



Versatile.

Rugged.

Affordable.

Ohaus Champ[™] Scale Bases

The performance, durability and repeatability required by your most demanding applications are met by the Ohaus Champ Scale Bases. Designed for strength and durability, Ohaus Scale Bases will perform in your application and within your budget.

Ohaus Champ Scale Bases



Ohaus is proud to offer you an unsurpassed selection of 18 versatile, rugged and reliable scale bases for industrial use. These NTEP certified bases are designed to meet the demands of your most punishing industrial applications.

To guarantee the precision, performance, and durability you require, our innovative bases feature rugged construction characteristics. The frames are manufactured from aluminum, steel, or stainless steel in either a welded tubular shape or unique H-frame design, and a wrap around structure is incorporated to protect the load cell.

You'll also appreciate the many additional design benefits which include five overload stops to prevent overload and shock damage to the load cell, non-skid adjustable feet for stability and ease of leveling, and shipping screws to protect the load cell from shipping damage. And, to give you maximum ease of operation, the bases are designed with a low profile to keep lifting to a minimum.

With weighing capacities ranging from 10 to 250 kg, three dimension options and various platform finishes, the Ohaus Champ Scale Bases are versatile enough to meet virtually all applications.

Select The Right Champ Scale Base For Your Application

With 18 models to choose from, you're sure to find the exact base for your specific needs. Consult the matrix below to identify the appropriate base.

All types of weighing applications can be accommodated — from general purpose to washdown. And with rigid construction built into every base, even bulky, off-center loads are weighed easily and precisely.

Model Type

After identifying the capacity and base size that meets your application needs, simply select one of the following bases: the General Purpose Scale Base, Multi-Functional Scale Base, or the Washdown Scale Base. Each type offers its own unique set of performance features as a result of its specific design, construction, materials and finish. All models provide 2.7m of load cell cable for indicator attachment, including sense leads for remote indicator location. Base, tower, and wall mounts are easily accommodated.

Champ Scale Base Selection Matrix

Ohaus Champ Scale Bases are available in three weighing capacity ranges, and three corresponding sizes with various platform and frame materials. Use the scale base selector matrix to help identify the Champ Scale Base for your application.

Base Size (cm) \ Capacity (kg)	General Purpose Scale Base	Multi-Functional Scale Base	Washdown Scale Base
30 x 30 / 10 - 25	Painted Steel Platform Painted Aluminum Frame	Stainless Steel Platform Painted Aluminum Frame	Stainless Steel Platform Stainless Steel Frame
45 x 45 / 50 - 100	Painted Steel Platform Painted Steel Frame	Stainless Steel Platform Painted Steel Frame	Stainless Steel Platform Stainless Steel Frame
60 x 60 / 150 - 250	Painted Steel Platform Painted Steel Frame	Stainless Steel Platform Painted Steel Frame	Stainless Steel Platform Stainless Steel Frame

General Purpose Scale Base

Quality, reliability and precision at an affordable cost make the General Purpose Scale Base the ideal choice for shipping, warehousing, and incoming goods. With both the platform and frame manufactured with a durable, epoxy powder coating, the General Purpose Scale Base offers excellent chemical resistance.

SPECIFICATIONS

MODEL	B10P	B25P	B50P	B100P	B150P	B250P
Capacity (kg)	10	25	50	100	150	250
Readability (kg) (Non type approved)	0.001	0.002	0.005	0.01	0.01	0.02
Readability* (kg) (Type approved)	0.005	0.01	0.02	0.05	0.1	0.1
Repeatability (Std. dev.) †	± 0.01%					
Linearity †	± 0.03%					
Safe overload capacity †	150%					
Load cell excitation (V dc)	5 to 15					
Operating temperature range	-10° to 40° C					
Scale base size (WxDxH) (cm)	30 x 30 x 8.6		45 x 45 x 9.1		60 x 60 x 14.8	
Scale base construction	Painted steel					
Platform	Painted steel					
Frame	Painted aluminum			Painted steel		
Net weight (kg)	4.5		16		32	
Shipping weight (kg)	6		19		37	

* In type approved applications, readability is limited to capacity/n_{max}
 † Specifications are given as a percent of the rated load.

Multi-Functional Scale Base

The Multi-Functional Scale Base features a stainless steel platform to provide the chemical resistance and durability required for many applications, including batching and filling. In addition, this versatile scale base offers the design features and precision needed to perform in demanding industrial weighing applications.

SPECIFICATIONS

MODEL	B10S	B25S	B50S	B100S	B150S	B250S
Capacity (kg)	10	25	50	100	150	250
Readability (kg) (Non type approved)	0.0005	0.001	0.002	0.005	0.005	0.01
Readability* (kg) (Type approved)	0.002	0.005	0.01	0.02	0.05	0.05
Repeatability (Std. dev.) †	± 0.01%					
Linearity †	± 0.02%					
Safe overload capacity †	150%					
Load cell excitation (V dc)	5 to 15					
Operating temperature range	-10° to 40° C					
Scale base size (WxDxH) (cm)	30 x 30 x 8.6		45 x 45 x 9.1		60 x 60 x 14.8	
Scale base construction	Stainless steel					
Platform	Stainless steel					
Frame	Painted aluminum			Painted steel		
Net weight (kg)	4.5		16		32	
Shipping weight (kg)	6		19		37	

* In type approved applications, readability is limited to capacity/n_{max}
 † Specifications are given as a percent of the rated load.

