

H407

standard duty
platform scale

Technical Specification

DESCRIPTION

General

- The H407 has been designed to withstand the rigours of everyday wear and tear when loading and unloading with fork trucks, pallet trucks and wheeled bins.
- It is ideal for use in a wide range of industrial weighing applications from goods receiving to the warehouse and dispatch.
- The minimal height of 90mm makes the H407 ideal for surface mounting. Fitting optional low-gradient ramps to a combination of side positions makes entry and exit as easy as possible.
- Fitted with four 1000kg nickel plated, matched, OIML approved shear beam loadcells. These loadcells provide accuracy, strength and the overload protection required to survive most medium duty industrial applications.
- For easy serviceability, the matched loadcell cables are terminated inside a water-resistant ABS junction box.
- A 5 meter or 10 meter long interconnection cable can be fitted to the H407 for easy connection to a wide variety of Avery Weigh-Tronix or third-party indicators. Minimum indicator specification: 5 V excitation, 2 μ V verification per scale interval.

Design

- Built to last, the H407 is fabricated in the UK from tough, hard-wearing, anti-slip, 6mm thick deck structure. This gives the end user the full confidence and reliability needed when continually loading and unloading the scale close to its maximum capacity.
- Each loadcell is fitted with a robust adjustable stainless steel swivel foot which provides reasonable height adjustment and ensures high accuracy even on uneven floors.

A Bottom-access junction box

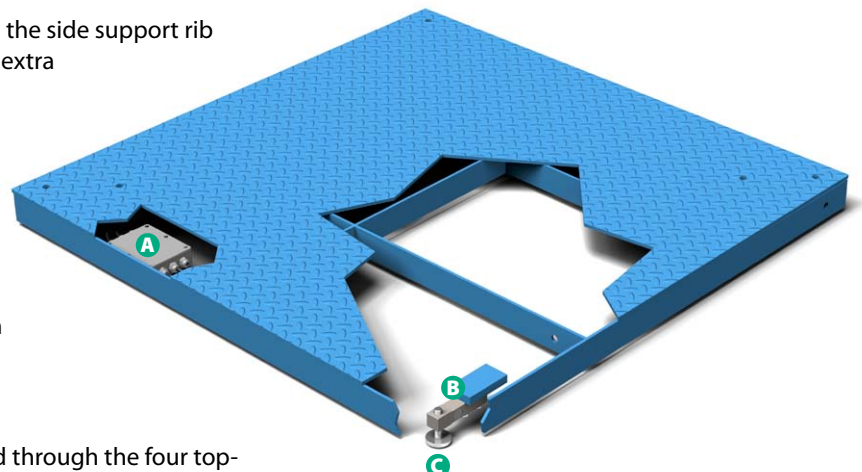
The junction box is mounted close to the side support rib to aid servicing whilst also providing extra protection to the junction box.

B Loadcells

The H407 is fitted with four 3000d nickel plated IP67 R60 approved OIML matched shear beam loadcells. The loadcells terminate through in an IP65 ABS junction box which is accessible from underneath the platform.

C Levelling feet

The floor scale can be quickly levelled through the four top-access feet adjustment holes. With a flat blade screwdriver, the feet can be quickly and safely adjusted without needing to lift the deck.





SPECIFICATIONS

Capacities and Strengths

Scale size, capacity, divisions –

3000 d, OIML approved when calibrated and used with approved Avery Weigh-Tronix indicators.

Scale size	Capacity
1000 mm x 1000 mm x 90 mm	1500 kg x 0.5 kg
1250 mm x 1250 mm x 90 mm	3000 kg x 1 kg
1500 mm x 1500 mm x 90 mm	3000 kg x 1 kg

Scale strength –

- Scale max capacity – 3000 kg
- Loadcell capacity – 1000 kg
- Max UDL loading – 3000 kg
- Axle loading – 1500 kg
- Wheel loading – 750 kg
- Contact area – 7.5 cm x 10 cm
- Footprint pressure – 10 Bar (150 PSI)

Weight Sensors

- Type** – OIML R60 approved, matched shear beam loadcells.
- Output** – 3mv/v
- Overload protection** – 150%
- Temperature** – -10° to 40° C (14° to 104° F)
- Accuracy** – 3000 d, OIML approved

Finish

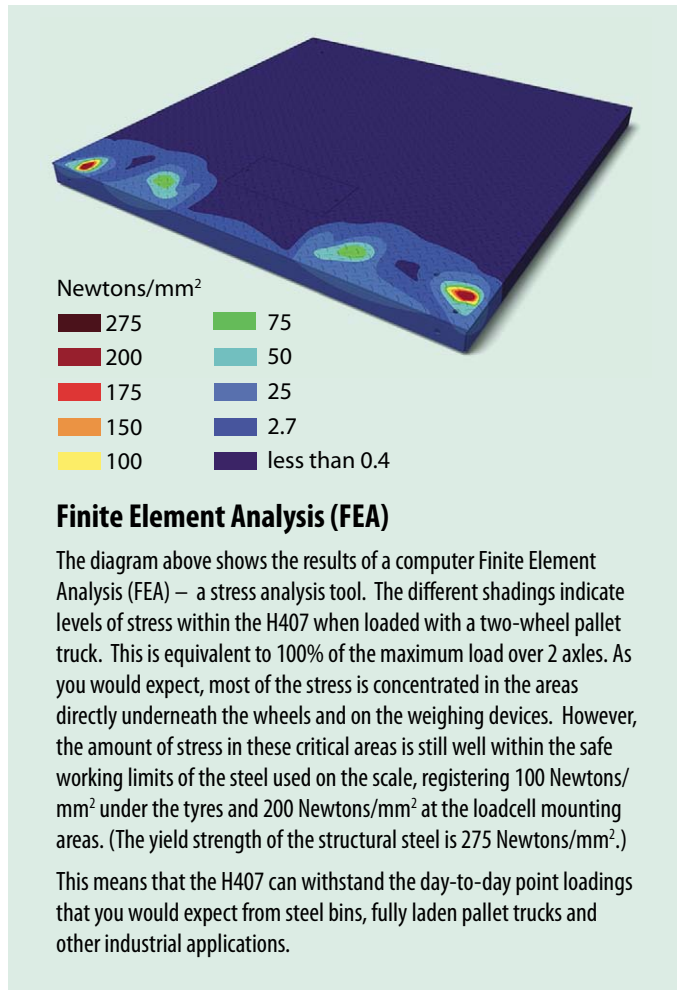
Hard-wearing acrylic poly blue coating.

Lifting and Repositioning

Two M16 threaded top-access eye bolt holes.

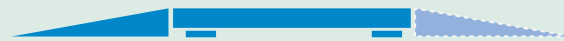
Shipping Dimensions and Weights

Shipping Dimensions	Shipping Wt.	Scale Wt.
1025 mm x 1025 mm x 210 mm	80 kg	78 kg
1275 mm x 1275 mm x 210 mm	113 kg	111 kg
1525 mm x 1525 mm x 210 mm	155 kg	153 kg



Optional ramps

The H407 can be supplied with low-gradient ramps which can be placed in the most efficient traffic patterns to speed up workflow from any direction. (Optional ramps are available at additional cost.)



Ramp sizes –

Ramp Dimensions	Ramp Wt.
1000 mm x 1000 mm	55 kg
1250 mm x 1250 mm	67 kg
1500 mm x 1000 mm	81 kg

Ramp height: 90 mm; Gradient: 8.9%; Angle: 4.8°

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