Avery Weigh-Tronix

Weigh Legs

Conveyor Scale Components and Systems

Gain added functionality from the same physical footprint.

Bolt-on Weigh Legs quickly and economically transform conventional conveyor sections into full-featured electronic scales.

- New conveyor installations
- Retrofit kits for existing conveyors
- Separate components for custom system design

Save steps and increase productivity with in-line weight measurement and checkweighing.

Static and In-Motion Weighing

Specifications

Weigh Leg Frame

The Weigh Leg frame is a patented integrated assembly, incorporating two supporting legs, two Weigh Bars®, junction box and cabling. Available in mild steel or stainless steel.

Installation: Bolt-on Weigh Leg frames replace existing conveyor legs. Junction boxes include pre-wired input and output cables for fast setup. Typically, two frames are required per conveyor. For static applications that require the use of two conveyor sections to create a longer weighing platform, a third frame is installed where the sections are joined together.

Capacities: 250 lb, 500 lb and 1,000 lb. per Weigh Leg frame. Total scale capacity is double the individual frame rating. When selecting a capacity, the weight of the conveyor section must be factored in.

Physical dimensions:
Widths – 24", 28", 30", 34", 36", 40" and 42"
Adjustable leg height – 23-5/8" to 35-5/8"

Finish: Heat-fused powder paint provides a high level of corrosion protection.

Weigh Bar® is a registered trademark of Weigh-Tronix Inc

Avery Weigh-Tronix carries static conveyor sections, in-motion conveyor sections, indicators and photo eye kits to build a complete conveyor system.

Static Conveyor Sections

Sizes: 24", 28", 30", 34", 36", 40" and 42" widths; 5' or 10' lengths

Rollers: Placed on 3" centers for even load support and "set high" for unobstructed conveyance. 1.9" diameter, 16 ga. mild steel.

Load Rating: 5' length – up to 600 lbs per foot, 10' length – up to 135 lbs per foot

Weighing Accuracy: 0.1% for static conveyors (applied load)

In-Motion Conveyor Sections

Sizes: Available in 24" and 30" belt widths; 6' and 11' lengths

Speeds: Range of fixed speeds from 65 to 130 FPM. Variable speed tops also available with speeds up to 220 FPM.

Load rating: Up to 75 lbs per foot, 200 lb maximum in-motion weighing capacity

Motor: For 65 FPM – 1/2 HP, 230/460 VAC, 3 PH, 60 Hz

Construction: Nitrile impregnated belt with one side brushed, formed 12 ga. steel slider bed, 4" depth, powder painted finish

Weighing Accuracy: In-motion accuracy is dependent upon conveyor speed, package spacing, etc. Consult factory.

Indicators

Avery Weigh-Tronix offers weight indicators matched to the operational requirements of different conveyor systems. Choose the WI-125 for static conveyors or the WI-127, WI-130 or WPI-135 for in-motion conveyor applications. Indicators provide multiple options for printer/computer interface.

Photo Eye Kit

Required for in-motion conveyors. Beam-breaking technology with one-shot logic module provides reliable detection of in-motion packages or materials. Includes interface for WI-127 or WI-130 indicators.

AUTHORIZED DISTRIBUTORS

Ask the experts. Avery Weigh-Tronix distributors are complete support centers, providing needs assessment, technical information, product sales and service. Their experience is a valuable resource that is readily available to you. We recommend you consult these knowledgeable industrial applications specialists for all of your weight measurement needs.

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