mobergs

HÖFELMEYER
Waagen Prozesse Service

Drive Through Scale

unique | hygienic design | robust construction



Save valuable time: Integrate the scale into your process.

- Sophisticated equipment
- Designed with hygiene aspects

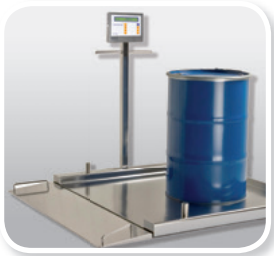


Scales are increasingly being integrated into production processes in order to make them more efficient.

Applications requiring the weighing of large quantities and containers offer the greatest potential for savings as more costly handling is needed in such cases.

Traditional floor scales are often a mechanical obstacle in the production process while flush installation in a floor pit hides a number of disadvantages. Höfelmeyer Drive Through Scale DT offer a practical, time-saving solution.





Höfelmeyer Drive Through Scale DT – High reliability hygiene





Handling of the Höfelmeyer Drive Through Scale

Reduce risks.

Safety due to application and industry-specific materials, protection classes and conformities.

Highest quality surface finish on request

German DIN Standard 11850 considers mean surface roughness of Ra <0.8 µm to be adequate for sterile processes. For the most demanding applications we also offer a surface finish quality of <0.4 µm.

Explosion protection available as standard

Optionally, all models of series IFP4 and IFS4 are suitable for installation in potentially explosive atmospheres (Zones 2 and 22).
ATEX: II 3 GD EEx nR II T6 T80°C

Ex-series models IFXS4 are suitable for installation in potentially explosive atmospheres (Zones 1 and 21 as well as 2and 22) and comply with IP69K.
ATEX: II 2 GD EEx ib II C T4 T150°C

Display resolutions and use in legal metrology

Display resolutions of up to 15,000 steps are possible, in legal metrology up to 2+3000e as a multiple-range scale. Higher resolutions of up to 60,000 scale intervals for weighing in smaller quantities are available on request. The minimum initial weight can be provided with a DKD certificate if required. All scales have PTB test certificates and are suitable for use in legal metrology. Suitable scale indicators can be found in the broad range of Sartorius weighing and process indicators. On request we also supply DKD certificates and/or manufacturer's test reports.

GMP/HACCP

The constructional details of the scales (materials, protection classes, surfaces) and the associated manufacturer's certificates are the basis for use in the regulated industries (pharmaceutical, food and drink, cosmetics). We support integration in the validation process (IQ/OQ), through to the Factory Acceptance Test (FAT).

Benefits

- Easy handling due to ergonomic design and sophisticated equipment.
- Ideal for clean rooms in the pharmaceutical industry, for example, as they are designed with hygiene aspects.
- Suitable for operation with aggressive substances due to the use of resistant materials.
- Very easy wet cleaning e.g. in wet production facilities in the food industry.
- Freely moveable due to rollers and steering drawbar.
- Low maintenance costs and long service life due to robust construction.
- Customization on request.

NIOSH

Foldable models (option T8) comply with the NIOSH requirement for cleaning by one person with minimum effort.



Intelligent details provide a high level of practical benefits.

Hygienic Design

Intelligent details provide a high level of practical benefits. Hygienic Design IF flat-bed scales are designed for use in hygienically sensitive areas: They comply with EHEDG regulations, prevent contamination due to best stainless steel quality and surface features and are resistant to moisture and dust thanks to protection classes up to IP69K.

Very flat design

Height in drive-through section only 35 mm, optionally as little as 25 mm, facilitating short drive-on ramps with very flat drive-on angles. In the case of pit installation the required pit depth is only approx. 25 mm.

