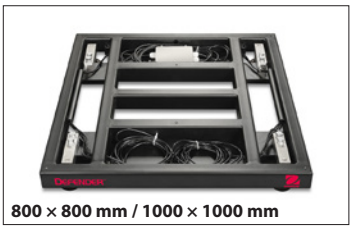
DEFENDER™ 2500

Floor Scales





800 × 800 mm / 1000 × 1000 mm



Economical Floor Scale for Basic Industrial Applications

OHAUS Defender 2500 Series floor scales are the best value for all your heavy-duty weighing needs. Available in both square and rectangular designs, corresponding ramps and mounting accessories. With the added benefit of pit mounting options, the OHAUS Defender 2500 floor platforms and scales offer a unique combination of value, quality and dependability that your company can rely on.

Unique Features:

- Direct access from the top to the load cells and the junction box, makes adjustments easy when the scale is mounted in its available pit frame.
- Square and rectangular platforms are available in five sizes from 0,8 × 0,8 m to 1,5 × 1,5 m and also come with maximum capacities of 1 500 kg or 3 000 kg.
- 4 OIML approved IP67 alloy steel load cell and IP65 stainless steel junction box is protected from dust and water.

DEFENDER™2500 *Floor scales*

Specifications

Models	i-DF25P1500D1S	i-DF25P1500D1R	i-DF25P1500D1L i-DF25P3000D1L	i-DF25P1500D1LX i-DF25P3000D1LX	i-DF25P1500D1X i-DF25P3000D1X
Platform Material	Painted carbon steel, black painted, treaded surface, fixed top plate 5 mm thick				
Dimensions (mm)	800 × 800 × 110	1 000 × 1 000 × 110	1 200 × 1 200 × 110	1 200 × 1 500 × 110	1 500 × 1 500 × 110
Capacity × Readability (kg)	1 500 × 0,5	1 500 × 0,5	1 500 × 0,5 3 000 × 1	1 500 × 0,5 3 000 × 1	1 500 × 0,5 3 000 × 1
Operating Temperature / Humidity	–10° to 40° / 0% to 85% Relative Humidity, Non-condensing				
Emin (kg)	0,5	0,5	0,5 1	0,5 1	0,5 1
Platform net wt (kg)	65	85	114	145	175
Feet	4 × swivel design, screw-in, carbon steel with rubber bottom cap, adjustable height				
Maximum Central Load (kg)	2 500		2 500 3 800		
Load Cell Model / Material	4 × OIML C3, IP67 alloy steel, shear beam				
Load Cell Capacity Emax (kg)	1 000		1 000 2 000		
Load Cell Safe Overload Limit	150 % of Emax				
Load Cell Output Impedance	350 ohm ± 1 ohm				
Load Cell Excitation Voltage	5V ~ 15V, DC/AC				
Junction Box	Top access, IP65, Stainless steel, with 5m cable				
Indicator	i-DT25P, ABS plastic housing indicator				
Application Modes	Weighing, Counting, Dynamic Weighing / Display Hold, Peak Hold, Totalization				
Weighing Units	Kilogram, Gram, Pound, Ounce, Pound: Ounce				
Display	6-digit, 7-segment LCD display with white backlight, 28 mm high digits				
Interface	RS232 & USB (Type C) Standard				
Power	Standard AC adapter with USB type C cable, detachable (included) or 4 AA batteries (not included)				

Other Features and Equipment

Selectable environmental and auto-print settings, stability indicator, overload / underload indicators, auto-off, auto tare. Painted and stainless steel floor stands (available as accessories)

Compliance

- **Metrology:** NA
- **Product Safety:** NA
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, basic environments; FCC Part 15 Class A; Canada ICES-003 Class A Class A
- **Compliance Marks:** CSA, CE
- **Other:** WEEE, RoHS

DEFENDER™2500 *Floor scales*

Accessories

Cable, RS232, Male-to-Female.....80500525
DB9 Adapter, Male-to-Male.....30692384
Printer, Impact, SF-110B.....30708371
Auxiliary Display, AD7-MD.....30472063
SF40A Printer (EU).....30064202
Interface Kit, RS232-USB.....30304101
Interface Kit, RS232-Ethernet.....30304102
Column Kit, Painted, Floor Scale.....30531244
Column Kit, Stainless Steel, Floor Scale.....30539553
Ramp 800 mm Painted DF-D1.....30944102
Ramp 1 000 mm Painted DF-D1.....30944103
Ramp 1 200 mm Painted DF-D1.....30944104
Ramp 1 500 mm Painted DF-D1.....30944105
Foot Plate, Set(2), Painted, DF-D1.....30951002
Pit Frame, 800×800 mm, Painted, DF-D1.....83033708
Pit Frame, 1 000×1 000 mm, Painted, DF-D1.....83033709
Pit Frame, 1 200×1 200 mm, Painted, DF-D1.....83033710
Pit Frame, 1 500×1 500 mm, Painted, DF-D1.....83033711
Pit Frame, 1 200×1 500 mm, Painted, DF-D1.....83033714

Outline Dimensions

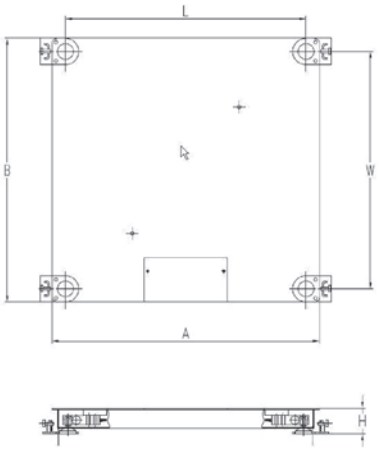


Figure 2. Floor Scale Dimensions, (Shown with optional Foot Plates)

TABLE 4. FLOOR SCALE DIMENSIONS

MODELS	DIMENSIONS(mm)				
	FLOOR SCALE PLATFORM			FOOT CENTERS	
	A	B	H	L	W
i-DF1500D1S	800	800	110	620	620
i-DF1500D1R	1000	1000	110	820	820
i-DF1500D1L	1200	1200	110	1020	1020
i-DF3000D1L					
i-DF1500D1LX	1500	1200	110	1320	1020
i-DF3000D1LX					
i-DF1500D1X	1500	1500	110	1320	1320
i-DF3000D1X					

80776990_C 20250604 © Copyright OHAUS Corporation

OHAUS Europe GmbH
e-mail: ssc@ohaus.com
Tel: 0041 22 567 53 19
e-mail: tsc@ohaus.com
Tel: 0041 22 567 53 20
www.ohaus.com

The management system governing the manufacture of this product is ISO 9001:2015 certified.

OHAUS®