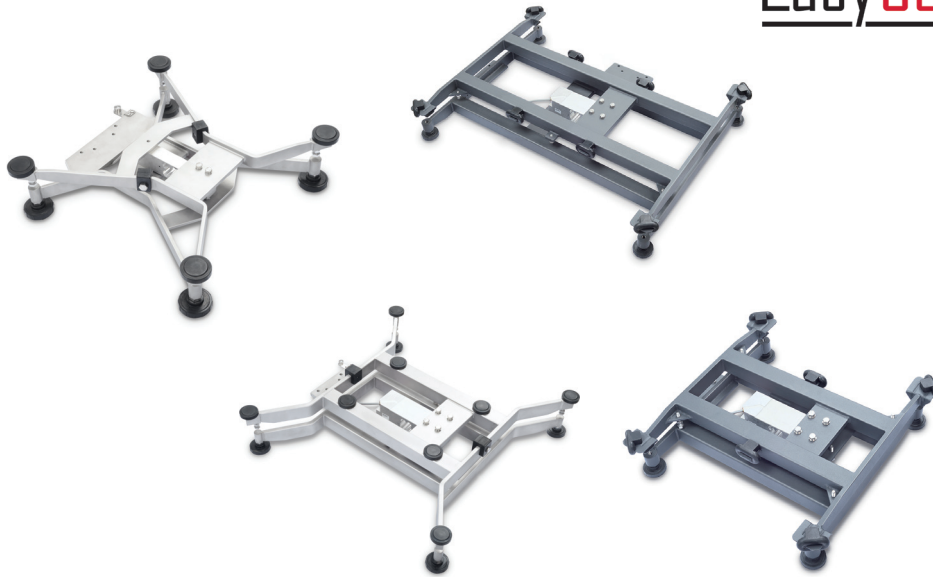




# DEFENDER<sup>®</sup> 5000

Bases



## *Durable Bases for the Most Demanding of Industrial Applications*

The OHAUS next generation Defender 5000 R and W Series bases offer two levels of durability for the most demanding of industrial applications. Both bases offer moisture-protected single-point load cells, steel construction, non-slip rubber adjustable feet, removable stainless steel weighing pans, and integrated leveling bubbles. Maximum non-approved resolution of 1:15,000d meets the needs of industrial weighing applications that require extreme accuracy.

### *Unique Features:*

- **Durably Constructed To Withstand Harsh Industrial Environments**

The R Series features a stainless steel platform, powder-painted steel frame and an aluminum load cell. The W series features a stainless steel platform, frame, and aluminum loadcell.

- **Install Easily with the EasyConnect™ Feature**

The Defender 5000 bases are equipped with an EasyConnect cable, which allows instant configuration with Defender 5000 (TD52) indicators, speeding up installation.

- **Backed by Global Approvals for Legal-for-Trade Applications**

Defender 5000 bases carry OIML and EC Type approvals, which make them ideal for legal-for-trade use.

*Ingeniously Practical*

# DEFENDER® 5000 Bases

## Specifications

Model	D6RQDR	D15RQDR	D15RQDL	D30RQDL	D60RQDL	D60RQDX	D150RQDX
Capacity × Default Readability	3/6 kg × 0.2/0.5 g	6/15 kg × 0.5/1 g		15/30 kg × 1/2 g	30/60 kg × 2/5 g		60/150 kg × 5/10 g
Capacity × Certified/ Approved Readability	3/6 kg × 1/2 g	6/15 kg × 2/5 g		15/30 kg × 5/10 g	30/60 kg × 10/20 g		60/150 kg × 20/50 g
Approved Resolution	OIML 2 × 3000e						
Safe Overload Capacity	150% of capacity						
Base Construction	Stainless steel removable weighing platform, powder-coated steel base construction						
Linearity/Repeatability	± 2d						
Load Cell Capacity	11 kg	22 kg		50 kg	100 kg		250 kg
Load Cell Cable	2 m L x 6-wire						
Load Cell Type	350 Ohm, aluminum, single point						
Load Cell Excitation	5-15V DC/AC						
Load Cell Rated Output	2mV/V						
Load Cell Protection	IP67						
Base Dimensions (B x A x C x D x E)	305 × 305 × 99 × 52 × 338 mm		400 × 400 × 120 × 70 × 428 mm			500 × 500 × 120 × 80 × 523 mm	
Shipping Dimensions (L x W x H)	480 × 445 × 363 mm		800 × 600 × 235 mm			994 × 680 × 235 mm	
Net Weight	6.5 kg		8.6 kg			19 kg	
Shipping Weight	8 kg		10 kg			21 kg	

