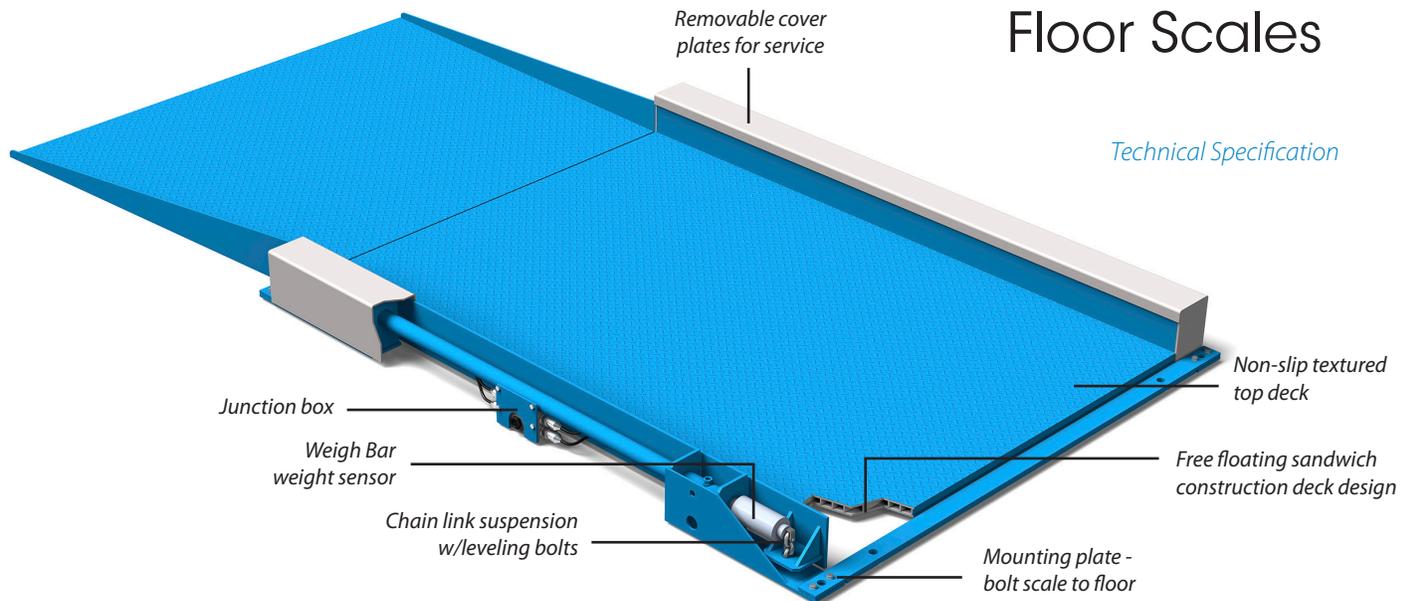


## Low Profile Series Floor Scales



## DESCRIPTION

### General

With a deck height of only 2 inches and a ramp incline of only 3.8 degrees, the Low Profile (LP) Scale provides easy transportability for forklift trucks and hand trucks to load and off-load goods, translating into more productivity, weighing and efficiency for scale operators. Due to its low ground level clearance, the Low Profile Scale does not need to be pit mounted, minimizing installation time and allowing the scale to be transported when needed. The Low Profile Scale is available in capacities from 5,000 to 40,000 lb.

### Design

**Low profile design** – With a weighing surface that is only a 1.5 inches off the ground, the LP allows operators to safely and effortlessly push loaded carts up onto the scale.

**Rugged deck structure** – The honeycombed, sandwich construction deck provides outstanding strength for a low profile scale design.

**Tread deck plate** – The LP comes standard with tread plate texturing, reducing the risk of accidents on slippery surfaces.

**Unmatched durability** – Strong, rugged and reliable, the LP is for busy gangways with constant forklift traffic. Its unique chain link design means the weight sensor is always protected, resulting in reliable and accurate readings without the need for constant recalibration.

**No pit needed** – Due to its low profile design, the LP does not need to be pit mounted.

**Chain link suspension** – The LP's self leveling chain link suspension provides a high level of accuracy, making it extremely durable in abrasive conditions. It virtually eliminates all unwanted end and side loads which may damage a conventional load cell.

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

**Exceptional accuracy** – The LP utilizes the revolutionary Weigh Bar® weight sensor, designed to exceed the accuracy levels of a traditional load cell. The Weigh Bar uses a linear method of weight sensing and is rugged, reliable and highly precise.

**Weigh Bar protection** – The Weigh Bars in the LP are protected against water, dirt and other foreign particles eliminating the need for external mechanical shielding. The Weigh Bar cables entering the box are protected by water-tight hubs.

**Serviceability** – The LP design provides easy access to the Weigh Bars and junction box for timely and routine maintenance. The removable cover plate grants easy access for calibration and service.

**Inherent protection** – The junction box is welded into the deck frame providing protection for sensitive components and additional strength to the frame.

