



Weighing & Feeding Solutions



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About Us

For more than 50 years, Tecweigh has built a reputation for delivering high-quality, reliable products backed by exceptional Sales, Service, and Engineering support. Our core expertise is in understanding materials and processes, allowing us to deliver high-precision metering and measuring equipment for bulk solid materials. We offer fully customized solutions tailored to meet the unique needs of our customers. Customer satisfaction isn't just a goal – it's the foundation of everything we do.

Industries We Serve

At Tecweigh, we proudly serve a wide range of industries that rely on precise, accurate weighing and feeding solutions. Our feeders, belt scales, and control systems are trusted in demanding environments where accuracy and durability are critical

We support industries including:

- Mining & Aggregates – Built to handle tough materials and harsh conditions, our equipment ensures consistent flow and measurement.
- Food & Beverage – From bulk powders to granular ingredients, our feeders meet stringent hygiene and quality standards.
- Plastics & Chemicals – Our systems manage high-volume and high-precision feed rates for complex material handling needs.
- Construction Materials – Designed for rugged performance, our weigh systems help optimize batching and mixing processes.
- Power & Utilities – We offer dependable solutions for waste water treatment, biomass, and other material handling operations.

No matter the industry, Tecweigh delivers dependable performance, easy integration, and unmatched support—backed by the longest warranty in the business.



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Scan to Learn More About Tecweigh!
Explore our products, connect with a sales rep, or get more info online.

"FLEX-FEED" Feeders

Tecweigh Flex-Feed® Volumetric and Gravimetric Feeders deliver unmatched performance through a simple yet highly effective design. Built for accuracy, consistency, and reliability, these feeders are engineered to handle a wide range of dry materials—from fine powders to large pellets—with feed rates from 0.003 to over 900 cu. ft./hour.

At the heart of the system is the Flex-Feed® system, which helps provide precise metering and control. The rugged polyurethane hopper, external agitation paddles, and tool-less component removal ensure optimal flow and easy maintenance. Tecweigh feeders offer lower installation costs, faster start-up, and a better total cost of ownership.

Trusted across food, chemical, plastics, mining, and minerals industries, Tecweigh Feeders are the smart choice for demanding bulk material handling applications.

Tecweigh weighing systems offer special options to meet your specific needs, such as:

- Extension Hoppers
- Custom Augers and Feed-Tubes
- Spreader Attachments
- Custom Controls
- Batching Units
- Flex-Feed® Hopper
- Industrial Grade
- Food Grade
- Chemical Resistant

GRAVIMETRIC FEEDERS

Tecweigh's Gravimetric Feeder is built with an Integrated Scale Base, the TT20 processor, to ensure accurate weighing and metering through the gravimetric feeder. Tecweigh's scale base includes non-proprietary, strain gauge load cells for optimum serviceability and maximum flexibility.

When paired with the TT20 Processor, it offers Loss-in-Weight, Loss-of-Weight, Gain-in-Weight, and Controlled-Rate-Batching modes.



Learn more about the product by scanning the QR code.

VOLUMETRIC FEEDERS

Volumetric Flex-Feed®

The Flex-Feed® Volumetric Feeder is a rugged, low-maintenance solution for precise solids metering. Its flexible hopper and external paddles ensure consistent flow while minimizing product bridging and degradation. The feeder is available in three standard sizes—0.5, 1.2, and 2.8 cubic foot capacities—with optional hopper extensions.



Learn more about the product by scanning the QR code.

Volumetric High Turn Down

The S5A Sanitary Feeder is built for food processing environments, with tool-less disassembly for fast, easy cleanup. Like other Tecweigh Flex-Feed® units, it features a white food-grade polyurethane hopper and external paddle agitation to ensure smooth flow of tough materials. Each unit includes a premium efficiency 230/460 VAC motor for a wide range of feed rates.



Learn more about the product by scanning the QR code.

