



Multi-purpose platform  
scale.

*Technical Specification*

## DESCRIPTION

Backed by over two centuries of industry experience, the H520 features the legendary Avery Weigh-Tronix Weigh Bar, engineered to exceed the accuracy levels of the traditional load cell without compromising durability – a unique characteristic that becomes critical for today's businesses that rely on accurate data to run an efficient operation. The end result is a highly precise platform with unrivalled rigidity.

## DESIGN

**Unmatched durability** – The H520 comes with high strength steel deck plates designed to provide superior rigidity. The top plates are welded to internal steel channels providing greater support and robustness.

**Exceptional accuracy** – The H520 is fitted with a Weigh Bar designed to exceed the accuracy levels of a conventional load cell. The Weigh Bar allows 6000 division approved platforms to be downranged to a lower capacity while retaining the same level of precision. Validated with an in-house gauging process, sealing procedure and rigorous test analysis, the Weigh Bar plays a key role in providing the accuracy needed to help substantiate important business decisions.

**Serviceability** – Hidden under an easy to detach side access plate, the moisture proof stainless steel junction box can be easily accessed for servicing but remains well protected from damage.

**Built for safety** – The H520's deck texture pattern provides higher traction than non-checked designs in wet and slippery conditions.

**Safe and easy to load** – The H520 combines a stable,

heavy-duty construction with a low platform height to make loading fast, simple and safe. Optional ramps can be fitted to opposite sides so loads can be wheeled easily on and off the scale. Pit frames are also available as options which protect the edge of the pit and improve load handling.

**Robust overload stops** – Smartly designed, the H520 comes with highly advanced overload stops to protect and prevent against accidental overloading.

**Designed for a range of applications** – The H520 is available capacities from 600 kg to 12,000 kg to meet a diverse range of needs. Sizes are available from 750 mm to 2000 mm.

**Engineered to handle any situation** – The H520 was built to withstand the rigorous demands in industries including, food, chemical processing, material handling, steel mills, warehousing, logistics, and waste and recycling.

**Pit mounting** – When space becomes a constraint, the H520 provides the flexibility of pit mounting.

**Meticulously finished** – The hard wearing Antique Silver coating provides protection against corrosion without compromising its high end polished appearance.

## SPECIFICATIONS

### Capacities and Strengths

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

### Maximum Strengths

Unless otherwise stated, the maximum strength

signifies that the platform will carry this loading evenly distributed over the platform area.

Axle loads must not exceed 60% of platform strength. It is suitable for all forms of wheel traffic with a contact pressure up to 70 bar with spacing equal to half of platform minimum dimension, as detailed below.

Maximum Strength (kg)	Platform Sizes (mm)	Scale Capacity (kg)	Load Cell Capacity (kg)	Contact Area (mm)	Wheel Load (kg)	Footprint Pressure (bar)	Max. Height (m) 6mm deck	Max. Height (m) 8mm deck
600 kg	750 x 750	600 x 0.1	220	40/55	165	10	0.084	-
	1000 x 1000	600 x 0.1	220	40/55	165	10	0.084	-
3000 kg	1000 x 1000	3000 kg x 0.5 / 1.0	850	75/110	825	10	0.084	-
	1250 x 1250	3000 kg x 0.5 / 1.0	850	75/110	825	10	0.084	-
	1500 x 1500	3000 kg x 0.5 / 1.0	850	75/110	825	10	0.084	-
6000 kg	1500 x 2000	3000 kg x 0.5 / 1.0	850	75/110	825	10	0.084	0.108
	1500 x 1500	6000 kg x 1.0 / 2.0	1700	125/132	1650	10	0.103	0.108
	2000 x 1500	6000 kg x 1.0 / 2.0	1700	125/132	1650	10	0.103	0.108
12000 kg	2000 x 2000	6000 kg x 1.0 / 2.0	1700	125/132	1650	10	0.103	0.108
	2000 x 1500	12000 x 2.0 / 5.0	3400	175/189	3300	10	0.127	0.135

### Finish

Dark Grey hammer stoving paint.

### Lifting and Repositioning

The H520 may be lifted or moved by inserting two M16 lifting eye bolts into the M16 diagonal holes in the top plate of the platform.

### 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.

### Environment

Operating Temperature: -10° C to 40° C

Storage Temperature: -10° C to 60° C

Resistance to Dirt and Moisture: Hoseproof and sealed to IP67.

### Options

**Custom sizes:** Platforms can be supplied in 10 mm step increments from the minimum size to the maximum size in each platform strength.

**Alternative finishes:** Alternative colour finishes can be provided as a option at extra cost. Paint colour and type must be defined.

**Pit Frame Kit:** Fully assembled pit mounting kit including foot location are available for all sizes at additional cost.

**8mm top plate:** In addition to the standard 6mm top plate, in some sizes we offer an 8mm plate for more demanding applications.

**Ramp:** Up to 2 x 1000 mm long ramps can be positioned and fixed at opposite sides of the platform. Ramps supplied at additional cost.



**Cable:** The platform is supplied with a 3m cable.

# Avery Weigh-Tronix

[www.averyweigh-tronix.com](http://www.averyweigh-tronix.com)

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