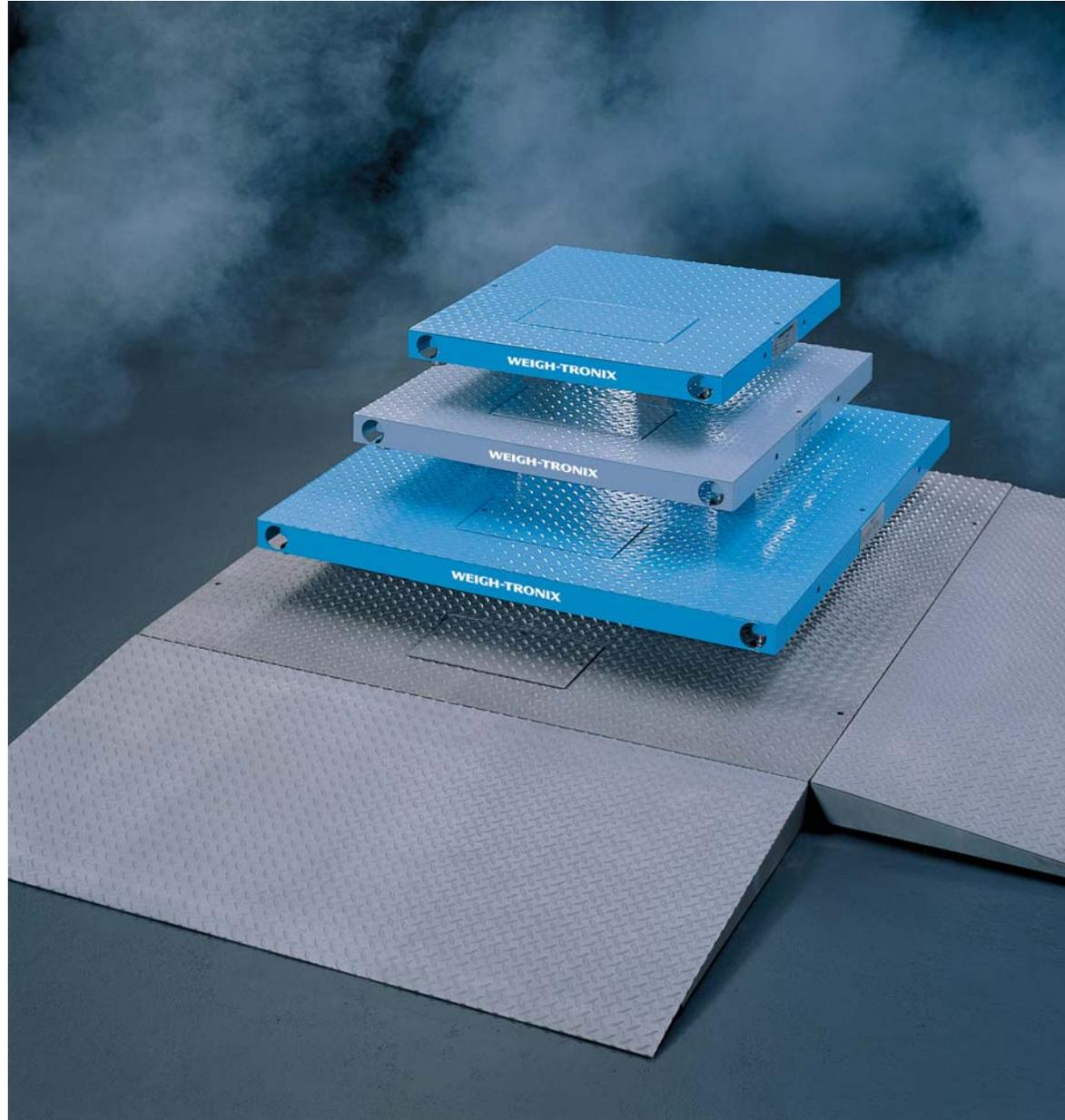


# Avery Weigh-Tronix

## ProDec

Weigh-Tronix built the first all-electronic deck scale approved by the National Bureau of Standards in 1973. For more than 30 years, Weigh-Tronix has built long life, usefulness and serviceability into its deck scales. The ProDec is one more example of that dedication to quality.



# Increase your efficiency with the Weigh-Tronix ProDec

**Companies today are adopting new strategies for working smarter not harder. These strategies include “just-in-time” manufacturing, quality processes and improving work flow. Companies going through this transition are attributing much of their success to Weigh-Tronix ProDec scales, and here’s why . . .**

## **Low profile design**

The low profile design helps relieve the back strain of repetitive weighing. The scale height is only 3.31 inches on models of 5,000 lb or less, 4.06 inches on 10,000 lb models and 5 inches on 20,000 lb models. This allows for easy-on and easy-off manipulation of carts.

## **Built to last**

Steel support channels welded under the top plate add superior strength and keep decks from warping and bending.