HARD-SIDED FEEDERS

The Hard-Sided Volumetric Feeder is built for tough, hard-to-handle chemicals and higher-temperature applications. It features a durable stainless steel contact surface, additional agitation for consistent flow, and our patented cartridge drive bearing assembly for quick, tool-less maintenance. Its "quick disconnect" design allows fast removal of components like the auger and feed tube, reducing downtime and labor costs.



Learn more about the product by scanning the QR code.

WEIGH BELT FEEDERS

Tecweigh Weigh Belt Feeders are the most rugged feeders in the industry, with many having been in service for over 20 years!

We offer several models of Weigh Belt Feeders using National Type Evaluation Program (NTEP) approved load cells. Our feeders are available in capacities ranging from 500 pounds per hour to 1,000 tons per hour with custom designed feeders for even greater capacities.

Our Weigh Belt Feeders are built for the heavy industrial and mining environments. Whether your application calls for totalizing of material or feed rate controls, our industrial Weigh Belt Feeders are built to handle the toughest materials.

WF10 Weight Belt Feeder

Tecweigh WF10, 14, and 16 weigh belt feeders are built for durability and precision in tough applications like flow control, blending, loading and batching. With an advanced weigh idler system that's easy to calibrate, they deliver consistent accuracy—pound after pound, ton after ton. Engineered for performance and value, Tecweigh feeders integrate seamlessly with all Tecweigh processors.



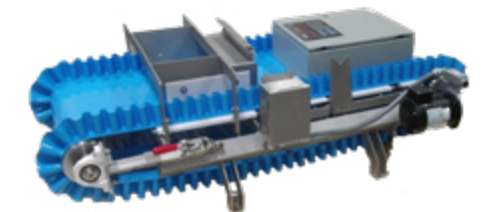
Learn more about the product by scanning the QR code.

WF18 Sanitary Weigh Belt Feeder

The WF18 Sanitary Weigh Belt Feeder is built to withstand demanding applications, offering unmatched durability and hygiene. Designed for performance and reliability, the WF18 delivers precise, consistent measurements in even the harshest sanitary environments. Tecweigh can help configure this unit with features that integrate into a customer's control system.



When your process requires a high level of sanitary construction, and frequent belt removal is required, the WF18 with Cantilever frame is the solution. This unit includes all of the features of the typical WF18, but allows various supports to be removed so the belt can be pulled from the unit, exposing all of the internal components. This becomes an important feature when dry cleaning of the unit is required.



Learn more about the product by scanning the QR code.



BELT SCALES

Tecweigh belt scales provide customers a proven, rugged, and reliable design available in single, dual, and four idler configurations. Our most popular model, the WY15, features self-storing calibration weights to make routine checks quick and simple. While our HY15 Hybrid Belt Scale is a compact, low profile unit that is suitable for non-standard belt widths, & mobile applications. Tecweigh also offers the longest warranty in the business!

LOAD CELL

WY Series Belt Scales

Tecweigh’s WY15, WY25, & WY45 belt scales feature single, dual, and four idler version to meet or exceed accuracy requirements. Self-storing calibration weights make routine checks easy and safe. Plus, the weights can always be found mounted in the belt scale frame. These scale systems are built for the harsh conditions commonly encountered in aggregate and mining, making them ideal for many other industries.



WY HDS Series Belt Scales

The HDS (Heavy Duty S-type loadcell) belt scale features a full-floating unitized weigh frame with self-storing static weights. It is designed for the highest capacity applications and built to survive the most demanding processes. The HDS is available in single, dual, or four-idler configurations with a variety of speed sensors to best suit the application.

Hybrid Belt Scale

The HY15 is a cost effective and proven modular scale designed for lighter loading applications and is perfect for stacker/portable conveyors. Designed for the rock, sand, and gravel markets, the HY15 can adapt to almost any conveyor where lower cost and ease of installation is desired.



Hybrid Belt Scale



WY HDS Belt Scales



WY Belt Scales

Learn more about the product by scanning the QR code.

