Flintec Overview

What we do

Flintec is a world leading manufacturer of precision weight measurement technologies designed for use across a diverse range of industrial sectors. Our journey began in 1968 when two Swedish engineers established a weighing scale design company, designing unique scales and later developing innovative load sensors. Very soon the business grew to include offices in the USA and Germany. Today we have offices and representations globally.

In 2008 the founder of Flintec passed ownership of the business to Indutrade AB, located in Stockholm, Sweden, a company listed on the Swedish stock market. Although ownership of the company has changed, we remain committed to our values of innovation, quality, precision and customer service.

Customer service

We pride ourselves as customer focused service. With offices across the world, we ensure that each customer is given a regional contact who can provide technical guidance and support whenever it is needed. We have a global network of highly skilled engineers who can help with complex system integration and customization.

Manufacturing

Since 1996, Flintec products have been manufactured in Sri Lanka. As demand grew, so did our manufacturing facilities. In 2006, we doubled our manufacturing capacity with the opening of a new state-of-the-art facility. Flintec currently employs over 600 highly skilled staff manufacturing approximately 15 million sensors and 2 million strain gages annually.

Our sensors are manufactured using highly precise machinery, and are continually checked for accuracy. Our strain gages are manufactured at a dedicated facility of highly skilled staff who ensure close tolerances and durability. Flintec’s production is designed and engineered in accordance with ISO9001 and ISO13485 requirements, ensuring quality and precision. We are extremely proud of our manufacturing facilities and welcome any prospective customer to visit Sri Lanka to understand why our products are renowned for being well made and reliable.

Global reach

With offices and product stock strategically placed around the world, Flintec is able to offer fast shipments to our customers regardless of location. If stock levels don’t meet order requirements, we can often mobilize our vast team of manufacturing staff to quickly meet the needs of our customers, offering priority manufacturing combined with either air or sea shipping.

Beam Type

Load Cells

Sensor Systems + Solutions

www.flintec.com
Beam Type Load Cells

Flintec’s bending beam and shear beam load cells ideally suit all industrial weighing scale and general measurement applications.

The highest quality materials
Flintec is one of the few load cell manufacturers to design and produce their own strain gages, ensuring accuracy and reliability. We select using the highest grade stainless steel and aluminium, ensuring quality and consistency with full traceability.

Optimized manufacturing
Flintec’s manufacturing facilities are OIML and NTEP weights and measures certified to ISO9001 and ISO13485. Each load cell is produced using highly accurate manufacturing techniques from raw material to finished product.

Full traceability
Flintec’s manufacturing processes are audited and certified to ISO14001, ensuring the highest form of reliability.

Flintec’s manufacturing facilities are OIML and NTEP weights and measures certified to ISO9001 and ISO13485. Each load cell is produced using highly accurate manufacturing techniques from raw material to finished product. Every Flintec load cell is checked for performance at no-load and full capacity using highly accurate load measuring equipment.

Total calibration
Each of our load cells is electronically adjusted to ensure a consistent accuracy across a wide range of temperatures, typically from -10°C to +40°C.

The load cells are returned to our calibration centre for their own strain gages, ensuring accuracy and reliability. We select using the highest grade stainless steel and aluminium, ensuring quality and consistency with full traceability.

Mounting hardware
A wide range of mounting hardware is available to ensure you get the optimum performance from your Flintec beam type load cell.

Our beam type load cell family can be ordered with a range of precision measuring electronics and high quality mounting hardware allowing for optimum performance in all types of weighing applications.

Common applications

- Agricultural machinery
- On-board weighing systems
- Packaging machinery
- Multi-head filling machines
- Tank and vessel weighing systems
- Platform scales

Key features

- Full range of capacities from 510 to 10,197kg
- Hermetically sealed stainless steel construction
- Capacities from 200 – 2,000kg
- Stainless steel and aluminum, ensuring quality and reliability.
- Capacities from 20 - 204kg
- Tool steel construction
- Capacities from 227 - 4,536kg
- Designed for on-board vehicle weighing
- Electroless nickel plated finish
- Environmentally sealed by potting
- Tool steel construction
- Capacities of 20.4t & 45.4t
- Environmentally sealed by potting
- Stainless steel construction
- Capacities from 10 - 500kg
- Ideal for industrial platform scales
- Hermetically sealed stainless steel construction
- Capacities from 91 - 2,268kg
- Environmentally sealed by potting
- Stainless steel construction
- Capacities from 250 - 2000kg

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