Model	D60RQDV	D150RQDV	D300RQDV	D150RTDV	D300RTDV	D600RTDV
Capacity × Default Readability	30/60 kg × 2/5 g	60/150 kg × 5/10 g	150/300 kg × 10/20 g	60/150 kg × 5/10 g	150/300 kg × 10/20 g	300/600 kg × 20/50 g
Capacity × Certified/ Approved Readability	30/60 kg × 10/20 g	60/150 kg × 20/50 g	150/300 kg × 50/100 g	60/150 kg × 20/50 g	150/300 kg × 50/100 g	300/600 kg × 100/200 g
Approved Resolution	OIML 2 × 3000e					
Safe Overload Capacity	150% of capacity					
Base Construction	Stainless steel removable weighing platform, powder-coated steel base construction					
Linearity/Repeatability	± 2d					
Load Cell Capacity	100 kg	250 kg	500 kg	250 kg	500 kg	750 kg
Load Cell Cable	2 m L x 6-wire					
Load Cell Type	350 Ohm, aluminum, single point					
Load Cell Excitation	5-15V DC/AC					
Load Cell Rated Output	2mV/V					
Load Cell Protection	IP67					
Base Dimensions (B x A x C x D x E)	610 × 610 × 130 × 90 × 633 mm			800 × 600 × 132 × 90 × 821 mm		
Shipping Dimensions (L x W x H)	1165 × 780 × 235 mm			1165 × 780 × 235 mm		
Net Weight	31 kg			39 kg		
Shipping Weight	34 kg			42 kg		

# DEFENDER® 5000 Bases

## Specifications

Model	D6WQDR	D15WQDR	D15WQDL	D30WQDL	D60WQDL	D60WQDX	D150WQDX
Capacity × Default Readability	3/6 kg × 0.2/0.5 g	6/15 kg × 0.5/1 g		15/30 kg × 1/2 g	30/60 kg × 2/5 g		60/150 kg × 5/10 g
Capacity × Certified/Approved Readability	3/6 kg × 1/2 g	6/15 kg × 2/5 g		15/30 kg × 5/10 g	30/60 kg × 10/20 g		60/150 kg × 20/50 g
Approved Resolution	OIML 2 × 3000e						
Safe Overload Capacity	150% of capacity						
Base Construction	Stainless steel removable weighing platform with stainless steel frame						
Linearity/Repeatability	± 2d						
Load Cell Capacity	11 kg	22 kg		50 kg	100 kg		250 kg
Load Cell Cable	1.5 m L x 6-wire			2 m L x 6-wire			
Load Cell Type	350 Ohm, aluminum, single point						
Load Cell Excitation	5-15V DC/AC						
Load Cell Rated Output	2mV/V						
Load Cell Protection	IP67						
Base Dimensions (B x A x C x D x E)	305 × 305 × 99 × 60 × 328 mm		400 × 400 × 120 × 70 × 423 mm			500 × 500 × 120 × 80 × 523 mm	
Shipping Dimensions (L x W x H)	480 × 445 × 363 mm		800 × 600 × 235 mm			994 × 680 × 235 mm	
Net Weight	6 kg		8.6 kg			17 kg	
Shipping Weight	8.5 kg		10 kg			19 kg	

