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# OHAUS VN Series

*Economical Floor Scales and Platforms*



## ***Affordability, Durability, Ohaus Quality & Value***

The OHAUS VN Series of floor platforms and scales are the value solution to your dry weighing needs in industrial and commercial applications. Its high-quality construction is designed to minimize distortion under heavy loads, and ensures years of dependable use. NTEP certification ensures consistent weighing performance. Available with ramps and mounting feet, the OHAUS VN Series floor platforms and scales offer a unique combination of value, quality and dependability your company can rely on.

### ***Standard Features Include:***

- 5,000 lb capacity with 1 lb readability in 2 popular platform sizes: 4' x 4' and 5' x 5'
- 5mm / 0.196" thick painted carbon steel top plate with raised cross-hatch surface for added slip resistance
- Four NTEP certified shear beam load cells protected to IP67
- Side access NEMA 4X / IP65 dust and water protected stainless steel junction box with 16.5' long indicator cable
- Four self-swiveling ball-in-cup feet, with top-access leveling adjustment for easy installation
- Internal structural bracing ensures platform rigidity during everyday use
- Carbon steel eyebolts (included) attach to side of platform for easy lifting and positioning
- OHAUS T31P indicator included with scale featuring:
  - Backlit LCD display with high-visibility 1-inch high digits
  - lb and kg weighing units in NTEP mode – g, oz and lb:oz also available when not in NTEP mode
  - Power using included 80-hour internal rechargeable lead acid battery or included AC adapter
  - Counting mode for warehousing and inventory applications
  - Wall mount bracket included

# VN Series Economical Floor Scales and Plat

## VN Series Floor Scales Include The Durable T31P Indicator

### T31P 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 VN Floor Scale. All VN Floor Scales are factory calibrated and must be set to match local gravity situation.
- Durable mechanical switch keypad with dedicated Print, Tare and Function keys for quick and easy operation
- Powered using either the included AC adapter or the included 100-hour internal rechargeable battery pack.
- Reversible back which allows installation with the floor platform and power connections exiting from the top or the bottom of the indicator housing.
- The T31P includes four wall mounting holes for screw mounting to bench or wall – it can also 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

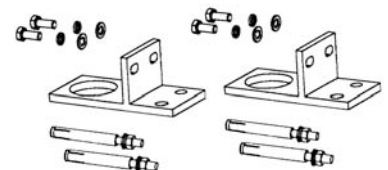
Description	OHAUS Number
Compact Dot Matrix Impact Printer.....	80252042
Compact Thermal Printer.....	80251992
Ohaus Collect Software.....	80500746
TAL Software WinWedge.....	SW12W
Paper for Printer, 80252042 (1 roll).....	80251932
Ribbon for Printer, 80252042.....	80251933
RS232 Cable & Adapter, 80252042	
Printer to T31P.....	80252571
RS232 Cable, PC 9-pin to T31P.....	80500525
RS232 Cable, PC 25-pin to T31P.....	80500524

## Options

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



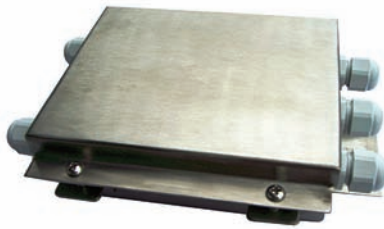
- **Fixed Location Foot Mounting Plate Kits**  
Set of 2



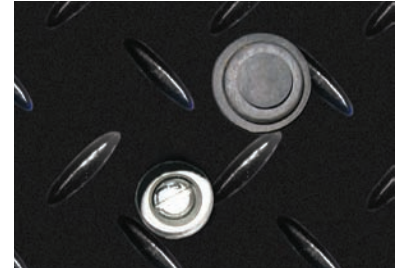
## OHAUS VN Series Floor Scale and Base Standard Features:



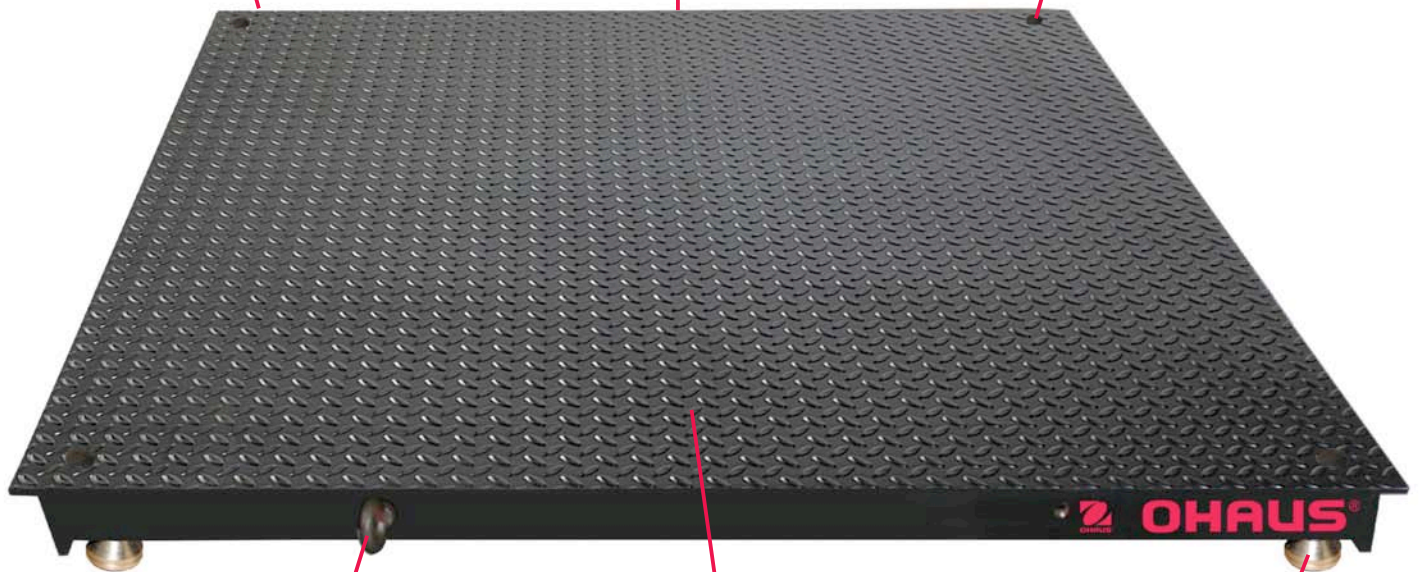
Welded steel rib design and thick 0.196 in / 5 mm top plate design provides structural stiffness



