



Painted carbon steel platform shown with i-DT33P indicator



Stainless steel platform shown with i-DT33XW indicator

## ***Floor Scales for Basic Industrial Applications***

Defender 3000 Series Floor Scales are the value solution for dry or washdown weighing needs in industrial and commercial applications. Their high-quality material and construction are designed to minimize distortion under heavy loads, and ensure years of dependable performance. Available with corresponding ramps and mounting accessories, Defender 3000 floor scales offer a unique combination of value, quality and dependability that you can rely on.

### ***Unique Features:***

- Painted carbon steel, raised treaded surface with four IP67 alloy steel load cells or 304 stainless steel, sand-blasted flat surface with four IP67 stainless steel load cells, fixed top plate (5 mm thick), both versions with structural bracing that ensures a stiff and solid construction.
- Defender 3000 comes in six models ranging from platform sizes of 1 x 1 m, 1,25 x 1,25 m and 1,5 x 1,5 m, and capacities from 600 kg to 3 000 kg, allowing greater flexibility for your weighing needs.
- Results are clearly shown on the large, bright backlit LCD display of the i-DT33 indicator. In Checkweighing mode, display changes color (yellow/green/red) to alert users when within the target weight range.

# DEFENDER™ 3000 Floor Scales

## Specifications

Scale Models (Powder coated)	i-DF33P600B1R	i-DF33P1500B1R	i-DF33P1500B1L	i-DF33P3000B1L	i-DF33P1500B1X	i-DF33P3000B1X
Certified Models (Powder coated)	i-DF33P600B1R-M	i-DF33P1500B1R-M	i-DF33P1500B1L-M	i-DF33P3000B1L-M	i-DF33P1500B1X-M	i-DF33P3000B1X-M
Capacity x Readability	600 kg x 0,2 kg	1 500 kg x 0,5 kg		3 000 kg x 1 kg	1 500 kg x 0,5 kg	3 000 kg x 1 kg
Platform Size (A x B x min H)	1 m x 1 m x 0,09 m		1,25 m x 1,25 m x 0,09 m		1,5 m x 1,5 m x 0,09 m	
Platform Material	Painted carbon steel, raised treaded surface, fixed top plate 5mm thick					
Indicator	ABS plastic indicator (i-DT33P)					
Load Cell Model	4 x IP67 alloy steel, shear beam, OIML C3					
Load Cell Capacity Emax	500 kg	1 000 kg		1 500 kg	1 000 kg	1 500 kg
Load Cell Output Impedance	350 ohm ± 3,5 ohm					
Load Cell Excitation Voltage	5V ~ 15V, DC/AC					
Approx. Net Weight	85 kg		125 kg		172 kg	
Weighing Units	kg, lb, t (kg, t only for M models)					
Application Modes	Weighing, Parts Counting, Checkweighing and Totalization					
Displays	6-digit, 7-segment LCD display with multi-color backlight, 45 mm high digits					
Interface	RS232 included, Optional USB, Ethernet					
Power	100-240 VAC / 50/60 Hz Universal Power Supply or C cell battery (Not included); Optional rechargeable battery					
Maximum Safe Static Load:						
with Central Load	1 500 kg	2 500 kg		3 800 kg	2 500 kg	3 800 kg
with Side Load	1 000 kg	1 500 kg		1 800 kg	1 500 kg	1 800 kg
with Corner Load	500 kg	1 000 kg		1 200 kg	1 000 kg	1 200 kg
Junction Box	IP65, 304 stainless steel, with 5m long cable					
Feet	4 x self-swiveling ball-in-cup design with rubber bottom, adjustable height					
Accessories	Ramps, Mounting Foot Plates, Column					

Scale Models (Stainless steel)	i-DF33XW600C1R	i-DF33XW1500C1R	i-DF33XW1500C1L	i-DF33XW3000C1L	i-DF33XW1500C1X	i-DF33XW3000C1X
Certified Models (Stainless steel)	i-DF33XW600C1R-M	i-DF33XW1500C1R-M	i-DF33XW1500C1L-M	i-DF33XW3000C1L-M	i-DF33XW1500C1X-M	i-DF33XW3000C1X-M
Capacity x Readability	600 kg x 0,2 kg	1 500 kg x 0,5 kg		3 000 kg x 1 kg	1 500 kg x 0,5 kg	3 000 kg x 1 kg
Platform Size (A x B x min H)	1 m x 1 m x 0,09 m		1,25 m x 1,25 m x 0,09 m		1,5 m x 1,5 m x 0,09 m	
Platform Material	Stainless steel, sand-blasted flat surface, fixed top plate 5mm thick					
Indicator	IP66 stainless steel indicator (i-DT33XW)					
Load Cell Model	4 x IP67 stainless steel, shear beam, OIML C3					
Load Cell Capacity Emax	500 kg	1 000 kg		2 000 kg	1 000 kg	2 000 kg
Load Cell Output Impedance	350 ohm ± 3,5 ohm					
Load Cell Excitation Voltage	5V ~ 15V, DC/AC					
Approx. Net Weight	71 kg		104 kg		137 kg	
Weighing Units	kg, lb, t (kg, t only for M models)					
Application Modes	Weighing, Parts Counting, Checkweighing and Totalization					
Displays	6-digit, 7-segment LCD display with multi-color backlight, 45 mm high digits					
Interface	RS232 included, Optional USB, Ethernet					
Power	100-240 VAC / 50/60 Hz Universal Power Supply, hardwired or standard rechargeable battery					
Maximum Safe Static Load:						
with Central Load	1 500 kg	2 500 kg		3 800 kg	2 500 kg	3 800 kg
with Side Load	1 000 kg	1 500 kg		1 800 kg	1 500 kg	1 800 kg
with Corner Load	500 kg	1 000 kg		1 200 kg	1 000 kg	1 200 kg
Junction Box	IP65, 304 stainless steel, with 5 m long cable					
Feet	4 x self-swiveling ball-in-cup design with rubber bottom, adjustable height					
Accessories	Ramps, Mounting Foot Plates, Column					