Low space requirement

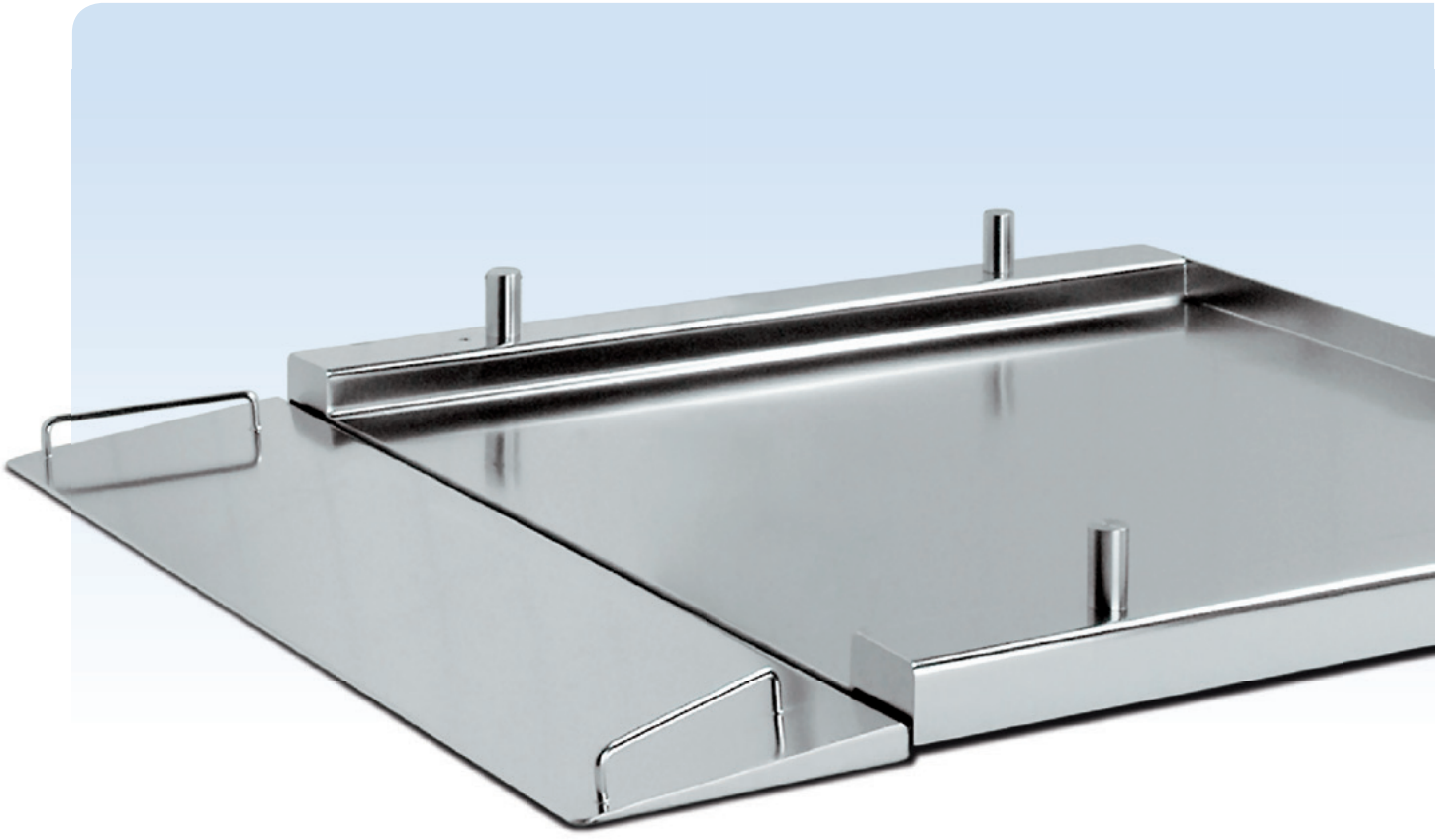
The very short, removable ramp takes up a small amount of production space and leaves more room for transport routes.

Easy and safe

Thanks to the very flat drive-on angle, loads of 1 t and more can be driven on easily and safe.

Saves time and effort

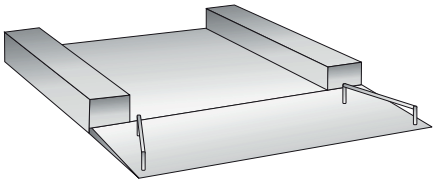
Easy to handle due to extendable rollers and steering g drawbar.





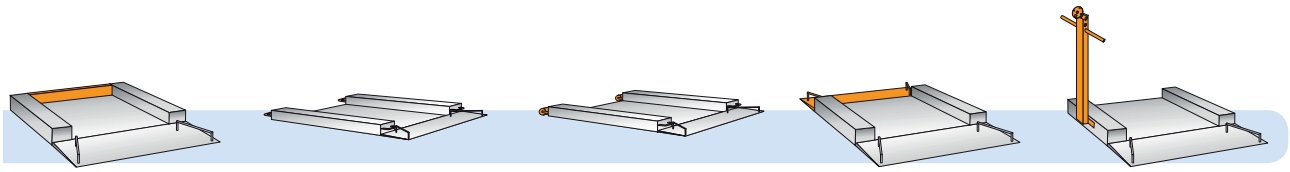
The Höfelmeyer Drive Through Scale DT can be combined with different terminals.

Choose your solution from a variety of designs and options.

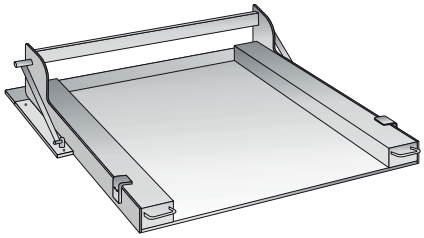


Standard models

Loads of over 1 t can be placed on the platform effortlessly. This is made possible by the very low height of the platform and low rise drive-on ramps (extremely space-saving).

