

Platforms for Basic Industrial Applications

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

Unique Features:

- Defender Series Floor platforms are available in a painted carbon steel, raised treaded surface or a 304 stainless steel, sand-blasted flat surface - both with a fixed top plate of 5 mm thickness. Both versions feature structural bracing that ensures a stiff and solid construction.
- Defender Series Pallet Platforms are available in the popular 1 500 kg capacity as painted carbon steel or 304 stainless steel models with a handle and rollers for convenient lifting and relocation.
- Install easily with EasyConnect™ - Platforms are equipped with a 5 m EasyConnect™ cable, which allows instant configuration with Defender indicators for quick installation.
- OIML R60 approved Load Cells – equipped with four IP67 alloy steel or stainless steel load cells with self-swiveling ball-in-cup design feet to best suit your weighing needs.

DEFENDER™ 3000 Floor Platforms

Specifications

Models (Powder coated)	i-DF600B1R	i-DF1500B1R	i-DF1500B1RL	i-DF3000B1RL	i-DF1500B1L
Capacity x Readability	600 kg x 0.2 kg	1500 kg x 0.5 kg		3000 kg x 1 kg	1500 kg x 0.5 kg
Platform Size (A x B x min H)	1000 x 1000 x 90mm		1250 x 1000 x 90 mm		1250 x 1250 x 90 mm
Platform Material	Powder coated carbon steel, raised treaded surface, fixed top plate 5mm thick				
Load Cell Model	4 x IP67 alloy steel, shear beam, OIML C3				
Load Cell Capacity Emax	500 kg	1000 kg		1500 kg	1000 kg
Load Cell Output Impedance	350 ohm ± 3.5 ohm				
Load Cell Excitation Voltage	5V ~ 15V, DC/AC				
Approx. Net Weight	116 kg		138 kg		
Maximum Safe Static Load:					
with Central Load	1500 kg	2500 kg		3800 kg	2500 kg
with Side Load	1000 kg	1500 kg		1800 kg	1500 kg
with Corner Load	500 kg	1000 kg		1200 kg	1000 kg
Junction Box	IP65, 304 stainless steel, 5m long cable equipped with EasyConnect™				
Feet	4 x self-swiveling ball-in-cup design with rubber bottom, adjustable height				
Accessories	Ramps, Mounting Foot Plates, Floor Columns				

Models (Powder coated)	i-DF3000B1L	i-DF1500B1LX	i-DF3000B1LX	i-DF1500B1X	i-DF3000B1X
Capacity x Readability	3000 kg x 1 kg	1500 kg x 0.5 kg	3000 kg x 1 kg	1500 kg x 0.5 kg	3000 kg x 1 kg
Platform Size (A x B x min H)	1250 x 1250 x 90 mm	1500 x 1250 x 90 mm		1500 x 1500 x 90 mm	
Platform Material	Powder coated carbon steel, raised treaded surface, fixed top plate 5 mm thick				
Load Cell Model	4 x IP67 alloy steel, shear beam, OIML C3				
Load Cell Capacity Emax	1500 kg	1000 kg	1500 kg	1000 kg	1500 kg
Load Cell Output Impedance	350 ohm ± 3.5 ohm				
Load Cell Excitation Voltage	5V ~ 15V, DC/AC				
Approx. Net Weight	138 kg	182 kg		185 kg	
Maximum Safe Static Load:					
with Central Load	3800 kg	2500 kg	3800 kg	2500 kg	3800 kg
with Side Load	1800 kg	1500 kg	1800 kg	1500 kg	1800 kg
with Corner Load	1200 kg	1000 kg	1200 kg	1000 kg	1200 kg
Junction Box	IP65, 304 stainless steel, 5m long cable equipped with EasyConnect™				
Feet	4 x self-swiveling ball-in-cup design with rubber bottom, adjustable height				
Accessories	Ramps, Mounting Foot Plates, Floor Columns				