LINEAR VOLTAGE DIFFERENTIAL TRANSFORMER (LVDT) SENSOR

WY10 Conveyor Belt Scale

The Tecweigh WY10/WY10HD Single Idler Conveyor Scale is a rugged, dependable solution built to withstand dust, dirt, and harsh weather with its weather-tight, one-piece construction. Featuring unique LVDT load sensor technology, it's ideally suited for primary crusher belts in the aggregate, sand and gravel industries.



Learn more about the product by scanning the QR code.



CONTROLS

Tecweigh's scale processors are built to operate in abrasive, corrosive, and humid environments. User friendly controls include features such as full-time diagnostic, adjustable dampening, and easy to understand calibration. Long time Tecweigh customers can update existing scales and weigh belt feeders with a simple to install processor upgrade kit.

TT20

The TT20 is a versatile single-unit gravimetric processor offering Loss-in-Weight, Loss-of-Weight, Gain-in-Weight, and Controlled-Rate-Batching modes. It delivers precise, consistent material feeding with an easy-to-use HMI for real-time monitoring. Plus, its PLC communication ensures seamless integration with your plant's control system.



WP50

The WP50 is a powerful, multi-purpose controller designed for use as a belt scale, load-out, or feed controller with integrated PID control. It comes standard with analog and serial I/O, with optional PLC communication and an integral web interface for remote access.

Housed in an optional NEMA 4X-rated poly enclosure with cUL approval, the WP50 offers a robust, reliable solution backed by a 5-year warranty—making it an ideal replacement for legacy systems.



Optional polycarbonate enclosure



NEMA 12 painted steel enclosure

MS50 Multi-Scale Processor

When measuring and totalizing the flow of multiple belt scales or weigh belt feeders are required, the MS50 is the answer. The MS50 has the same function as the WP50 with the added feature of measuring and totalizing the flow of up to four independent units.



WP50



TT20



MS50

Learn more about the product by scanning the QR code.

ADDITIONAL PRODUCTS

Tecweigh complements its core weighing and feeding solutions with equipment designed to optimize material handling efficiency and system performance.

Bag Dump Stations

- Safe, ergonomic manual input for powders and bulk solids
- Integrated dust control for cleaner operation
- Easy connection to downstream equipment

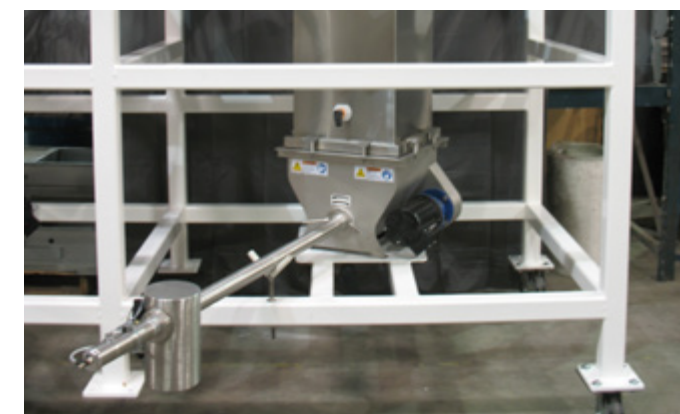
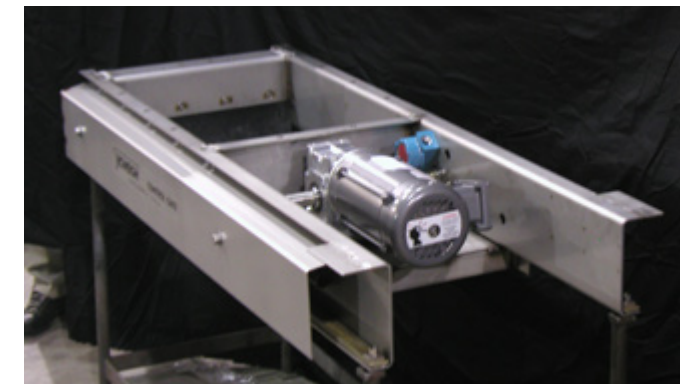
Bulk Bag Unloaders

- Handles high-volume bag unloading with precision
- Available with hoist, massaging paddles, and flow-assist options
- Compatible with Tecweigh feeders for controlled discharge

Control Gates

- Adjustable gate handles sand to 6" aggregate materials
- Heavy-duty steel build with optional wear liners or stainless
- Sensors integrate with either a Tecweigh PLC or the customer's existing PLC.

