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 representatives globally.

In 2008 the founder of Flintec passed ownership of the business to Indutrade AB, 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.

What we do

Our comprehensive range of strain gage load cells and force sensors can measure exactly what is required, allowing customers to improve their processes and systems. We combine the capabilities of these sensors with additional electronics and software to allow customers to create weighing systems.

For customers who require something unique, Flintec offers a fully project managed process of product development, producing sensors, test equipment, electronics and software that can fully comply with international occupational and environmental requirements. This process allows the manufacturing of complete systems for weighing without the need for additional electronics.

Customer service

We pride ourselves on customer-focused service. With offices distributed worldwide, 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 our workforce expanded significantly with the opening of a new state-of-the-art factory. Currently employing over 400 highly skilled manufacturing employees, Flintec can meet up to 90% of customer orders every month. Our sensors are manufactured using highly precise machinery and are continually checked for accuracy. Our strain gages and electronic circuits are manufactured by highly skilled staff who ensure the best possible quality. Each product manufactured by Flintec is rigorously tested and conform to ISO9001 and ISO13485 requirements, ensuring quality and precision.

For more information about Flintec, visit our website www.flintec.com.
**Products**

Our compression 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 and force measurement applications.

**Compressed Load Cells**

Flintec offers an extensive range of compression load cells for a wide range of weighing and measurement applications. Capacities range from as little as 20kg through to 300,000kg.

**When to use a compression load cell**

Our compression load cell range is designed for a wide range of weighing tasks. Typical applications for our compression load cells include truck scales, silo weighing systems and oil pump control systems. When using a compression load cell, it is essential that the correct mounting hardware is used to achieve high accuracy performance, safety and reliability.

**Common applications**

- assembly machinery
- medical devices
- pump control systems
- silo weighing systems
- tank and vessel weighing systems
- railway weighing systems
- truck scales
- high capacity weighing scales

**Key features**

Wide range of capacities from 20kg to 300,000kg
- Optimized manufacturing
- Electrically welded stainless steel or aluminum
- Laser welding ensuring the highest form of reliability
- Hermetically sealed by laser
- All stainless steel construction

**RC1**

- Capacities from 500kg - 3000kg
- All stainless steel construction
- No compression or shear strain
- Optimized manufacturing
- Wide range of capacities
- Stainless steel construction
- Capacities from 25.5t - 91.8t

**RC3**

- Capacities from 7.5t - 300t
- Self-restoring column design
- Hermetically sealed
- All stainless steel construction
- Capacities 30t, 40t & 50t

**RC3D New Gen**

- Capacities 500kg, 1t & 2t
- User adjustable zero and span facility
- Stainless steel construction
- Low profile
- Capacities from 20kg - 50kg

**Q1**

- Capacities from 20Klb - 100Klb
- Designed for pump off control systems
- Multiple connector options including Molex and Amphenol
- Hermetically sealed (IP68)
- All stainless steel construction
- Capacities of 30Klb & 50Klb

**Q50**

- Capacities from 1000Kg - 50T
- Designed for food industry applications
- Stainless steel construction
- Multiple connector options
- Hermetically sealed (IP68)
- Capacities 30T, 40T & 50T

**JF1**

- Capacities of 2000Kg & 4000Kg
- Designed for pump off control systems
- Multiple connector options including Molex and Amphenol
- Hermetically sealed (IP68)
- Stainless steel construction
- Multiple connector options
- Hermetically sealed (IP68)

**RC3D**

- Capacities 500kg, 1t & 2t
- User adjustable zero and span facility
- Built in micro controller and A/D converter
- Stainless steel construction
- Low profile
- Capacities from 20kg - 50kg

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