pin to T31XW	*80500552*
RS232 Cable, PC 25-pin to T31XW	*80500553*

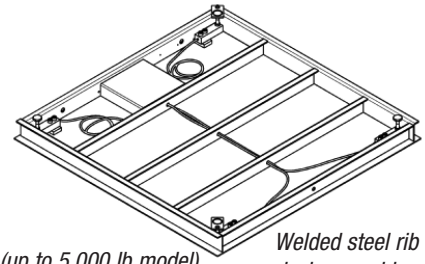
Options

- **Ramps**
  4' or 5' wide
  with foot mounting
  locators

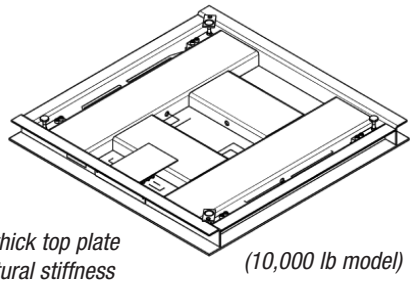
- **Fixed Location Foot Mounting Plates**
  Set of 2



OHAUS VX Series Floor Scale and Platforms Standard Features:

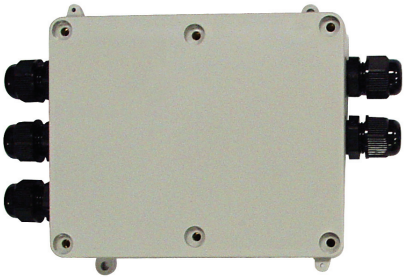


(up to 5,000 lb model)



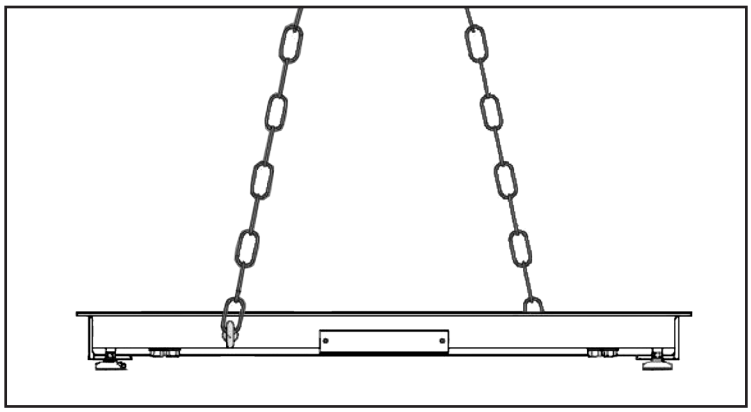
(10,000 lb model)

Welded steel rib and thick top plate design provides structural stiffness



NEMA 4X/IP65 plastic Side-Access Junction Box with IP67 load cells limits effect of water on base

Painted tread plate platform top for added slip resistance



Features eyebolt (not included) mounting holes on sides (up to 5,000 lb models) or on top (10,000 lb models) to allow easier liifting and positioning

Carbon steel feet attached to each load cell

VX Series Standard Floor Scales and Platforms

Specifications

Platform Models	VX2500L	VX5000L	VX10000L	VX5000X	VX10000X
Dimensions	4' x 4' x 4.5" / 1,219 x 1,219 x 115 mm			5' x 5' x 4.5" / 1,524 x 1,524 x 115 mm	
Material	Painted Carbon Steel, treaded surface, fixed top plate, thickness 1/8" (up to 5000lb), 5/16" (10,000lb)				
Capacity x Readability	2,500 lb x 0.5 lb / 1,000 kg x 0.2 kg	5,000 lb x 1 lb / 2,200 kg x 0.5 kg	10,000 lb x 2 lb / 4,500 kg x 1 kg	5,000 lb x 1 lb / 2,200 kg x 0.5 kg	10,000 lb x 2 lb / 4,500 kg x 1 kg
Resolution	NTEP 5000d	NTEP 5000d	5000d	5000d	5000d
Maximum Central Load	100% of maximum capacity				
Safe End Load Capacity	100% of maximum capacity				
Load Cell	4 x Shear Beam, IP67, nickel plated alloy steel				
LC Output Impedance / Excitation Voltage	350 Ω ± 3 Ω / 10VDC recommended~15VDC max				
Junction Box	Side panel access, IP65 plastic case with 25' indicator cable				
Feet	4 x fixed bolt design, adjustable height				
Operating Temperature	50°F to 104°F / 10 °C to 40 °C				
Net Weight	185 lb / 84 kg		437 lb / 198 kg	280 lb / 127 kg	660 lb / 300 kg
Shipping Weight	250 lb / 113 kg		500 lb / 227 kg	340 lb / 154 kg	720 lb / 327 kg

Specifications

Scale Models	VX31XW2500L	VX31XW5000L	VX31XW10000L	VX31XW5000X	VX31XW10000X
Indicator Model	T31XW				
Indicator Construction	304 stainless steel, NEMA4X/IP66 dust and water protection				
Weighing Units	lb, kg, oz, g, lb-oz				
Modes	Weighing, Counting* (min APW 1d)				
Display	1 in / 25 mm high, 6-digit, 7-segment, bright white backlit LCD				
Keypad	4-button, raised with tactile positive feedback membrane switches				
Stabilization Time	Within 2 seconds				
Auto-zero Tracking	Off, 0.5, 1 or 3d				
Zeroing Range	0%, 2% or 100% of capacity				
Span Calibration	5 lb or kg to 100% of capacity				
Interface	RS232C, bi-directional				
Power	100-240 VAC / 50-60 Hz, internal power supply				
Indicator Dimensions	8.3 x 2.8 x 5.8 in / 212 x 71 x 149 mm				
Scale Shipping Dimensions (WxDxH)	60 x 48 x 14 in / 1,524 x 1,220 x 356 mm			72 x 60 x 14 in / 1,829 x 1,220 x 356 mm	
Scale Shipping Weight	259 lb / 118 kg		509 lb / 231 kg	349 lb / 158 kg	729 lb / 331 kg

* Counting feature not NTEP certified

Compliance

- **Safety and EMC:** EN60950, EN61326, FCC, CE, $_{c}UL_{us}$
- **NTEP Certifications:** T31XW Indicator: CC 08-066 / VX Platform: CC 08-069 / Load cells: CC 91-043A4
- **Quality:** OHAUS quality management system registered to ISO 9001:2000

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