



Defender™ 3000 Series

Floor Scales



Rugged and Versatile at an Affordable Price!

OHAUS Defender™ 3000 Series floor platforms and scales are the value solution for all your floor weighing needs. Their high-quality material and construction are designed to minimize distortion under heavy loads, and ensure years of dependable performance. With square and rectangular versions available, corresponding ramps and mounting accessories, and with the added benefit of Pit Mounting options, the OHAUS Defender 3000 Series floor platforms and scales offers a unique combination of value, quality and dependability that your company can rely on.

Standard Features Include:

- 1500kg and 3000kg capacities in a combination of square and rectangular configurations. Five platform sizes from 0.8 x 0.8m to 1.5 x 1.5m
- Indicator features backlit LCD with high visibility 45mm digits, five weighing units (kg, g, lb, oz, lb-oz), basic parts counting, checkweighing, weight accumulation plus RS232 interface
- Top access stainless steel IP65 junction box—dust and water protected junction box provides reliable protection and easy access to adjustments when floor scale is mounted in it's available pit frame

Accessories:

- Pit frames and ramps are available to fit your installation needs

Defender™ 3000 Floor Scales

Specifications

Platform Models	DF600BS DF1500BS	DF1500BR	DF1500BL DF3000BL	DF1500BLX DF3000BLX	DF1500BX DF3000BX
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)	600 × 0.2 1500 × 0.5	1500 × 0.5	1500 × 0.5 / 3000 × 1	1500 × 0.5 / 3000 × 1	1500 × 0.5 / 3000 × 1
Operating Temperature/Humidity	-10° to 40° / 0% to 95% Relative Humidity, Non-condensing				
Emin (kg)	0.2 0.5	0.5	0.5 / 1	0.5 / 1	0.5 / 1
Platform net wt (kg)	72	90	122	209	249
Feet	4 × swivel design, screw-in, carbon steel with rubber bottom cap, adjustable height				
Maximum Central Load (kg)	2,500		2,500 / 3800		
Load Cell Model / Material	4 × OIML C3, IP67 alloy steel, shear beam				
Load Cell Capacity Emax (kg)	1,000		1,000 / 1,500		
Load Cell Safe Overload Limit	150% of Emax				
Load Cell Output Impedance	350 Ω ± 1 Ω				
Load Cell Excitation Voltage	5V ~ 15V, DC/AC				
Junction Box	Top access, IP65, Stainless steel, with 5m long cable				
Scales Models (with i-DT33P indicator)	DF33M1500BS	DF33M1500BR	DF33M1500BL DF33M3000BL	DF33M1500BLX DF33M3000BLX	DF33M1500BX DF33M3000BX
Indicator	i-DT33P, ABS plastic face plate, rear housing				
Weighing Units	kg, g, lb, oz, lb-oz				
Display	6-digit, 7-segment LCD, 45mm digit height, high-contrast LED backlight				
Checkweigh Display	3-color red-green-yellow Over-Accept-Under				
Enclosure Dimensions (W × D × H) mm	251.6 × 177 × 81 mm				
Interface	Bidirectional RS232C				
Power	100-240 VAC / 50/60 Hz Universal Power Supply or C cell battery (Not included)				
Other Features	Parts Counting, Checkweighing, Weight Accumulation				

Options	Part Number
Foot Plate Kit, Painted steel, DF-B	72225239
Ramp Kit, Painted steel, 0.8m, DF-B	80252722
Ramp Kit, Painted steel, 1.0m, DF-B	80252723
Ramp Kit, Painted steel, 1.2m, DF-B	80252724
Ramp Kit, Painted steel, 1.5m, DF-B	80252725
Pit Frame Kit, Painted steel, 0.8m, DF-B	83033708
Pit Frame Kit, Painted steel, 1.0m, DF-B	83033709
Pit Frame Kit, Painted steel, 1.2m, DF-B	83033710
Pit Frame Kit, Painted steel, 1.5m, DF-B	83033711
Pit Frame Kit, Painted steel, 1.2m _ 1.5m, DF-B	83033714



Compliance

- Safety: CE (EN61010-1), cCSA_{US}
- EMC: CE (EN61326-1), FCC (Part 15)
- EC Type Approval:
 - T32Mx Series Indicator: TC7631 / T5980 (EN45501)
 - Load Cell: OIML R60 PTB D09-03.19 (R76-1)
- Quality: Ohaus quality management system registered to ISO 9001:2008

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* ISO 9001:2008
Registered Quality Management System

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