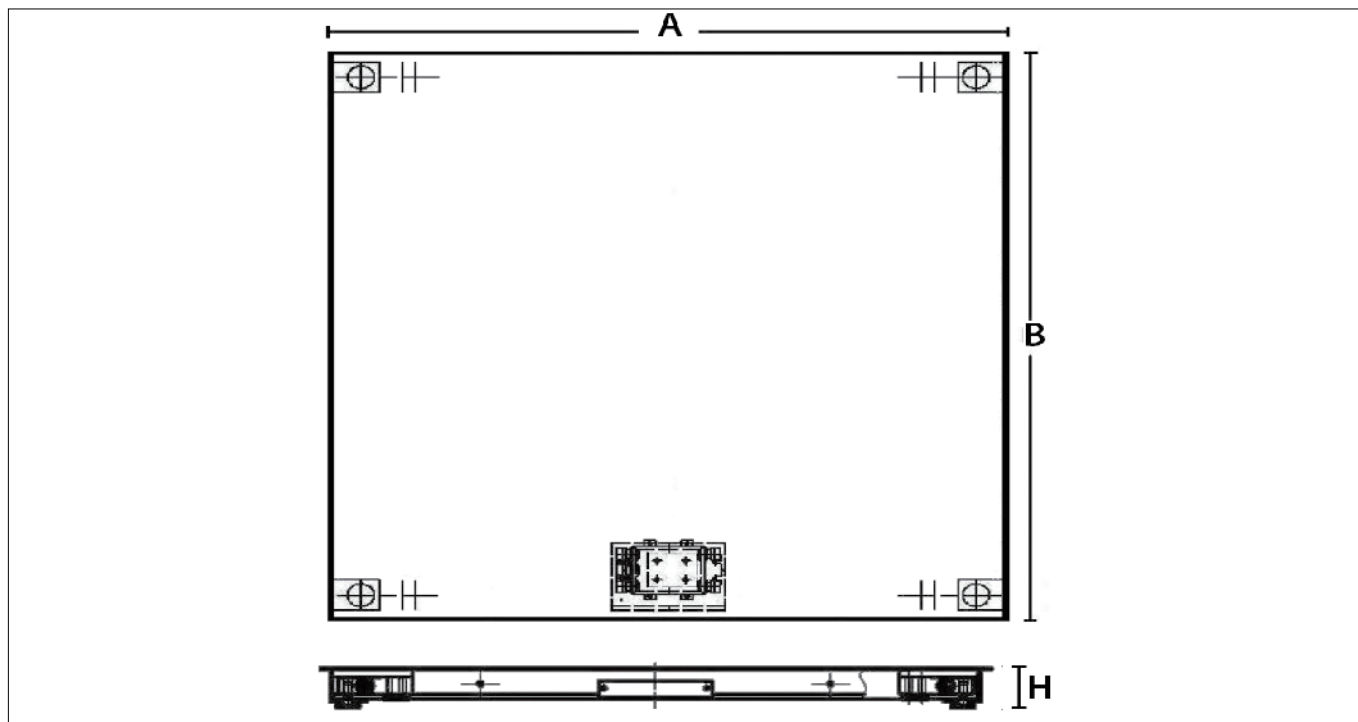
Models (Stainless steel)	i-DF600C1R	i-DF1500C1R	i-DF1500C1RL	i-DF3000C1RL	i-DF1500C1L
Capacity x Readability	600 kg x 0.2 kg	1500 kg x 0.5 kg		3000 kg x 1 kg	1500 kg x 0.5 kg
Platform Size (A x B x min H)	1000 x 1000 x 90 mm		1250 x 1000 x 90 mm		1250 x 1250 x 90 mm
Platform Material	304 stainless steel, sand-blasted flat surface, fixed top plate 5mm thick				
Load Cell Model	4 x IP67 stainless steel, shear beam, OIML C3				
Load Cell Capacity Emax	500 kg	1000 kg		2000 kg	1000 kg
Load Cell Output Impedance	350 ohm ± 3.5 ohm				
Load Cell Excitation Voltage	5V ~ 15V, DC/AC				
Approx. Net Weight	112 kg		138 kg		
Maximum Safe Static Load:					
with Central Load	1500 kg	2500 kg		3800 kg	2500 kg
with Side Load	1000 kg	1500 kg		1800 kg	1500 kg
with Corner Load	500 kg	1000 kg		1200 kg	1000 kg
Junction Box	IP65, 304 stainless steel, 5m long cable equipped with EasyConnect™				
Feet	4 x self-swiveling ball-in-cup design with rubber bottom, adjustable height				
Accessories	Ramps, Mounting Foot Plates, Floor Columns				

DEFENDER™ 3000 Floor Platforms

Specifications

Models (Stainless steel)	i-DF3000C1L	i-DF1500C1LX	i-DF3000C1LX	i-DF1500C1X	i-DF3000C1X
Capacity x Readability	3000 kg x 1 kg	1500 kg x 0.5 kg	3000 kg x 1 kg	1500 kg x 0.5 kg	3000 kg x 1 kg
Platform Size (A x B x min H)	1250 x 1250 x 90 mm	1500 x 1250 x 90 mm		1500 x 1500 x 90 mm	
Platform Material	304 stainless steel, sand-blasted flat surface, fixed top plate 5mm thick				
Load Cell Model	4 x IP67 stainless steel, shear beam, OIML C3				
Load Cell Capacity Emax	2000 kg	1000 kg	2000 kg	1000 kg	2000 kg
Load Cell Output Impedance	350 ohm ± 3.5 ohm				
Load Cell Excitation Voltage	5V ~ 15V, DC/AC				
Approx. Net Weight	138 kg	174 kg			
Maximum Safe Static Load:					
with Central Load	3800 kg	2500 kg	3800 kg	2500 kg	3800 kg
with Side Load	1800 kg	1500 kg	1800 kg	1500 kg	1800 kg
with Corner Load	1200 kg	1000 kg	1200 kg </td <td>1000 kg</td> <td>1200 kg</td>	1000 kg	1200 kg
Junction Box	IP65, 304 stainless steel, 5m long cable equipped with EasyConnect™				
Feet	4 x self-swiveling ball-in-cup design with rubber bottom, adjustable height				
Accessories	Ramps, Mounting Foot Plates, Floor Columns				

