

Weigh Shark™ Conveyor Belt Scale...

Easy Installation...

- ✓ Mounts to any width CEMA idler.
- ✓ No holes to drill.
- ✓ Installation in just a few minutes to customers idler.
- ✓ Speed Sensor mounts to any adjacent idler via special "tri-fold" bolt.
- ✓ Large NEMA 4x Fiberglass Enclosure with lockable latch

Simple Calibration

- ✓ Simple Step - by - Step instructions that appear on the Large Graphical Display (5.25" x 1.5").

Standard Features

- ✓ 4 Inputs: Remote Clear, Print Ticket, etc.
- ✓ 4 Outputs: Under / Over Speed, Rate or Tons, Pulse per Ton, etc.
- ✓ 4-20 mA (16 Bit) Output: Chart Recorder, Production Control, etc.
- ✓ Wide range power supply accepts 110 AC or 220 AC. Also accepts 24 VDC at separate input terminal.
- ✓ RS 232: Printer, etc.
- ✓ RS 485: Printer, Auxiliary Equipment, etc.
- ✓ Ethernet: PLC, PC, Remote Display, HTTP Web Server. View your scale(s) or Remote Display LIVE via internet with no special software required. **Visit our website to view a scale in operation.**

Accurate and Reliable

- ✓ Solid steel construction with durable powder coating for protection.
- ✓ Heavy Duty Steel Load Cells temperature compensated for accuracy during wide temperature ranges.
- ✓ High speed processor and surface mount circuitry components for long reliable operation.
- ✓ One Year Limited Warranty

Models:

- ✓ **Model 250** (Typically up to 750 TPH)*
- ✓ **Model 500** (Typically above 750 TPH)*

**Based on Belt Speed*

Contact us with your application requirements and allow us to provide our quotation and professional service. We invite you to visit our web site or contact us direct. Your business is appreciated.

Designed and Manufactured by MCR Technologies Group, Inc.



Weigh Shark™ is a registered trademark of MCR Technologies Group, Inc.

Made in the USA



Weigh Shark™ Options...

Automatic Angle Compensator...

...Install our Automatic Angle Compensator on your conveyor frame. Our Automatic Angle Compensator provides degree of incline information to scale. Scale automatically adjusts for changes of incline and remains calibrated. GREAT FOR STACKERS.



Remote Display...

...View multiple scales from one remote display via Ethernet.

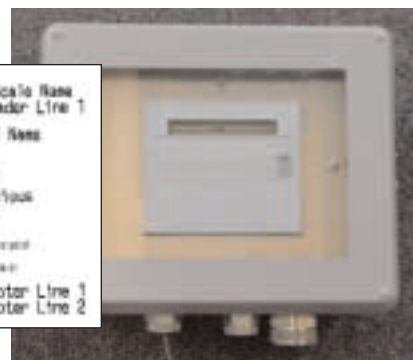
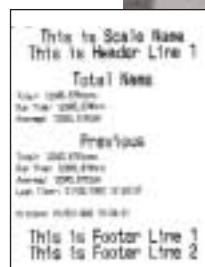
Truck / Rail Car Load Out...

...Load your Trucks or Rail Cars using our 6 inch Color Touch Screen system. Simply Clear off the previous weight, enter your Target Weight desired via numeric touch pad then start your conveyor. Contact Output activates when Target Weight is reached to stop your conveyor. You can print a Ticket (w/ optional Ticket Printer) Right from the touch screen. You can NAME your product that appears on the Touch Screen from the Scale or Touch Screen setup screen.



Ticket Printer...

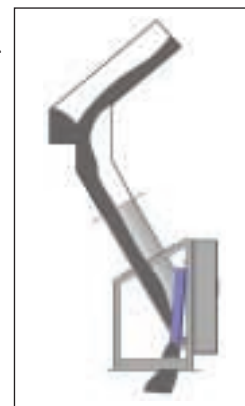
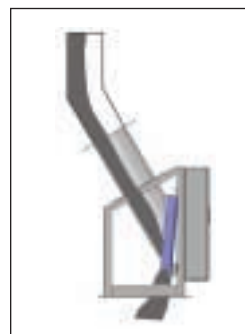
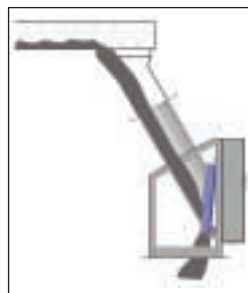
...Connect our ticket printer and print TOTAL information or PRODUCTION information. Ticket information can be modified to include your company information. Two header lines and 2 footer lines can be customized. You can also select to print current or current / previous total information on the ticket. Wire a remote button to CLEAR TOTAL or PRINT TICKET if you wish.