# DEFENDER™ 3000 Floor Scales

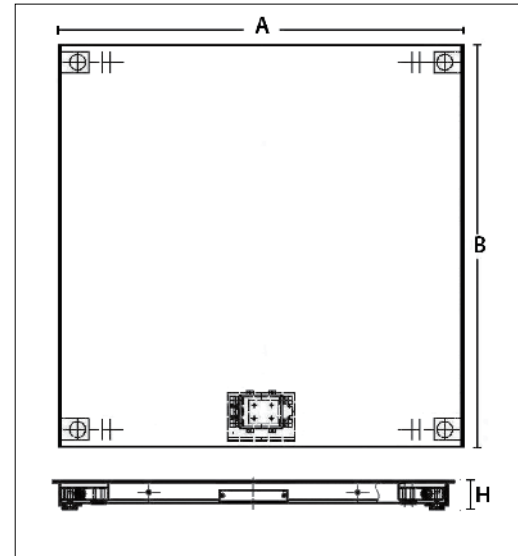
## Other Standard Features and Equipment

Two carbon steel eye bolts, side access IP65 stainless steel junction box, four load cell mounted feet with self-swiveling ball-in-cup design, painted and stainless steel floor stands (available as accessories)

## Accessories

Ramp, 1 000mm, Painted, DF-B1 .....	72198338
Ramp, 1 250mm, Painted, DF-B1 .....	72198339
Ramp, 1 500mm, Painted, DF-B1 .....	72198340
Ramp, 1 000mm, SST, DF-C1 .....	72198341
Ramp, 1 250mm, SST, DF-C1 .....	72198342
Ramp, 1 500mm, SST, DF-C1 .....	72198343
Foot plate kit, Painted, DF-B1 .....	72198344
Foot plate kit, SST, DF-C1 .....	72198345
Ethernet Kit i-DT33 .....	30429666
USB Device Kit i-DT33 .....	30699120
Dust Cover (5) i-DT33 .....	30699121
Rechargeable Battery Kit i-DT33P .....	30699122
SF40A Printer .....	30064202
Cable RS232 i-DT33P .....	80500525
Cable RS232 i-DT33XW .....	80500552
Floor Scale Column Kit Painted .....	30531244
Floor Scale Column Kit SST .....	30539553

## Outline Dimensions (Platform Size)



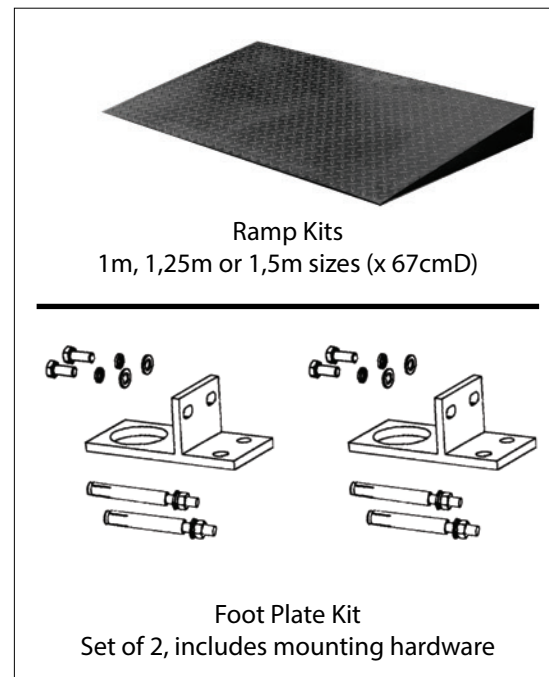
## Compliance

- **Metrology:** EN45501 (Scale: T12209; Indicator: TC12208; Load Cell: OIML R60/2000-NL1-12.12 / TC8012, OIML R60/2000-NL1-11.28 / TC8010, OIML R60/2000-CN1-06.05 / D09-05.19)
- **Product Safety:** IEC/EN 61010-1; CAN/CSA C22.2 61010-1; UL61010-1
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, basic environments; FCC Part 15 Class A; Canada ICES-003 Class A
- **Ingress Protection:** IEC 60529 – IP66 (for i-DT33XW indicator), IEC 60529 – IP67 (for Load Cell), IEC 60529 – IP65 (for Junction Box)
- **Compliance Marks:** CE, UKCA
- **Other:** WEEE, RoHS

## Structural Features



## Accessories (Painted Steel & Stainless Steel)





# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

Please contact us if this literature doesn't answer all your questions.