

DYNAMIC INNOVATIONS SINCE 1908
WEIGHING, FEEDING, CONTROLS & ENVIRONMENTAL SOLUTIONS

MODEL 475EZ CONVEYOR BELT SCALE



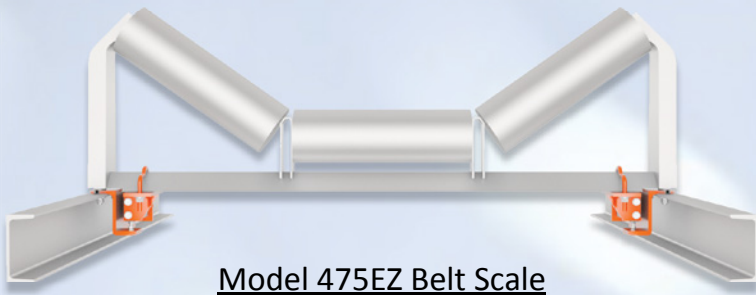
DYNAMIC WEIGHING MADE EASY



MERRICK MODEL 475EZ CONVEYOR BELT SCALE

SPECIFICATIONS

The Model 475EZ belt scale is designed to be installed in an existing belt conveyor to weigh materials as they are transported. It provides process information such as feedrate, belt load, and totalized amount with gravimetric precision.



Model 475EZ Belt Scale

** Shown with customer supplied idler.*

FEATURES & BENEFITS

- Easy to Install using Customer's Idler
- Low Profile - Ideal for Channel Conveyors
- Low Cost
- No Maintenance

WEIGHT SENSING DEVICE

- Direct Mounted Weigh Suspension (No Moving Parts)
- Dual Strain Gauge Load Cells
 - Stainless Steel, Hermetically Sealed
 - Temperature and Pressure Compensated

SPEED SENSING DEVICE

- Optical Speed Sensor
- NEMA 4X Enclosure
- Pulse Cut-off Switch for Measuring Belt Length

BELT WIDTH

- Fits Belts 12" to 96" Wide
- Flat to 45° Trough Angle

STANDARD POWER REQUIREMENTS

- 115/220 Volts, 1 Phase, 60 Hertz
- 2 Amp Service

AMBIENT TEMPERATURE LIMITS

- -20° To 60° C (-4° To 140° F)

CONTROL

- Genetix® Controls
- Continuous Weighing or Rate-Control Feeding, Including Batching and Rate-Controlled Batching Applications
- Communication Interfaces
 - Ethernet
 - Modbus
 - Profibus®
 - DeviceNet™, ControlNet™
 - ScaleNet™
 - DF-1

CALIBRATION

- Test Chain (Optional)
- Test Weights (Standard)
- Electronic
- Material Test

ACCURACY

- ±1.0% or Better when Installed and Maintained According to Merrick Instructions

INSTALLED WEIGHT

- 100 Lbs. (45 Kg.) Approximate

FAMILY OF
MERRICK
COMPANIES

10 ARTHUR DRIVE LYNN HAVEN, FL 32444 USA
CALL WORLDWIDE +1 850.265.3611
EN ESPAÑOL +1 850.271.7834
WWW.MERRICK-INC.COM