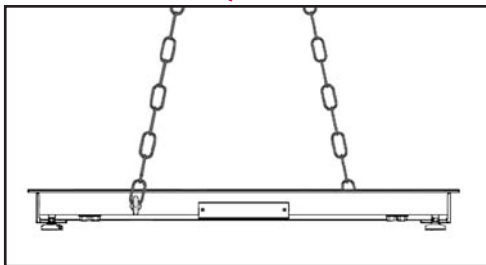
NEMA 4X/IP65 Stainless Steel Side-Access Junction Box with IP67 load cells limits effect of water on base



Top access to foot height adjustment screws makes leveling easy



Painted tread plate platform top of added slip resistance



Carbon steel eyebolts included for easy installation



Stainless steel feet with rubber bottoms are attached to each load cell – ball-in-cup design makes feet self-swiveling and base easier to install

# VN Series Economical Floor Scales and Platforms

## Specifications

Scale Models	VN31P5000L	VN31P5000X
NTEP Certified Capacity x Readability	5000 lb x 1 lb / 2500 kg x 0.5 kg	
NTEP Resolution	1:5,000	
Indicator	T31P	
Construction	5mm / 0.196 in painted carbon steel platform with ABS housed indicator	
Load Cell	4 x 2,500 lb nickel-plated alloy steel shear beam IP67 protected	
Feet	4 x self-swiveling ball-in-cup design with rubber bottom, adjustable height top levelling	
Junction Box	NEMA 4X / IP65, 304 stainless steel, with 16.5 ft / 3 m long indicator cable	
Maximum Central Load	160% of maximum capacity	
Safe Endload Capacity	100% of maximum capacity	
Protection	IP67 for shear beam load cells, NEMA4X/IP65 for junction box	
Weighing Units	lb or kg	
Modes	Weighing, Counting*	
Display	1 in / 25 mm high, 6-digit, 7-segment bright white backlit LCD	
Keyboard	4-button mechanical 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, bidirectional	
Operating Temperature Range	14°F to 104°F / -10°C to 40°C	
Power	9VDC, 0.5A AC adapter or internal rechargeable sealed lead acid battery (100-hour typical operation with full charge) – both included	
Platform Dimensions (W x D x H)	4ft x 4ft x 3.5 in	5ft x 5ft x 3.5 in
Indicator Dimensions (W x D x H)	8.2 x 2.8 x 6.5 in / 210 x 71 x 168 mm	
Scale Shipping Dimensions (W x D x H)	64.6 x 53 x 13.4 in / 1640 x 1350 x 340 mm	75.4 x 64 x 13.4 in / 1915 x 1626 x 340 mm
Net Weight	282 lb / 128 kg	419 lb / 190 kg
Shipping Weight	333 lb / 151 kg	533 lb / 242 kg

\* Counting feature not NTEP certified

Platform Models	VN5000L	VN5000X
NTEP Certified Capacity x Readability	5000 lb x 1 lb 2500 kg x 0.5 kg	
NTEP Resolution	1:5,000	
Platform Construction	5mm / 0.2 in painted carbon steel platform	
Load Cell	4 x 2,500 lb nickel-plated alloy steel shear beam IP67 protected	
Feet	4 x self-swiveling ball-in-cup design with rubber bottom, adjustable height	
Junction Box	NEMA4X/IP65, 304 stainless steel, with 16.5 ft / 3 m long indicator cable	
Maximum Central Load	160% of maximum capacity	
Safe Endload Capacity	100% of maximum capacity	
LC Output Impedance / Excitation Voltage	350 ohm / 10V DC ~max 15V	
Protection	IP67 for shear beam load cells, IP65/NEMA4X for junction box	
Operating Temperature	14°F to 104°F / -10°C to 40°C	
Platform Dimensions	4 ft x 4 ft x 3.5 in	5 ft x 5 ft x 3.5 in
Shipping Dimensions	48.4 x 48.4 x 10.6 in / 1230 x 1230 x 270 mm	60.4 x 60.4 x 10.6 in / 1535 x 1535 x 270 mm
Net Weight	271 lb / 123 kg	408 lb / 185 kg
Shipping Weight	289 lb / 131 kg	430 lb / 195 kg

## Compliance

- **Safety and EMC:** EN60950, EN61326, FCC, CE,  $cUL_{US}$
- **NTEP Certifications:** T31P Indicator: CC 08-066, Load Cell: CC 91-043A4, VN Platform: CC 08-048A1
- **Quality:** OHAUS quality management system registered to ISO 9001:2000

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\* **ISO 9001**  
 Registered Quality Management System