Outline Dimensions (Platform Size)



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

Other Standard Features and Equipment

Four shear beam load cells for durable precision with height adjustment feet, available second stage verified scale models 1:3000e with OHAUS indicators and fixed-location mounting plates, painted and stainless steel floor stands (available as accessories)

Compliance

- **Metrology:** Load Cell: OIML (R60/2000-NL1-12.12, R60/2000-NL1-11.28, R60/2000-CN1-06.05). EN45501 (TC8012, TC8010, D09-05.19)
- **Ingress Protection:** IEC 60529 – IP67 (Load Cell), IEC 60529 – IP65 (Junction Box)
- **Compliance Marks:** CE, UKCA
- **Other:** WEEE, RoHS

DEFENDER™ 3000 U-Frame Pallet

Specifications

Scale Models (Powder coated)	i-DFP1500B1
Capacity x Readability	1500 kg x 0.5 kg
Platform Size (A x B x min H)	1260 x 840 x 90 mm
Platform Material	Carbon steel, painted
Load Cell Model	4 x IP67 alloy steel, shear beam, OIML C3
Load Cell Capacity Emax	1000 kg
Load Cell Output Impedance	350 ohm ± 3.5 ohm
Load Cell Excitation Voltage	5V ~ 15V, DC/AC
Approx. Net Weight	51 kg
Junction Box	IP65, 304 stainless steel, 5m long cable equipped with EasyConnect™
Feet	2 x front edge rollers with 4 x self-swiveling ball-in-cup design with rubber bottom
Accessories	Foot Plates, Column
Scale Models (Stainless steel)	i-DFP1500C1
Capacity x Readability	1500 kg x 0.5 kg
Platform Size (A x B x min H)	1260 x 840 x 90 mm
Platform Material	Stainless steel, sand-blasted
Load Cell Model	4 x IP67 stainless steel, shear beam, OIML C3
Load Cell Capacity Emax	1000 kg
Load Cell Output Impedance	350 ohm ± 3.5 ohm
Load Cell Excitation Voltage	5V ~ 15V, DC/AC
Approx. Net Weight	47 kg
Junction Box	IP65, 304 stainless steel, 5m long cable equipped with EasyConnect™
Feet	2 x front edge rollers with 4 x self-swiveling ball-in-cup design with rubber bottom
Accessories	Foot Plates, Column

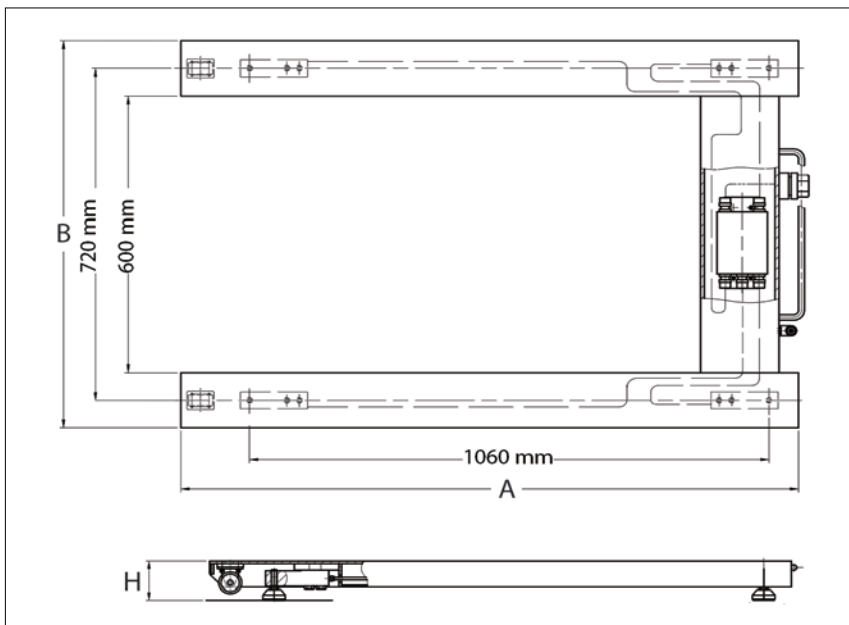
Other Standard Features and Equipment

Four shear beam load cells for durable precision with height adjustment feet, available second stage verified scale models 1:3000e with OHAUS indicators and fixed-location mounting plates, painted and stainless steel floor stands (available as accessories)

Compliance

- **Metrology:** Load Cell: OIML (R60/2000-NL1-12.12, R60/2000-NL1-11.28, R60/2000-CN1-06.05). EN45501 (TC8012, TC8010, D09-05.19)
- **Ingress Protection:** IEC 60529 – IP67 (Load Cell), IEC 60529 – IP65 (Junction Box)
- **Compliance Marks:** CE, UKCA
- **Other:** WEEE, RoHS

Outline Dimensions (Pallet Size)



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