Washdown Scale Base

The Washdown Scale Base features stainless steel construction of both platform and frame enabling it to perform reliably in wet or moist environments. It is also well suited for use with chemicals due to its corrosion resistance. The aluminum load cell on models B150AS and B250AS have an IP 65 rating. All other models have an IP 54 rating.

SPECIFICATIONS

MODEL	B10AS	B25AS	B50AS	B100AS	B150AS	B250AS
Capacity (kg)	10	25	50	100	150	250
Readability (kg) (Non type approved)	0.0005	0.001	0.002	0.005	0.005	0.01
Readability* (kg) (Type approved)	0.002	0.005	0.01	0.02	0.05	0.05
Repeatability (Std. dev.) †	± 0.01%					
Linearity †	± 0.02%					
Safe overload capacity †	150%					
Load cell excitation (V dc)	5 to 15					
Operating temperature range	-10° to 40° C					
Scale base size (WxDxH) (cm)	30 x 30 x 8.6		45 x 45 x 9.1		60 x 60 x 14.8	
Scale base construction	Stainless steel					
Platform	Stainless steel					
Frame	Stainless steel					
Net weight (kg)	4.5		16		32	
Shipping weight (kg)	6		19		37	

* In type approved applications, readability is limited to capacity/n_{max}
 † Specifications are given as a percent of the rated load.

Simple To Order

Contact your dealer for product availability as well as warranty information.

ISO 9001

The ISO 9001 certification of our Quality Management System represents a confirmation of the commitment to quality that Ohaus has made for over 87 years. Worldwide, it assures our customers of quality in the design, development, production, sales and servicing of Ohaus weighing and measuring equipment.

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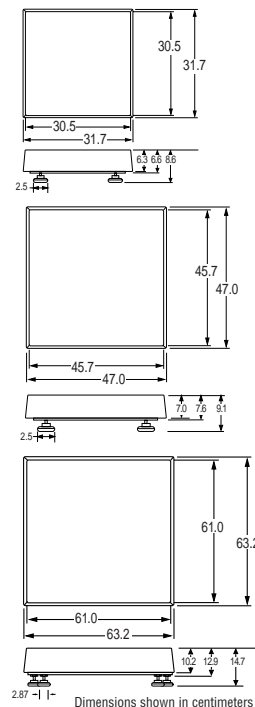
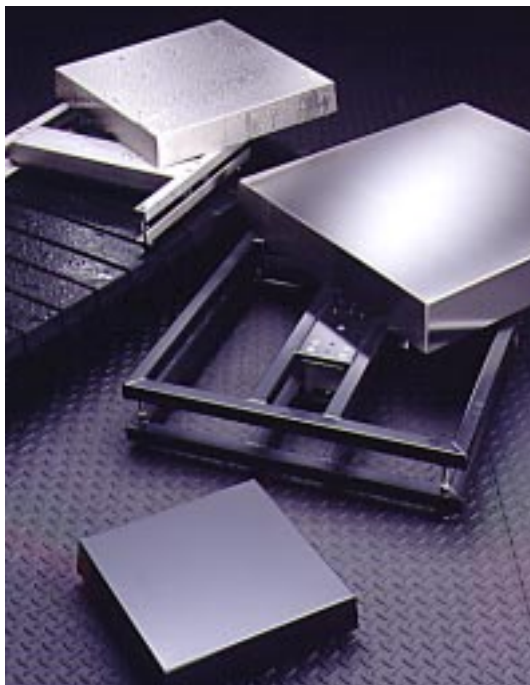
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* **ISO 9001**
Registered Quality Management System

* **ISO 9002**
Registered Quality Management System

INTERNET ADDRESS: www.ohaus.com



Optional Accessories

Description	Part Number	Ohaus Indicator Compatibility
*Tower Accessory Kit – 76.2 cm painted aluminium/steel	77689-02	Champ Base accessories are compatible with the following Ohaus Indicators: I5S, I10, I20W
*Tower Accessory Kit – 76.2 cm stainless steel	78177-01	
Wall Mount Accessory Kit – painted steel	77688-01	
Wall Mount Accessory Kit – stainless steel	76972-00	
Base Mount Accessory Kit – painted steel	78187-01	
Base Mount Accessory Kit – stainless steel	78187-02	

*Adjustable height and angle

Champ Scale Bases	NIST HB44 Class III NTEP No. 95-151	-10° to 40°C
B150P		n _{max} 1500
B100P		n _{max} 2000
B10P, B25P, B50P, B250P		n _{max} 2500
B150S, B150AS		n _{max} 3000
B10S, B10AS, B25S, B25AS, B50S, B50AS, B100S, B100AS, B250S, B250AS		n _{max} 5000