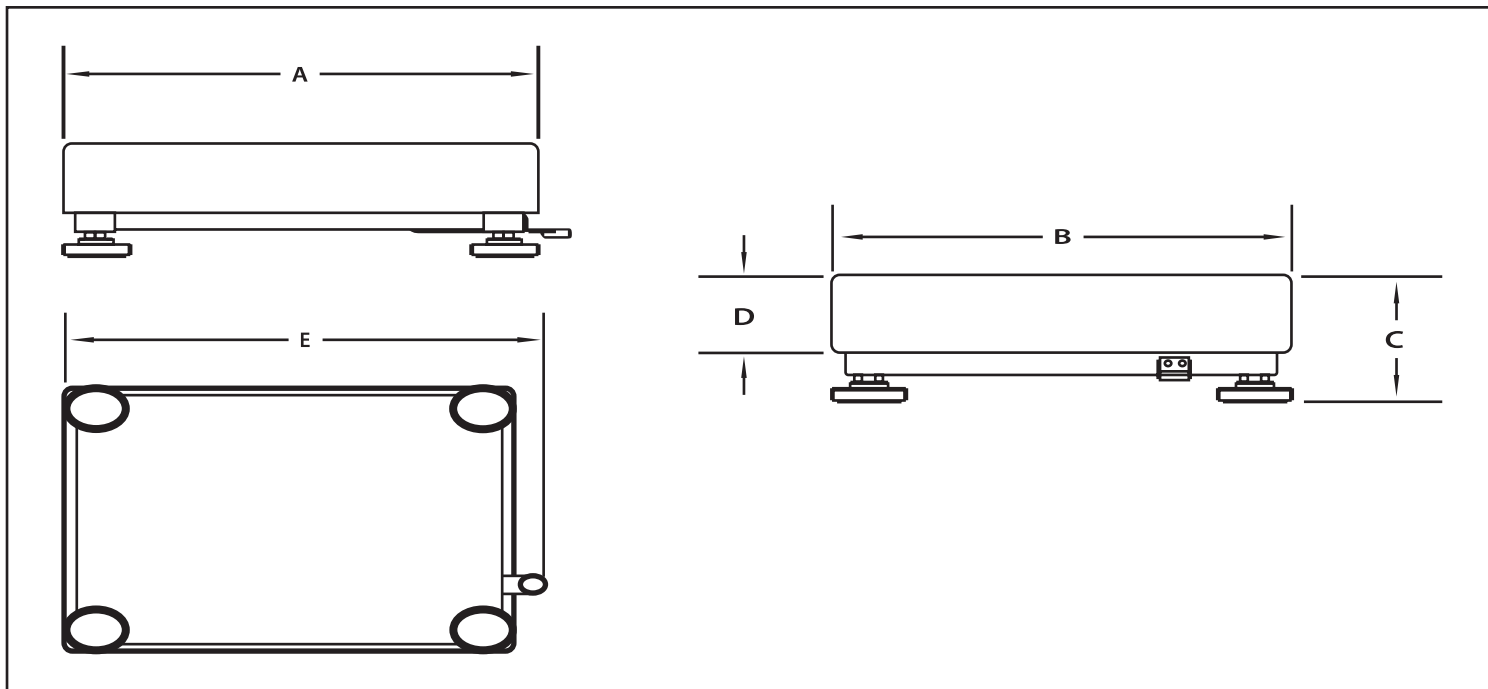
Model	D60WQDV	D150WQDV	D300WQDV	D150WTDV	D300WTDV	D600WTDV
Capacity × Default Readability	30/60 kg × 2/5 g	60/150 kg × 5/10 g	150/300 kg × 10/20 g	60/150 kg × 5/10 g	150/300 kg × 10/20 g	300/600 kg × 20/50 g
Capacity × Certified /Approved Readability	30/60 kg × 10/20 g	60/150 kg × 20/50 g	150/300 kg × 50/100 g	60/150 kg × 20/50 g	150/300 kg × 50/100 g	300/600 kg × 100/200 g
Approved Resolution	OIML 2 × 3000e					
Safe Overload Capacity	150% of capacity					
Base Construction	Stainless steel removable weighing platform with stainless steel frame					
Linearity/Repeatability	± 2d					
Load Cell Capacity	100 kg	250 kg	500 kg	250 kg	500 kg	750 kg
Load Cell Cable	2 m L x 6-wire					
Load Cell Type	350 Ohm, aluminum, single point					
Load Cell Excitation	5-15V DC/AC					
Load Cell Rated Output	2mV/V					
Load Cell Protection	IP67					
Base Dimensions (B x A x C x D x E)	610 × 610 × 130 × 90 × 633 mm			800 × 600 × 132 × 90 × 822 mm		
Shipping Dimensions (L x W x H)	1165 × 780 × 235 mm			1165 × 780 × 235 mm		
Net Weight	31 kg			39 kg		
Shipping Weight	34 kg			42 kg		

