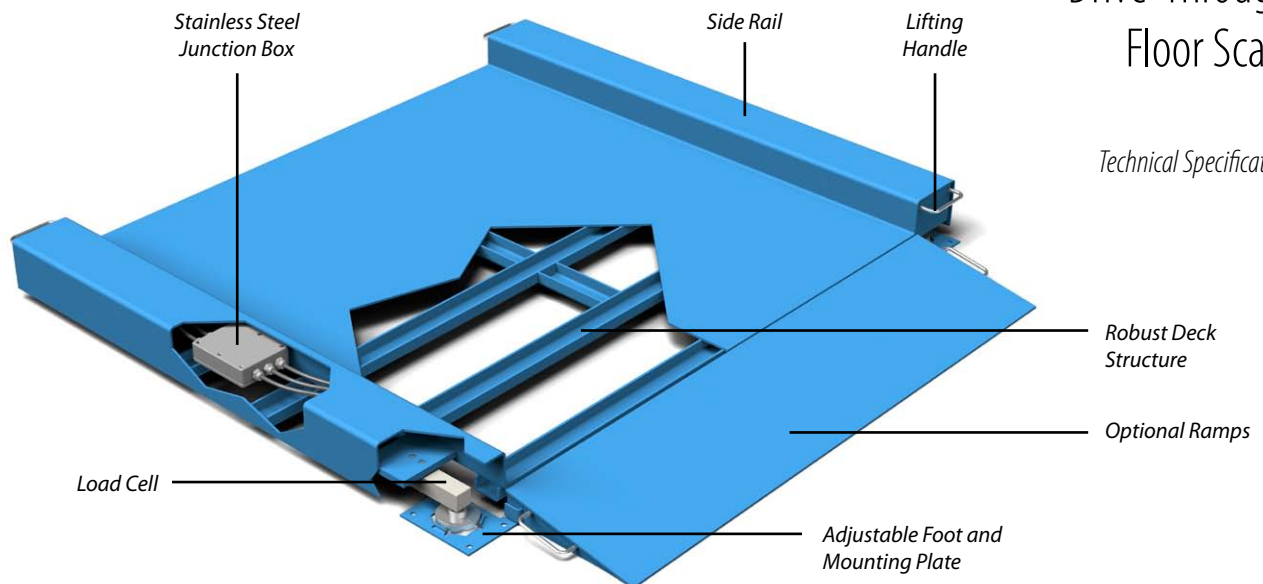




H506

Drive-Through Floor Scale

Technical Specification



DESCRIPTION

General

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 capable in 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 Acrylic Poly Blue 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 & Strengths

Capacity	Platform Sizes	Load cell	Material	ATEX Stainless Steel
600 x 0.2 kg	1000 x 1000 mm	250 kg (300 kg SST)	Mild Steel or Stainless	Available
600 x 0.2 kg	1250 x 1250 mm	250 kg (300 kg SST)	Mild Steel	Special Build
1500 x 0.5 kg	1250 x 1250 mm	500 kg	Mild Steel or Stainless	Available
1500 x 0.5 kg	1250 x 1250 mm	500 kg	Mild Steel or Stainless	Available

The number and weight value of the digital increments must have regard to local Weights & 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: Primed, with all external surfaces finished with acrylic poly blue paint.

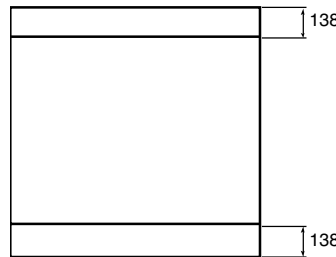
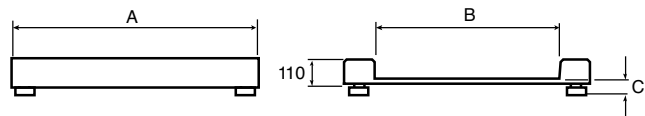
Stainless Steel Platforms: Aluminium oxide bead blasted.

Approvals

All data relating to the performance of the machine meets and exceeds requirements of EN45501 : 1992 European Approval ('E' 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 & Moisture: Hoseproof and sealed to IP65.



Scale Dimensions & Weight

A x B (Platform Size)	C (600 kg cap.)	C (1500 kg cap.)	Net Wt.	Gross Wt.	Shipping Dimensions (approx.)
1 m x 1 m	40 mm	-	103 kg	123 kg	1100 mm x 1100 mm x 260 mm
1.25 m x 1.25 m	40 mm	45 mm	179 kg	199 kg	1540 mm x 1340 mm x 260 mm
1.5 m x 1.5 m	-	45 mm	230 kg	265 kg	1630 mm x 1600 mm x 260 mm

Options

- 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 load cells.
- High resolution option to 6000 divisions or two range AVR with Avery Weigh-Tronix load cells and indicator.
- 5 m or 10 m interconnecting cable.

- Ramps in mild or stainless steel.

Ramp Weight

1 m wide up to 1.25 m: 20 kg
 1.25 m wide up to 1.5 m: 35 kg

Ramp Length

600 kg capacity: 300 mm
 1500 kg capacity: 500 mm

Avery Weigh-Tronix - UK
 Foundry Lane, Smethwick,
 West Midlands B66 2LP UK
 info@awtxglobal.com
 Phone: +44 (0) 845 3 66 77 88
 Fax: +44 (0) 121 697 5660

Avery Weigh-Tronix - USA
 1000 Armstrong Drive,
 Fairmont, MN 56031-1439 USA
 usinfo@awtxglobal.com
 Toll-Free: (800) 533-0456
 Phone: (507) 238-4461

Please call us or visit www.averyweigh-tronix.com
 for your nearest Avery Weigh-Tronix distributor

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