



**TAMTRON**  
WEIGH TO KNOW

# WEIGHING SOLUTIONS FOR INDUSTRIAL USE



# PRODUCTS FOR THE DEMANDS OF MANUFACTURING AND PROCESS INDUSTRY

Tamtron serves its customers in the manufacturing and process industry with scale products that are designed to fit challenging industrial environments and with whole weighing systems designed on demand, taking different steps of the process into account.

The data gathered by the weighing information management system can be implemented in the customer's own business. This helps to make production control accurate and processes faster and more efficient. Up-to-date weighing information is also useful in quality control and tracking defects.



## CRANE SCALES

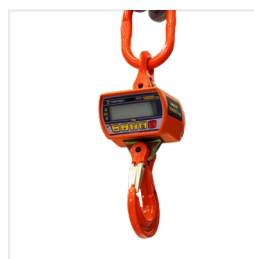
### **TAMTRON SCS+ CRANE SCALE – FROM LIGHTER TO HEAVIER INDUSTRIAL WEIGHINGS**



The type-approved Tamtron SCS+ crane scale is a durable scale which makes the weighing process easier and faster by giving accurate weighing results even when the load isn't completely still. The scale is designed to weight from lighter loads of under 3,200 kg to heavier loads of up

to 50,000 kg. A wireless remote control device allows the scale to be used safely. The scale is approved for commercial weighing. The weighing results can be easily transferred to a computer for further use. A protective frame made of steel and a special version of the scale, developed especially for foundries, are also available.

### **TAMTRON PCS CRANE SCALE – FOR LIGHTER INDUSTRIAL WEIGHINGS**



The Tamtron PCS crane scale is designed especially for lighter industrial weighing for loads of under 10,000 kg. The crane scale is light, which allows it to be moved effortlessly as required. The scale is controlled by a remote control device, which facilitates safe working. The

weighing information is possible to save and transfer further for utilisation. The scale will give an accurate weighing result even if the load is swinging, which makes the weighing process easier and faster. This easy to use scale requires minimal set up and is ready for weighing as soon as it has been lifted onto a crane. This scale is approved for commercial weighing.





### **TAMTRON SCALIFT 100 FORKLIFT SCALE – PRECISION CARGO WEIGHING**

Tamtron Scalift 100 suits all kinds of forklifts. Weighing takes place while loading - it is accurate and fast, saves time by loading efficiently and you easily manage your weighing log. The operator lifts the load as usual and weighs the load by pressing the weighing button, after which the load slightly descends, the weighing result is displayed on the screen and stored in the weighing log. Weighing information can be transferred to a printer via a RS232 port.



The scale is rugged and informs the driver of overloads based on the given loaded capacities. Weight capacities: 5t / 18 t / 33t.

## **OTHER SOLUTIONS**

### **TAMTRON SHS-BT SHACKLE DYNAMOMETER – FOR DEMANDING MEASURING AND TESTING**



The shackle dynamometer SHS-BT is designed to endure particularly demanding industrial use. With its compact structure, the device fits perfectly into small spaces, which makes it excellently suited for use in the field. Available capacities range from 20 tonnes up to 120 tonnes. Easy to use and

increasing work safety, the shackle dynamometer has an overload warning facility and it can be operated wirelessly from a distance. Weighing details are saved to the remote control's memory, from where they can be utilized with another device. The shackle dynamometer is shipped calibrated and ready for use.

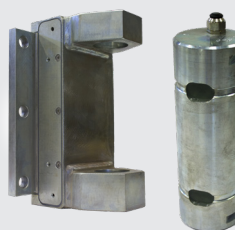
### **TAMTRON OPU OVERLOAD PROTECTION UNIT – ENSURES SAFE LIFTING**



The Overload Protection Unit, typically used with cranes, hoists, elevators, lifters and gears, facilitates accurate and reliable overload supervision.

It is designed to help avoid damage to equipment and personal injuries. If the crane is overloaded or the load gets stuck, OPU stops the lift to prevent the machine from getting damaged. Automatic diagnostics constantly monitor the condition of cables and the weighing sensors, ensuring the device functions reliably. OPU stores the details of any potential overload incidents, along with the date and time, and this information can easily be transferred to a computer.

### **LOAD CELLS – STANDARD DELIVERY OR TAILOR-MADE**



Load cells are used as a part of the weighing system and to prevent overloading. The high security factor ensures the load cells withstand demanding conditions. We produce both standard load cells as well as customer-specific tailored load cells.

Application-specific, tailored products include for example tension load cells, axle load cells, chain load cells, bending load cells and compression load cells.

# INTERNATIONAL WEIGHING INDUSTRY PROFESSIONAL

Tamtron is an advanced product manufacturer and service provider in the weighing industry that is committed to high-quality and responsible service. The company's success is based on the ability to produce some of the most innovative and competitive weighing solutions in the industry. The weighing solutions provided by Tamtron make customers' everyday operations easier and more efficient in industries such as manufacturing, forestry and wood processing, harbours, construction and mining, transportation and logistics as well as recycling and waste management. ISO 9001:2015 Quality Management System certified competence guarantees the premium quality of deliveries.

Tamtron operates internationally and employs 140 professionals. The company headquarters is located in Finland and it has subsidiaries in Sweden, Poland, Germany, the Czech Republic and Slovakia. In addition to strong domestic trade, Tamtron exports globally to more than 60 countries. The company has a turnover of EUR 22 million. Tamtron is a reliable partner in weighing solutions with expertise and know-how of over 40 years, since 1972.

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