



Drive-through platform scale.

Technical Specification

DESCRIPTION

The H506 is a drive through floor scale with an ultra-low profile for quick and safe loading. The scale allows wheeled bins and drums to be easily pushed on and off while being strong enough to support pallets loaded from the side. The H506 was designed to operate under some of the most intense and demanding weighing applications while providing fast, accurate weighments. The stainless steel version is suitable for use in heavy washdown environments.

DESIGN

Low profile design – With a weighing surface only 40 mm off the ground, the H506 allows operators to safely and effortlessly push loaded carts up onto the scale. The smooth surface rails are solid and can support the scale if loaded from the side with a forklift truck. The increased height allows pallets/silages to be placed on the side rails and still allows easy access for the forklift to enter and easily retract.

Built to last – With a high strength design, the H506 is designed for environments that require heavy, round the clock operation. Its high weld construction results in reduced downtime, lower maintenance charges and a longer life cycle.

Material finish – The H506 comes in choices of mild or stainless steel. The hard wearing Antic Silver coating on the mild steel scale provides protection against corrosion without compromising its high-end polished appearance. The H506 is available in stainless steel to meet the growing demand for hygienic floor scales.

Highly robust – The H506 comes with high strength steel deck plates designed to provide unmatched rigidity. Top plates are connected to internal steel channels providing greater support and strength.

Serviceability – For service and calibration, the H506 design provides easy access to the weight sensor and junction box - located underneath the deck's side rails.

Side rails – The side rails on the H506 provide two way access for loading. Larger objects can be placed on the side rails which also serve as part of the weighing surface.

Inherent protection – The junction box is welded onto the deck frame providing protection for internal components. The load cell cables are protected by watertight hubs.

High steel content – With considerably more steel content than most platforms, the H506 is designed to operate under extremely demanding conditions.

No pit needed – The H506 combines a stable, heavy-duty construction with a low platform height to make loading fast, simple and safe. Due to its low profile design, the H506 does not need to be pit mounted.

Built for safety – The H506's deck texture pattern provides higher traction in wet and slippery conditions.

Optional ATEX variants – For potentially explosive and hazardous environments, the H506 is available in an ATEX stainless steel version suitable for gas and dust hazardous areas for Zone 1 and Zone 2. It covers all gas groups A, B and C and temperature classes between T4 and T6.

SPECIFICATIONS

Capacities and Strengths

Maximum Strength (kg)	Platform Sizes (mm)	Platform Floorprint Size (mm)	Height (mm)	Load Cell	Material	ATEX Stainless Steel
600 x 0.2 kg	750 x 750	1000 x 750	40	250 kg (300 kg SST)	Mild Steel or Stainless	Available
600 x 0.2 kg	1000 x 1000	1250 x 1000	40	250 kg (300 kg SST)	Mild Steel or Stainless	Available
1500 x 0.5 kg	1250 x 1250	1500 x 1250	50	500 kg	Mild Steel or Stainless	Available
1500 x 0.5 kg	1500 x 1500	1750 x 1500	50	500 kg	Mild Steel or Stainless	Available
1500 x 0.5 kg	1800 x 1250	2050 x 1250	50	500 kg	Mild Steel or Stainless	Available
1500 x 0.5 kg	2000 x 1500	2250 x 1500	55	500 kg	Mild Steel or Stainless	Available

The number and weight value of the digital increments must have regard to local Weights and Measures regulations if stamping is required.

NOTE: When used with intrinsically safe indicators, please refer to the indicator specification sheet for minimum increment sizes.

Finish

Mild Steel Platforms: Primed, with all external surfaces finished with RAL 5015 powder coat.

Stainless Steel Platforms: Aluminium oxide bead blasted.

Approvals

All data relating to the performance of the platform meets and exceeds the requirements of EN 45501: 1992 European approval (EC approval) Accuracy Class III machines.

Environment

Operating Temperature: -10° C to 40° C (ambient).

Storage Temperature: -10° C to 60° C (ambient).

Resistance to dirt and moisture: Hoseproof and sealed to IP65.

Shipping Dimensions and Weight

Platform Size (mm)	Net Weight	Gross Weight	Shipping Dimensions
1000 x 1000	103 kg	123 kg	1450 x 1000 x 260 mm
1250 x 1250	179 kg	199 kg	1540 x 1340 x 260 mm
1500 x 1500	230 kg	265 kg	1630 x 1600 x 260 mm

OPTIONS

Construction: Grade 316 stainless steel construction throughout the platform. Finish: Aluminium oxide bead blasted. Note: Stainless steel platform surface is plain, not chequer plate.

Intrinsically Safe: Intrinsically safe load cells (ATEX approved) for hazardous areas, are available and can be supplied at additional cost.

Ramps: 1 m and 1.25 m wide ramps can be positioned and fixed at opposite sides of the platform. Ramps available in mild or stainless steel. One ramp supplied as standard, multiple available at additional cost.

High Resolution: High resolution option to 6000 divisions or two range AVR with Avery Weigh-Tronix load cells and indicator (ATEX excluded).

Cable: All platforms are supplied with a 3 m cable.

Avery Weigh-Tronix

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