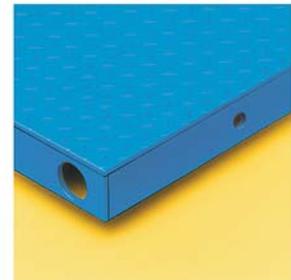
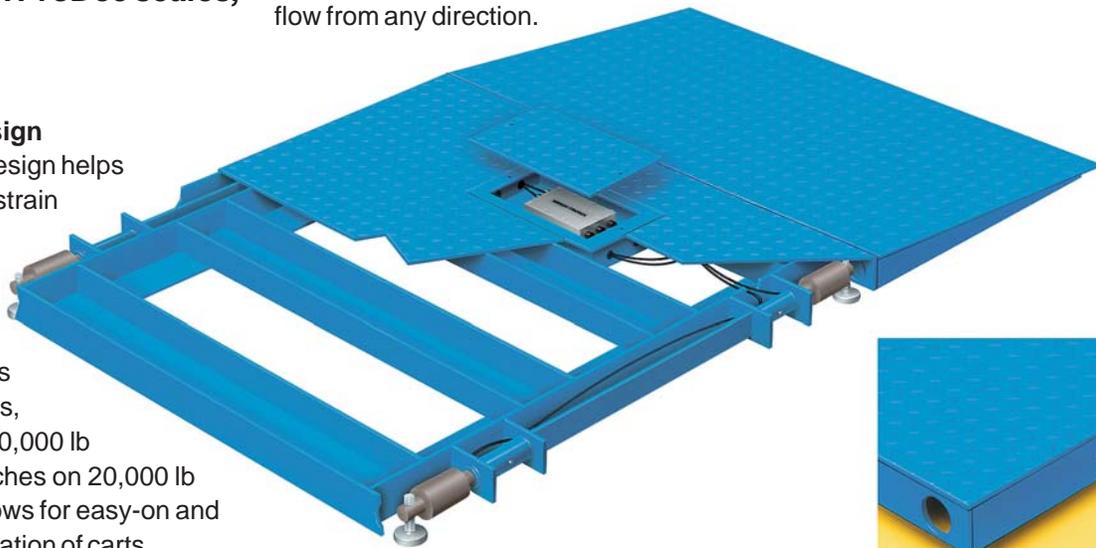


## **Safety tread deck**

The top plate on the deck and ramp surfaces is a safety tread pattern. This non-slip pattern reduces the risk of injuries.

## **Four-way ramps**

ProDecs are placed in the most efficient traffic patterns to utilize more than one weighing situation. The four-way ramp positioning speeds up work flow from any direction.



## **Patented Weigh Bars®**

Weigh Bars are another key to the ProDec's popularity. The patented Weigh Bar® is made from an aircraft alloy steel bar and is precision tooled in the machine shop at Weigh-Tronix. An in-house gauging process, sealing procedure and testing analysis of each Weigh Bar insures the reliability you get in every ProDec scale.

## **Protected internal components**

The moisture proof junction box is recessed in the deck with a removable plate for easy access. High pressure washdown will not affect the junction box or Weigh Bar weight sensors.

All Weigh Bar cables are protected inside the deck structure. Cables cannot get damaged.

## **Serviceable**

Design features on the ProDec offer easy access to Weigh Bars and the junction box for servicing. The removable deck plate seals the recessed junction box and lifts off for quick, routine calibration procedures.

## **Portable**

The ProDec is easy to move. Eye bolts inserted in the pre-fabricated lifting holes enable smooth relocation.

## **Adjustable feet**

Adjustable leveling feet have a 3/4" adjustment and are made of a corrosion resistant stainless steel.



When Weigh-Tronix engineers designed the stainless steel ProDec they knew they were up against some pretty harsh environmental conditions. They knew it would have to withstand constant high pressure washdown and highly corrosive elements. They knew it would get heavy use, day after day, with no time for excessive maintenance. It had to be accurate and resistant to shock.

ProDec's performance speaks for itself. The stainless steel ProDec has proven to be extremely reliable in environments that were even harsher than its designers imagined.



*This stainless steel ProDec in a hide processing plant demonstrates its strength and reliability. The salt and chlorine used to cure hides are extremely corrosive, so nothing but a stainless steel ProDec will do.*

The stainless steel ProDec has moisture resistant stainless steel Weigh Bars, impervious to high pressure washdown making it an ideal scale for food processing. Weigh-Tronix designers concealed ProDec's cables within the deck structure, protecting them from damage. A water-tight stainless steel junction box is recessed in the deck for easy access. The ProDec's consistent accuracy is unaffected by temperature or humidity.



The ProDec's solid deck construction maintains a high resistance to damage from overload and shock. Stainless steel deck construction protects from corrosion in harsh environments.

