

Conveyor Belt Scale – Model 475EZ

- **Fits Any Size Conveyor**
- **Troughed or Flat Belt Idlers**
- **Easy Installation**
- **Low Cost**
- **No Maintenance**
- **Merrick Quality and Service**



[Model 475EZ Brochure](#)

Materials of Construction

- Painted Carbon Steel
- All Welds Continuous

Weight Sensing Device

- Direct Mounted Weigh Suspension (no moving parts)
- Precision Alignment in both Horizontal and Vertical Planes (critical to accurate weighing)
- Dual Strain Gauge Load Cell
 - Stainless Steel, Hermetically Sealed, Temperature and Pressure Compensated
 - 350 Ohm Bridge
 - 2 mV/V Signal
 - 10 to 15 Volts Excitation

Speed Sensing Device

- Magnetic or Optical Speed Sensor
- Bracket Supplied for Tail (Non-Driven) Pulley Mounting for True Speed Pick-up

Connection Box

- Connections for both Load Cell and Speed Sensor Wires
- NEMA 4X Enclosure
- Connects up to (4) Weigh Modules
- Pulse Cut-Off Switch for measuring belt length

Belt Width

- Fits Belts 12" to 48" wide
- Flat to 45° Trough Angle

Standard Power Requirements

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

Ambient Temperature Limits

- -20°C to 60°C (-4°F to 140°F)

Calibration

- Electronic
- Material Test
- Test Chain (optional)
- Test Weight (optional)

Accuracy

- 1% to 2% or better when installed and maintained according to MERRICK instructions

Installed Weight

- 100 Lbs. (45 Kg.) Approximate