**Axle loading** – The LP has 50% axle load rating. The LP has a 10,000 lb axle load rating on a 20,000 lb scale and a 20,000 lb rating on a 40,000 lb scale.

# LP SERIES FLOOR SCALES *Technical Specification*

## STANDARD SIZES, CAPACITIES AND FINISHES

	Model No.	Dimensions	Mild Steel	Stainless Steel
5,000 lb (2500 kg)	LP4848-05	48 x 48 x 2 in (122 x 122 x 5 cm)	X	X
	LP6060-05	60 x 60 x 2 in (152 x 152 x 5 cm)	X	
10,000 lb (5000 kg)	LP7248-10	72 x 48 x 2 in (182 x 122 x 5 cm)	X	X
	LP6060-20	60 x 60 x 2 in (152 x 152 x 5 cm)	X	X
20,000 lb (10,000 kg)	LP7260-20	72 x 60 x 2 in (182 x 152 x 5 cm)	X	X
	LP8460-20	84 x 60 x 2 in (213 x 152 x 5 cm)	X	X
	LP9660-20	96 x 60 x 2 in (244 x 152 x 5 cm)	X	
	LP7272-20	72 x 72 x 2 in (182 x 182 x 5 cm)	X	
40,000 lb (20,000 kg)	LP10884-40	108 x 84 x 3 in (274 x 213 x 8 cm)	X	

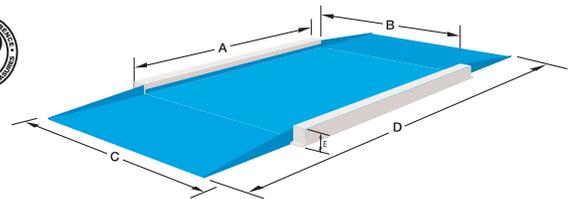
## SPECIFICATIONS

### GENERAL

<b>Construction</b>	Unique sandwich constructed platform area with tread plate in either carbon or stainless steel material. All cabling routed within the assembly to eliminate potential damage from exposed wires.
<b>Weight Sensors</b>	Four Weigh Bars
<b>Weigh Bar Output</b>	2 mv/v - 5,000 lb; 10,000 lb; 20,000 lb; 40,000 lb
<b>Overload Protection</b>	150%
<b>End Loading</b>	100%
<b>Operating Temperature</b>	14° to 104°F (-10° to 40°C)
<b>Accuracy</b>	Meets or exceeds NTEP Class III 5,000 division accuracy
<b>Interface Cable</b>	25 ft cable included
<b>Agencies</b>	NTEP 5000d (CC# 88-222) 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.

### SHIPPING WEIGHTS

Model No.	Carbon Steel	Stainless Steel
LP4848-05	730 lb (331 kg)	800 lb (362 kg)
LP6060-05	1,200 lb (544 kg)	1,315 lb (595 kg)
LP7248-10	970 lb (439 kg)	1,100 lb (499 kg)
LP6060-20	1,200 lb (544 kg)	1,250 lb (567 kg)
LP7260-20	1,400 lb (635 kg)	1,475 lb (670 kg)
LP8460-20	1,500 lb (680 kg)	1,620 lb (734 kg)
LP9660-20	1,750 lb (794 kg)	1,920 lb (870 kg)
LP7272-20	1,480 lb (671 kg)	1,620 lb (735 kg)
LP10884-40	3,300 lb (1497 kg)	3,615 lb (1640 kg)



### DETAILED DIMENSIONS

Capacity	Model No.	Dimension A	Dimension B	Dimension C	Dimension D	Dimension E
5,000 lb (2500 kg)	LP4848-05	49 in (124 cm)	47 in (119 cm)	57½ in (146 cm)	109 in (277 cm)	7½ in (19 cm)
	LP6060-05	61 in (155 cm)	59 in (150 cm)	71 in (180 cm)	121 in (304 cm)	7½ in (19 cm)
10,000 lb (5000 kg)	LP7248-10	73 in (185 cm)	47 in (119 cm)	57½ in (146 cm)	133 in (338 cm)	7½ in (19 cm)
20,000 lb (10,000 kg)	LP6060-20	61 in (155 cm)	59 in (150 cm)	71 in (180 cm)	121 in (304 cm)	7½ in (20 cm)
	LP7260-20	73 in (185 cm)	59 in (150 cm)	71 in (180 cm)	133 in (338 cm)	7½ in (20 cm)
	LP8460-20	85 in (216 cm)	59 in (150 cm)	71 in (180 cm)	145 in (368 cm)	7½ in (20 cm)
	LP9660-20	97 in (246 cm)	59 in (150 cm)	71 in (180 cm)	157 in (399 cm)	7½ in (20 cm)
	LP7272-20	73 in (185 cm)	71 in (180 cm)	83 in (211 cm)	133 in (338 cm)	7½ in (20 cm)
40,000 lb (20,000 kg)	LP10884-40	109 in (277 cm)	83 in (211 cm)	99 in (251 cm)	199 in (505 cm)	11½ in (30 cm)

# Avery Weigh-Tronix

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

Avery Weigh-Tronix is an ITW company



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