These support products integrate seamlessly with Tecweigh feeders and controllers to help create complete, reliable solutions tailored to your material handling needs.



CUSTOM PRODUCTS

At Tecweigh, we understand that no two applications are the same. While many projects begin with a standard model, real-world applications often demand more. Whether it's inlet height, outlet length, integration with existing equipment, or specialized finishes, our team is ready to adapt our equipment to fit your exact needs.

Our engineers have experience working with complex dry material handling systems and materials within the industry. From initial concept to final implementation, you'll work closely with our knowledgeable Sales team to find the most efficient, cost-effective solution.

When precision matters, you can count on Tecweigh to get it right.



SERVICE & SUPPORT

Comprehensive Service & Support You Can Rely On

At Tecweigh, we understand that maximizing uptime and maintaining peak equipment performance are essential to your operational success. That's why we provide a complete range of service and support options tailored to meet your unique needs. Our expert team offers technical assistance, rapid remote troubleshooting, and prompt on-site repairs to minimize downtime and keep your processes running smoothly. We also provide preventative maintenance programs designed to identify potential issues before they impact your production, ensuring reliability and long-term efficiency.

Genuine Parts, Robust Warranty, and Customized Training

Tecweigh stands behind every product with a strong warranty and a comprehensive inventory of genuine replacement parts, giving you confidence that your equipment will perform as expected. Our parts are designed to fit perfectly and function reliably, reducing the risk of unexpected failures. To empower your team, we offer customized training sessions focused on equipment operation, maintenance best practices, and troubleshooting techniques. These programs help your staff optimize performance, extend equipment lifespan, and reduce costly errors. With Tecweigh's service and support, you gain a trusted partner dedicated to maximizing your investment and helping your business thrive.

Contact Us:
Service, Parts, & Support 1-800-536-4880 | **Service** 651-233-1964



Learn more about our Service & Support by scanning the QR Code.

WARRANTY

Tecweigh warrants it's equipment to be free from defects in material and workmanship if properly installed, maintained, and operated under normal conditions with competent personnel and supervision, but not resulting from ordinary wear, corrosion, or erosion.

The warranty period that applies to Tecweigh products is as follows:

- Conveyor Belt Scale - 5 years
- Flex Feed Hoppers - 5 Years
- Weight Belt Feeders - 5 Years
- Weight Processors - 5 Years
- Load Cells - 1 Year
- Speed Sensors - 1 Year
- Volumetric Feeders - 1 Year

During the warranty period, any defect will be repaired or replaced without charge providing the equipment is returned pre-paid and undamaged to Tecweigh factory located at **1201 N. Birch Lake Blvd. St Paul, MN 55110**. When on-site repair or replacement is required, a Tecweigh authorized distributor or technician can be hired to diagnose and make necessary repairs. Contact us for authorized representatives in your area, we are here to help any way we can!



TRAINING & TEST CENTER

Located at our headquarters in St Paul, Minnesota, our training facility offers our customers and representatives the ability to learn through hands-on training. We focus on developing and enhancing skills for better understanding application, installation, startup, maintenance, and troubleshooting.

We offer various training classes to meet your needs so please contact us to learn more. Classes can easily be tailored to fit a customer's specific needs.



Scan the QR code to sign up for our next training!



Do you have difficult to handle material? Small batches? Demanding tolerances? Need to check a material to make sure it will feed properly at the desired flow rates?

Let Tecweigh test your material and optimize the feeders before you buy. Testing in our lab will take any guesswork out of the best feeder configuration for your application!



Arrange a test session by scanning the QR code.



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STAY IN THE LOOP



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