WEIGH SHARK™ SI Solid Impact Flow Meter Features...



- ✓ Standard Pipe Diameters: 4, 6, 8, 10 and 12 Inch
- ✓ 4 Inputs: Remote Clear, Print Ticket, etc.
- ✓ 4 Outputs: Rate, Tons, Pulse Per Ton or Pulse per 1/10th Ton
- ✓ 4-20 mA Output / 0-20 mA Selectable (16 bit) Current Loop: Chart Recorder, Production Control
- ✓ RS-232: Printer, etc.
- ✓ RS-485: Printer, PLC and Auxiliary Equipment, etc.
- ✓ Ethernet: PLC, PC, Remote Display, HTTP Web Server



Kiepe Conveyor Safety Equipment...

LRS Single Pull Safety Switches...

...provide a switching system to isolate the power to conveyor systems and other process equipment in the event of an emergency.

- ✓ 65 Foot Cable Length (Stand-Alone Unit)
- ✓ 100 foot Cable Length (With External Tension Spring)
- ✓ Aluminum Housing
- ✓ IP 66 (NEMA 4, 4X, 6)



HEN / HEK / PRS Dual Pull Safety Switches...

...like the single pull switches, provide a switching system to isolate the power to conveyor systems and other process equipment in the event of an emergency.

- ✓ 330 Foot Cable Length
- ✓ Cam-Operated Switch Elements
- ✓ Aluminum, Naval Brass, Cast Iron or High Impact ULTRAMID Plastic Housings
- ✓ Dupline Communication Network Available on Some Models
- ✓ Explosion Proof Models Available
- ✓ IP 65 (NEMA 4, 4X, 6, 12, 13)



Belt Misalignment Switches...

...used in conveyor installations for monitoring the belt travel. When mounted at the running edges of a conveyor belt, the switches will be operated if the belt deviates from its designed running line by more than the permissible distance.

- ✓ Maintenance Free Switches
- ✓ Snap Actuating Switches
- ✓ Aluminum, Brass, Cast Iron or Plastic Housings
- ✓ Dupline Communication Network Available on Some Models
- ✓ Explosion Proof Models Available
- ✓ IP 65 (NEMA 4, 4X, 6, 12, 13)



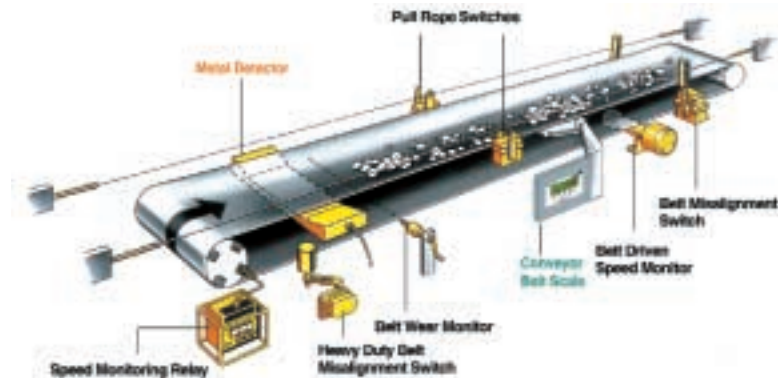
Shaft Driven & Belt Driven Speed Monitors...

...designed to detect shaft rotation, stoppage or reversal. SW models monitor Zero Speed. No external power required. SWE models monitor Underspeed, Overspeed and Zero Speed. 110 VAC and 220 VAC models available. Belt Driven Speed Monitors monitor movement directly off the belt when shaft monitoring is not desired or possible.

- ✓ Compact Construction
- ✓ Multiple Mounting Arrangements
- ✓ Aluminum Housings
- ✓ IP 65 (NEMA 4, 4X, 6, 12, 13)



A Full Line...



MCR Technologies Group, Inc.

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