

H520

Multipurpose Floor Scale (Mild Steel)

Technical Specification

DESCRIPTION

General

Backed by over two centuries of industry experience, the H520 features Avery Weigh-Tronix's legendary Weigh Bar. The Weigh Bar was engineered to exceed the accuracy levels of the traditional load cell without compromising durability - a unique characteristic that becomes essential 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 top access plate, the moisture proof 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-chequered 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.

Top access junction box – Removable top deck plate allows easy access to junction box for maintenance in pit applications (on all sizes except 750mm).

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 is 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 Acrylic Poly Blue coating provides protection against corrosion without compromising its high end polished appearance.



SPECIFICATIONS

Capacities & 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)	Max. Axle/Wheel Load (kg)	Footprint Pressure (bar)	Working Height (mm)
600	750 x 750	600 x 0.1	250	50/4	400/200	100	84
	1000 x 1000	600 x 0.1	250	50/4	400/200	100	84
3000	1000 x 1000	3000 kg x 0.5 / 1.0	1000	100/10	1600/800	80	84
	1250 x 1250	3000 kg x 0.5 / 1.0	1000	100/10	1600/800	80	84
	1500 x 1500	3000 kg x 0.5 / 1.0	1000	100/10	1600/800	80	84
6000	1500 x 1500	6000 kg x 1.0 / 2.0	2000	200/100	3200/1600	10	108
	2000 x 1500	6000 kg x 1.0 / 2.0	2000	200/100	3200/1600	10	108
	2000 x 2000	6000 kg x 1.0 / 2.0	2000	200/100	3200/1600	10	108
12000	2000 x 1500	12000 x 2.0 / 5.0	4000	254/125	6400/3200	10	135

Finish

Acrylic Poly Blue paint.

Lifting & 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.

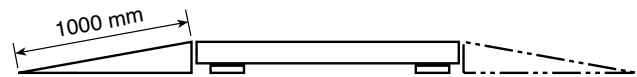
Options

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 plate: In addition to the standard 6mm top plate, 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.

Interconnecting cable: The platform can be supplied with any of the following interconnecting cables below:

Connector type	Part No.	5m Lead	10m Lead
Bulgin	66538-209	✓	✓
9 Way D type	70785-725	✓	✓
Amphenol CONL201	EDA1206	✓	-
Amphenol CONL201	EDA1207	-	✓
Stripped and tinned	EDA1107	✓	-
Stripped and tinned	EDA1114	-	✓
No cable	N/A	-	-

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

Avery Weigh-Tronix

