Avery Weigh-Tronix

FCQH
Hinge-Top Floor Scale
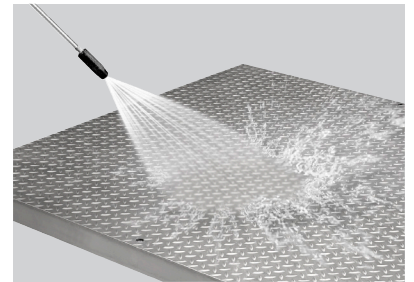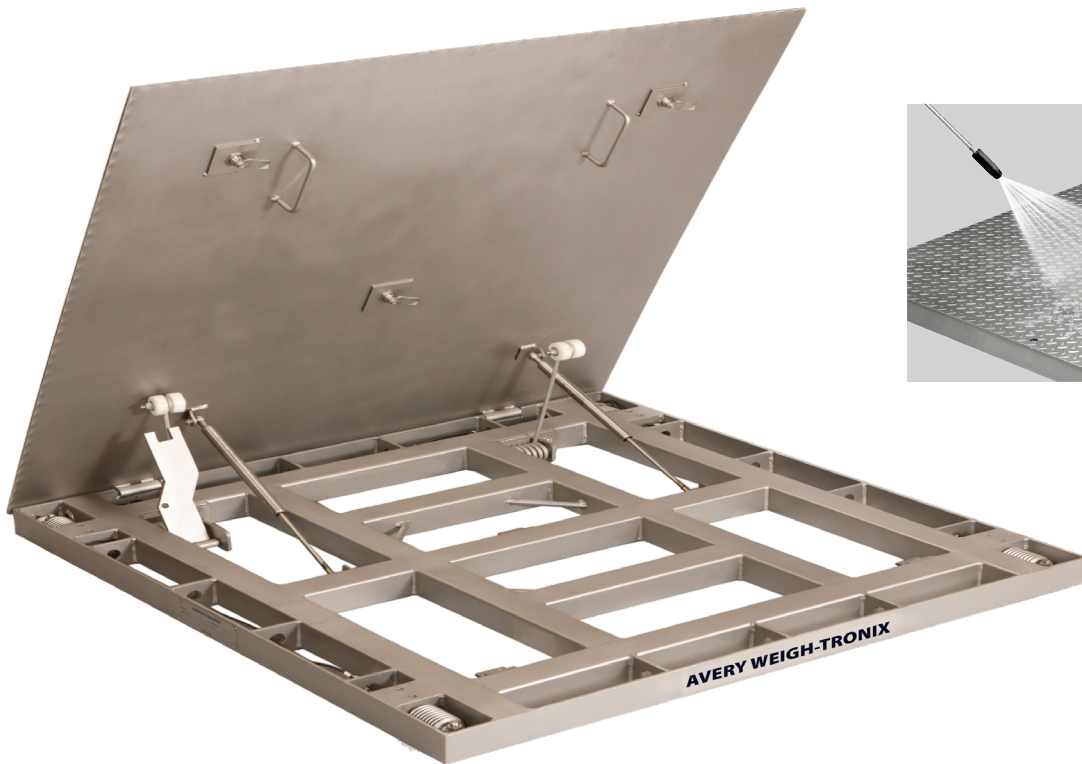
DESCRIPTION

General

Designed to exceed the most stringent washdown requirements, the FCQH from Avery Weigh-Tronix is the ideal scale for environments where strict sanitation and hygiene is crucial. The deck includes a semi-open access hinge top design which provides easy access for a complete washdown of the scale. Featuring hermetically sealed stainless steel Weigh Bars®, the FCQH provides tough protection against foreign matter including bacteria, food, and other kinds of debris. The scale was designed to perform in some of the most demanding industries including food processing applications.

Design

Rugged design – At the heart of all Avery Weigh-Tronix floor scales is the Weigh Bar weight sensor — synonymous with accuracy and durability in the scale industry. In a recent 20 month study of weight sensor failures, the Weigh Bar was proven to be 15 to 25 times more reliable than competitive load cells.

Tubular design frame – No formed channels or structural angles are in the base frame construction. The tubular design eliminates hidden areas where food and other foreign elements could hide, allowing total cleanup.

DESCRIPTION

Hermetically-sealed stainless steel Weigh Bars – Built for heavy washdown applications, the FCQH comes standard with fully welded hermetically sealed Weigh Bars to keep moisture and dirt out. The Weigh Bar is sealed by welding a stainless steel sleeve over the strain gauges and wiring harness. The added layer of protection prevents any ingress of water, allowing thorough washdown of the Weigh Bars.

Stainless steel struts – The hinge top features stainless steel struts to lift the top deck for washdown. A safety latch keeps the deck propped up while cleaning out the understructure.

Remote stainless steel junction box –The stainless steel junction box is designed to be wall mounted for extra protection during washdown. It includes a 25' of cable to interface with the indicator. The junction box is temporarily mounted within the frame for maximum shipping protection.

Safety tread deck plate – The scale deck is constructed from 304 stainless steel tread plate to provide a slip-resistant surface in wet environments. Also available with smooth top plate.

Planned maintenance – The unique design features provide easy access to the Weigh Bars and junction box for routine maintenance.

Drive-on ramps – Connect up to four ramps for maximum accessibility.

Pit frames – For in pit operations, Avery Weigh-Tronix offers a wide range of bolt together or welded pit frames.

CAPACITY, DIMENSIONS AND SHIPPING WEIGHTS

Capacity	Model No.	Dimensions	Shipping Weights
5,000 lb (2500 kg)	FCQH3030-05	30 x 30 x 3.31 in (76.2 x 76.2 x 8.4 cm)	175 lb (79 kg)
	FCQH3636-05	36 x 36 x 3.31 in (91.4 x 91.4 x 8.4 cm)	190 lb (86 kg)
	FCQH4848-05	48 x 48 x 3.31 in (121.9 x 121.9 x 8.4 cm)	395 lb (179 kg)
	FCQH6048-05	60 x 48 x 3.31 in (152.4 x 121.9 x 8.4 cm)	475 lb (216 kg)
	FCQH6060-05	60 x 60 x 3.31 in (152.4 x 152.4 x 8.4 cm)	595 lb (270 kg)
10,000 lb (5000 kg)	FCQH4848-10	48 x 48 x 4.06 in (121.9 x 121.9 x 10.3 cm)	507 lb (230 kg)
	FCQH6048-10	60 x 48 x 4.06 in (152.4 x 121.9 x 10.3 cm)	615 lb (280 kg)
	FCQH7248-10	72 x 48 x 4.06 in (182.9 x 121.9 x 10.3 cm)	725 lb (330 kg)
	FCQH6060-10	60 x 60 x 4.06 in (152.4 x 152.4 x 10.3 cm)	770 lb (350 kg)

SPECIFICATIONS

GENERAL

Construction	$^3/_{16}$" top plate (5,000 lb models) with welded support channels. 10,000 lb models have ¼" top plate
Weight Sensor	Four IP 68 rated hermetically sealed stainless steel Weigh Bars.
Weigh Bar Output	2 mv/v
Overload Protection	150%
End Loading	100%
Accuracy	NTEP at 5,000 divisions
Operating Temperature	14° to 104°F (-10° to 40°C)
Interface Cable	25 ft cable included
Agencies	NTEP (CC# 03-003) Measurement Canada (AM-5484) For Hazardous Area applications, contact the Avery Weigh-Tronix Industrial Support group for assistance with Class I, II, III Div. 1 & 2 barrier options with safe area ZM Indicators.

NTEP

Measurement Canada Approved

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Avery Weigh-Tronix is an ITW company