

WEIGH-TRONIX

Conveyor Scale

Reduces labor costs and increases weighing accuracy of discrete units in food plant and general industrial applications.



The Weigh-Tronix conveyor scale is a freestanding, self-contained and self-powered, flat-belt weighing system that can be incorporated into new or existing production facilities. The scale operates while the conveyor is in motion and is intended for the weighing of individual boxes, cartons, cans or unpackaged products such as large cuts of meat. It is ideally suited to checkweighing, straight weighing and weight accumulation operations.

Conveyor Scale

Features and benefits

Fully automatic— Dual photo electric cell arrangement allows maximum accuracy in weighing randomly sized products. Excellent for feeding meat production lines or for checkweighing boxes, cans, cartons etc. Detect weight problems in-line.

Self-contained— Freestanding, self-powered design operates independently of existing belt conveyor. Unaffected by idler friction or belt tension and requires no damping device. Installs easily in new or existing facilities.

Stainless or carbon steel construction— Provides a cost effective choice based on material handling requirements. Stainless steel scales are matched with a stainless steel indicator to meet NEMA 4X standards for washdown and corrosion resistance.

Belting— USDA approved acetal flush grid with 31% open area for easy maintenance. Special belting available.

Weighbar accuracy and reliability— Weigh-Tronix patented weighbar design cancels out side, end and torsional forces to provide a true downward load. Fully electronic design eliminates moving parts that may be affected by wear or misadjustments.

Specifications

Weight indicators can be purchased with controls to activate accept/reject devices and with RS232/485 outputs to interface with label printers, label applicators, computers, bar code, etc. Please refer to the appropriate indicator for specifications.

Capacities: 100 and 200 lb models

Accuracy: Typically 0.1% or better but accuracy is dependent on the application (belt speed, conveyor length, etc). Consult factory for specific application.

Belt speed: Up to 220 ft/min.

Dimensions: Sizes from 12" – 36" wide by 36" – 60" lengths with three adjustable height ranges covering 18" to 45"

Motor: 1/3 Hp

Power requirements: 120/220 VAC single phase, 220/440 VAC three phase, or variable speed with controller (120VAC)

Warranty: Two year limited warranty applies



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