Its low profile design makes the ProDec popular in food processing plants. The design allows for easy-on and easy-off manipulation of carts and helps relieve the back strain of repetitive weighing.



Correct positioning of the ProDec speeds up work flow. Place ramps on one, two, three, or four sides to create optimum traffic patterns.

Stainless steel feet offer a height adjustment of 3/4 inch. Each foot has a non-slip base so scales do not shift during loading.

The ProDec scale is legal for trade and constructed with Factory Mutual approved weight sensors and junction box. When connected to a WI-150 Indicator, the ProDec provides a Factory Mutual approved system for Class I, II, III; Divisions 1 & 2; Groups A, B, C, D, E, F, G.



# ProDec

## Options

**Epoxy paint**—USDA approved for food processing applications

**Stainless steel construction**—On eight sizes of ProDecs

**Ramps**—Up to four ramps can be used with this scale.

**Two lifting eyes**—For easy relocation of the scale (no charge)

**Floor positioning plates**

**Stainless steel junction box**

## Specifications

### Standard sizes and capacities

Capacity	Model	Dimension-in.	Dimension-cm
2,000 lb (1,000 kg)	DSL3030-02	30 x 30 x 3.31	76 x 76 x 8.4
	•DSL3636-02	36 x 36 x 3.31	91 x 91 x 8.4
	DSL4848-02	48 x 48 x 3.31	122 x 122 x 8.4
	DSL6048-02	60 x 48 x 3.31	152 x 122 x 8.4
	DSL7248-02	72 x 48 x 3.31	183 x 122 x 8.4
	DSL6060-02	60 x 60 x 3.31	152 x 152 x 8.4
	DSL7260-02	72 x 60 x 3.31	183 x 152 x 8.4
5,000 lb (2,500 kg)	DSL3030-05	30 x 30 x 3.31	76 x 76 x 8.4
	•DSL3636-05	36 x 36 x 3.31	91 x 91 x 8.4
	•DSL4848-05	48 x 48 x 3.31	122 x 122 x 8.4
	•DSL6048-05	60 x 48 x 3.31	152 x 122 x 8.4
	•DSL7248-05	72 x 48 x 3.31	186 x 122 x 8.4
	•DSL6060-05	60 x 60 x 3.31	152 x 152 x 8.4
	DSL7260-05	72 x 60 x 3.31	183 x 152 x 8.4
	DSL8460-05	84 x 60 x 3.31	213 x 152 x 8.4
	DSL8472-05	84 x 72 x 3.31	213 x 183 x 8.4
DSL9672-05	96 x 72 x 3.31	244 x 183 x 8.4	
10,000 lb (5,000 kg)	DSL4848-10	48 x 48 x 4.06	122 x 122 x 10.3
	DSL6048-10	60 x 48 x 4.06	152 x 122 x 10.3
	DSL7248-10	72 x 48 x 4.06	183 x 122 x 10.3
	•DSL6060-10	60 x 60 x 4.06	152 x 152 x 10.3
	DSL7260-10	72 x 60 x 4.06	183 x 152 x 10.3
	•DSL8460-10	84 x 60 x 4.06	213 x 152 x 10.3
	DSL8472-10	84 x 72 x 4.06	213 x 183 x 10.3
	DSL9672-10	96 x 72 x 4.06	244 x 183 x 10.3
	DSL9672-10	96 x 72 x 4.06	244 x 183 x 10.3
20,000 lb (10,000 kg)	DSL6060-20	60 x 60 x 5.00	152 x 152 x 12.7
	DSL7260-20	72 x 60 x 5.00	183 x 152 x 12.7
	DSL8460-20	84 x 60 x 5.00	213 x 152 x 12.7
	DSL7272-20	72 x 72 x 5.00	183 x 183 x 12.7
	DSL8472-20	84 x 72 x 5.00	213 x 183 x 12.7
	DSL9672-20	96 x 72 x 5.00	244 x 183 x 12.7

• Available in stainless steel

Gray shading indicates powder paint finish

### Finish:

Carbon steel 2-3 mil layer of epoxy primer  
2 mil layer of alkyd enamel or 2-3 mil layer high grade powder paint finish. Optional epoxy finish

### Construction:

3/16" (1/4" 20,000 lb) top plate with welded support channels. All cables protected within the deck to eliminate potential damage to wiring.

**Weight sensors:** Four Weigh Bars

### Weigh Bar output:

2mv/v- 5K and 10K Cap., 0.8 mv/v- 2K Cap.

**Overload protection:** 150%

**End loading:** 100%

**Accuracy:** Meets or exceeds NTEP Class III 5000 division accuracy

**Temperature:** 14 to 104°F (-10 to 40°C)

### Agencies:

NTEP Certificate of Conformance #90-132.A2  
Factory Mutual Class I, II, III; Divisions 1, 2; Group A, B, C, D, E, F, G  
Canadian Weights and Measures

**Interface cable:** 25 ft cable included

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