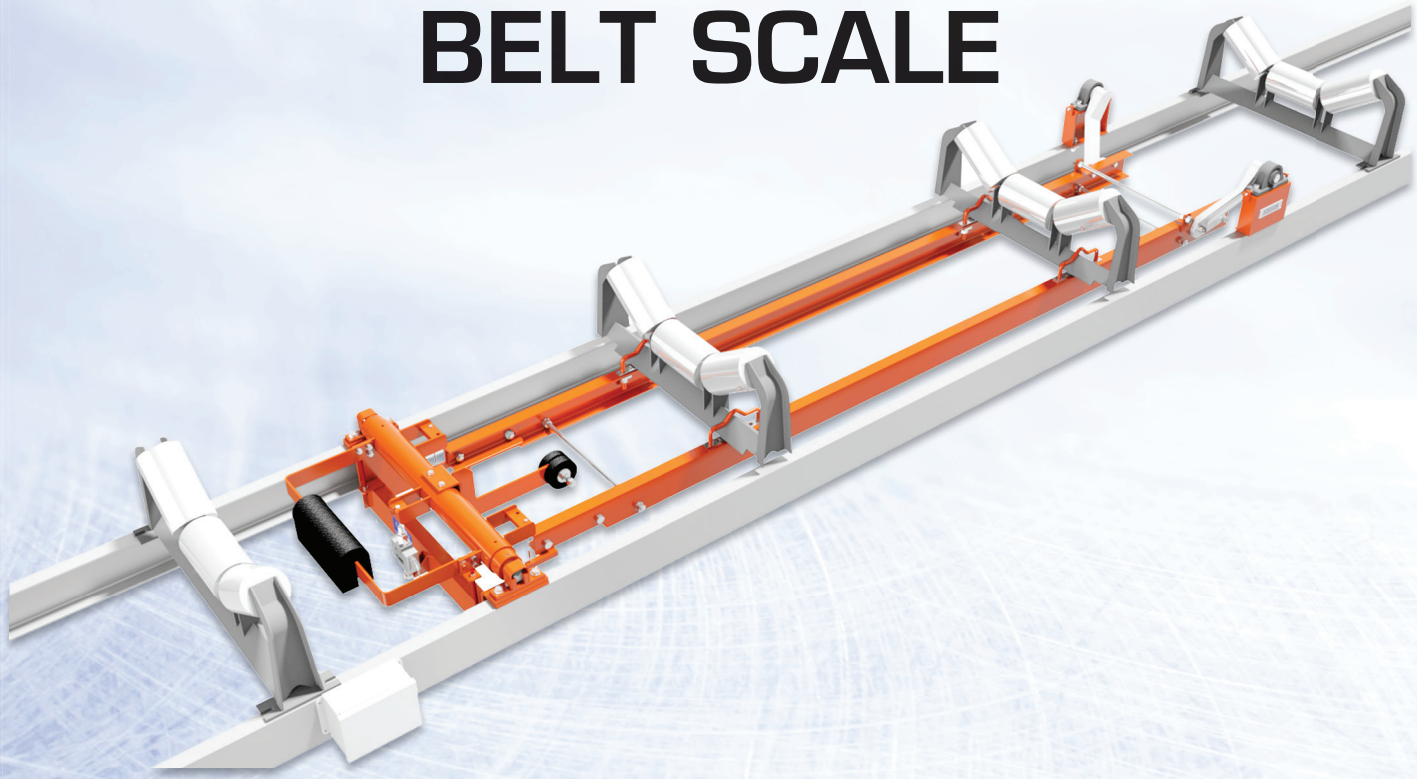
DYNAMIC INNOVATIONS SINCE 1908
WEIGHING, FEEDING, CONTROLS & ENVIRONMENTAL SOLUTIONS

MODEL 465
BELT SCALE



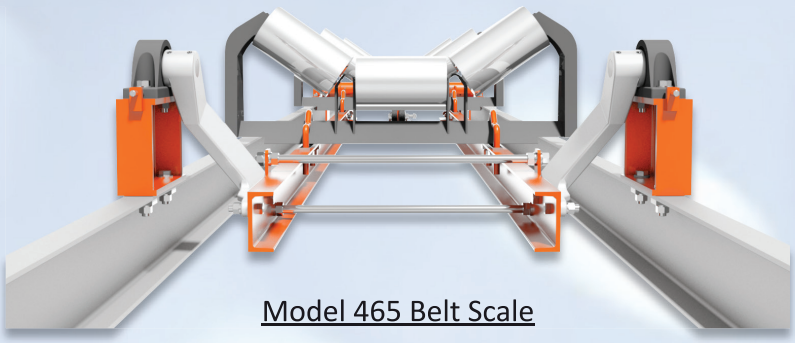
COUNTERBALANCED DESIGN FOR LIGHT LOADING APPLICATIONS

MERRICK

MERRICK MODEL 465 BELT SCALE

SPECIFICATIONS

The Model 465 belt scale features a counterbalanced design that provides accurate and repeatable results in light loading applications. By using counter weights to offset the dead load, the load cell capacity range can be optimally utilized.



Model 465 Belt Scale

FEATURES & BENEFITS

- Counterbalanced for Light Loading
- Ideal for Low Bulk Density Materials
- Utilizes Knife Edge Pivots for Reduced Wear
- Low Maintenance

WEIGHT SENSING DEVICE

- Single Strain Gauge Load Cell
- Single Lever Design

SPEED SENSING DEVICE

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

BELT WIDTH

- Up to 72” Wide

CONTROL

- MERRICK Genetix® Controls
- Calibrate and Monitor All Scale Readings Including Feedrate, Belt Load, and Totalization
- Communication Interfaces
  - Ethernet
  - Modbus
  - Profibus®
  - DeviceNet™, ControlNet™
  - ScaleNet™
  - DF-1

CALIBRATION

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

ACCURACY

- +/- 0.5% With 2 Idler System
- +/- 0.25% With 4 Idler System

Model 465A Belt Scale
for Apron Conveyor Weighing

- ±1% to ±2% Accuracy Over 3:1 Range
- Ideal for Weighing Hot Clinker
- Unique Approach / Retreat Suspension Provides Accurate Weight Measurement

FAMILY OF MERRICK COMPANIES

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