Model	D15WQR	D15WQL	D30WQL	D60WQL	D60WQX	D150WQX	D60WQV	D150WQV	
Capacity × Default Readability	15 kg × 1 g		30 kg × 2 g	60 kg × 5 g		150 kg × 10 g	60 kg × 5 g	150 kg × 10 g	
Capacity × Certified /Approved Readability	15 kg × 5 g		30 kg × 10 g	60 kg × 20 g		150 kg × 50 g	60 kg × 20 g	150 kg × 50 g	
Approved Resolution	OIML 3000e								
Safe Overload Capacity	150% of capacity								
Base Construction	Stainless steel removable weighing platform with stainless steel frame								
Linearity/Repeatability	± 2d								
Load Cell Capacity	30 kg		50 kg	100 kg	150 kg	300 kg	150 kg	300 kg	
Load Cell Cable	2 m L x 6-wire								
Load Cell Type	350 Ohm, stainless steel, single point								
Load Cell Excitation	5-15V DC/AC								
Load Cell Rated Output	2mV/V								
Load Cell Protection	IP67								
Base Dimensions (B x A x C x D x E)	305 × 305 × 95 × 60 × 328 mm		400 × 400 × 120 × 70 × 423 mm			500 × 500 × 120 × 80 × 523 mm		610 × 610 × 130 × 90 × 633 mm	
Shipping Dimensions (L x W x H)	480 × 445 × 363 mm		800 × 600 × 235 mm			994 × 680 × 235 mm		1165 × 780 × 235 mm	
Net Weight	6 kg		8.6 kg	39 kg	17 kg		31 kg		
Shipping Weight	8.5 kg		10 kg	42 kg	19 kg		34 kg		

# DEFENDER<sup>®</sup> 5000 Bases

## Dimensions



## Compliance

- **Metrology:** Metrology: OIML (Load Cells: Certificates R60/2000-NL1-12-41, R60/2000-NL1-12-42, R60/2000-NL1-12-43, R60/2000-NL1-14.24)
- **Compliance Marks:** CE

## Construction

R Series Base: 304-grade stainless steel platform, sand grey powder coated steel frame, aluminum load cell, level indicator

W Series Base: 304-grade stainless steel platform, stainless steel frame, IP67 load cell, stainless steel level indicator

## Accessories

Column Kit, 35 cm, CS, D52 .....	30424410
Column Kit, 68 cm, CS, D52 .....	30424411
Column Kit, 98 cm, CS, D52 .....	30424412
Column Kit, 35 cm, SST, D52 .....	30424413
Column Kit, 68 cm, SST, D52 .....	30424414
Column Kit, 98 cm, SST, D52 .....	30424415
Front Mount Kit, D52 .....	30424024
Print Holder Kit, D52 .....	30424025
LC Extension Cable, 9 meters, D52 <sup>1</sup> .....	30424409
Load Cell Cable Adapter Kit, to D52 Base .....	30429931
Wheel Kit, Defender Series (for bases up to 300 kg) <sup>1</sup> ..	30372146
Wheel kit, SST, Defender Series <sup>1</sup> .....	30616409

<sup>1</sup> Cannot be used for legal-for-trade applications

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CH16B065



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