

# WF-10 Belt Feeder

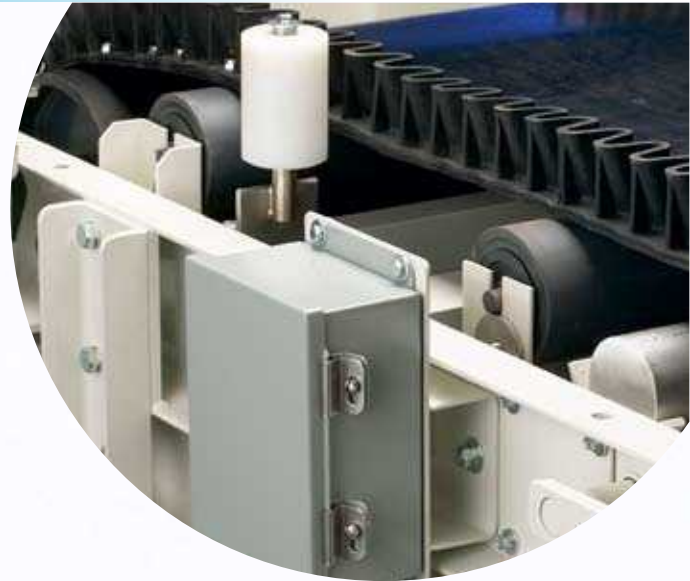


## WEIGH THE ADVANTAGES

Your application demands reliable in-motion weighing. Tecweigh's WF series of weigh belt feeders is what you need. Our feeder's performance and value will meet and exceed your requirements.

We start with a strong, rugged, fully welded structural steel frame to lay the foundation for a long life of accurate weighing; we top it off with high quality components, from belts to bearings, load cells to lagging; we finish by coupling the feeder to any one of the Tecweigh family of easy to use weight processors. Whether the duty is totaling, blending, loading, or batching, set up and operation is the easiest in the business.

Tecweigh's standard duty WF10 model weigh belt feeder fits most applications ranging from 2000 pounds per hour to 200 tons per hour, with our mid size WF14 accommodating up to 500 tons per hour, while our heavy duty WF16 will handle up to 1,000 tons per hour. These single idler weigh belt feeders are designed for accuracy of  $\pm 1/2\%$ . Need greater accuracy? All are



available in a dual idler version (WF11, WF15 and WF17) with accuracy of  $\pm 1/4\%$ . We will also custom design your feeder for even greater capacities.

Do you have a problem material to weigh... low density? ...sticky? ...abrasive? ...explosive? Tell us what you need. Each Tecweigh weigh belt feeder is custom designed and built to meet your requirements, from special inlet and discharge openings to special lengths, special belting materials, special finishes, and explosion proof electrical components. Custom designs are our standard.

Call on HMA Materials Handling to fulfill your weigh belt feeder requirements. Whether it's chemicals, crushed stone, sand, minerals, reclaim materials, or coal, if your product can be conveyed we can weigh it. Weigh the advantages for yourself and see why more and more people are choosing Tecweigh as their way.



# WF-10 Belt Feeder

## Standard Features

1. Rigid, C-channel frame.
2. Flanged inlet chute with adjustable vertical profile plate.
3. Idling tail pulley with optical encoder for precise belt speed indication.
4. Belting with corrugated sidewalls, vanner edges and a variety of fixed side skirt options are available.
5. Mounting legs with lifting holes. Suspended and inclined units are available.
6. Load Cell and Speed Sensor signal conditioner.
7. Self storing calibration weight and lifter handle for quick, easy, safe calibration.
8. NTEP approved load cell and CEMA weigh idler(s).  $\pm 1/4\%$  and  $\pm 1/2\%$  models available.
9. Tapered head pulley with vulcanized lagging.
10. A variety of shaft mounted reducers and C-Face motors available.
11. Access to tube-in-tube style take-ups, for adjusting belt tension.
12. Belt Cleaners and V-Plow options available.
13. Tracking rollers standard, run-off switches and safety pull cords available.
14. Top Enclosure assembly with latched panels for fast, easy inspection.
15. The lower enclosure assembly, along with the top assembly, provide a full, dust-tight enclosure. Drag chain and auger clean-out enclosures available.

## Electronic Weight Processor

- Embedded microprocessor technology.
- Auto zero/auto span makes calibration quick and easy.
- Bright, easy to read, 1/2" LED display.
- Full time self diagnostics.
- Optional multi-scale processor, feed rate controller, load controller, and custom panels for blending, batching, etc.

## Processor Accessories

- Wireless Communication
- Industrial Network Protocols (Modbus, Profibus, Ethernet, Devicenet, Allen Bradley R I/O, etc.).
- Chart recorders, data loggers.
- Ticket, tape printers.
- Scoreboard displays.
- Remote rate/total displays.
- Explosion proof electrical components.

## The Longest Warranty In The Industry

- Every Tecweigh® Weigh Belt Feeder is covered by our exclusive five year warranty!