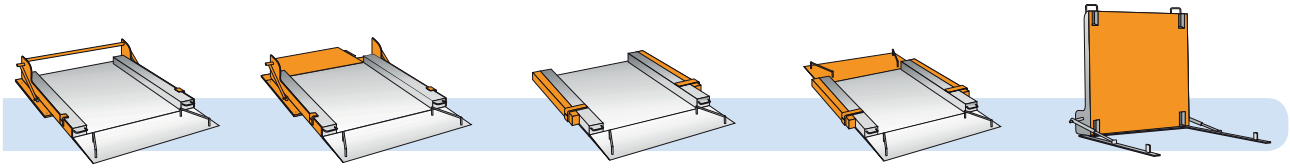


- **Option T4**
  Includes drive–through protection for exclusively one-sided loading and unloading
- **Option T13**
  4 transport grips on the front and rear sides
- **Option T6**
  Rollers on the rear side and grips on the front side for one-sided lifting and handling
- **Option T15**
  Second ramp for two-sided access and use as a drive-through scale
- **Option T14**
  Support arm for attaching an electronic scale display

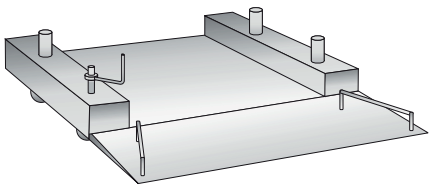


Fold-up model

Ideal for stationary applications; the platform is folded up to clean the scale and floor.

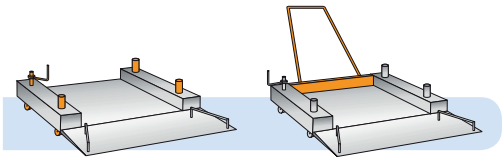


- **Option T8**
  Premium folding device; complies with NIOSH specifications for one-person operability (required lifting force < 20 kg)
- **Option T12**
  As option T8 but with second ramp for two-sided access and use as a drive-through scale
- **Option T10**
  Basic folding device with folding hinge and gas-pressurized spring for 2 man operation
- **Option T11**
  As option T10 but with second ramp for two-sided access and use as a drive-through scale
- **Option T9**
  Cover plate for added protection of the underside of the platform with openings for the load feet



Models with wheels

The variant with foldaway wheels can be handled by a single operator – ideal for changing points of use and easy cleaning of underneath floor surface.



- **Option T7**
  4 built-in foldaway wheels which can be lowered for easy handling of platform
- **Option T5**
  Steering drawbar for easy pushing, combined with drive-through protection as standard

Technical Data

Weighing ranges

Weighing ranges from 150 kg to 3,000 kg cover almost all requirements. The scales are protected against overload. Customizable weighing ranges are available on request.

Platformsizes and designs

Sizes from 600 x 600 mm to 2,000 x 1,500 mm are available for selection according to container size and weighing range. The basic designs are complemented by a range of options. Special sizes on request.

Special designs

In order to adapt the product to your process, we also produce special solutions, for example special constructional systems, grips, frames and storage for special or batch containers. Anything is possible – right up to batching and filling solutions.

		Dimensions in mm (A x B)										
		600 x 600	800 x 600	800 x 800	1000 x 600	1000 x 800	1000 x 1000	1250 x 1000	1250 x 1250	1500 x 1250	1500 x 1500	2000 x 1500
Weighing range	**Resolution**											
150 kg	10 g *	■	■	■	■	■	■	■	■	■	■	■
150 kg	50 g	■	■	■	■	■	■	■	■	■	■	■
60/150 kg	20/50 g	■	■	■	■	■	■	■	■	■	■	■
300 kg	20 g *	■	■	■	■	■	■	■	■	■	■	■
300 kg	100 g	■	■	■	■	■	■	■	■	■	■	■
150/300 kg	50/100 g	■	■	■	■	■	■	■	■	■	■	■
600 kg	50 g *	■	■	■	■	■	■	■	■	■	■	■
600 kg	200 g	■	■	■	■	■	■	■	■	■	■	■
300/600 kg	100/200 g	■	■	■	■	■	■	■	■	■	■	■
1500 kg	100 g		■	■	■	■	■	■	■	■	■	■
1500 kg	500 g		■	■	■	■	■	■	■	■	■	■
600/1500 kg	200/500 g		■	■	■	■	■	■	■	■	■	■
3000 kg	200 g *						■	■	■	■	■	■
3000 kg	1000 g						■	■	■	■	■	■
1500/3000 kg	500/1000 g						■	■	■	■	■	■

* 1x15000d · 1x3000d · 1x 600e on request · 3x3000e (Multiple-Range) on request.
Special designs and solutions on request.

Counting scale

Mobile scale

FPVO Fertigpackungs-verordnung
Regulations on packaging

Proportioning scale

Online control

Filling scale

Scales for formulation

Checkweigher

Ex-proof

2.100072.01/04.2017

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Specifications subject to change without notice.

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