



TAMTRON

TAMTRON SCALIFT FORKLIFT SCALE

**PRECISION CARGO WEIGHING AND
INNOVATIVE DATA MANAGEMENT
FOR IMPROVED WORKFLOW**

Work smarter, not harder with the Tamtron SCALIFT.

Eliminate existing bottlenecks and weigh your cargo while loading with a forklift. By reducing unnecessary driving, you minimize emissions and risk of accidents, improving employees' working safety. The Tamtron SCALIFT will boost your operations' efficiency and productivity. We developed this forklift scale for our customers who require fast, accurate weighing and information management for their core business.

FORKLIFT SCALE SCALIFT 100

EFFICIENT CARGO HANDLING AND WEIGHING

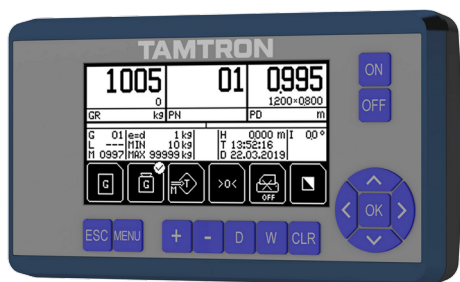
Tamtron Scalift 100 is designed for control weighing and suits all kinds of forklifts. Weighing takes place while loading – it is accurate and fast, saves time by loading efficiently and you easily manage your weighing log.

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 Tamtron Scalift 100 technology produces exact weighing results. The scale is rugged and informs the driver of overloads based on the given loaded capacities.

SPECIFICATIONS

- ▶ **Weight capacities:** 5t / 18 t / 33t
- ▶ **Weighing precision, of maximum capacity*:** $\pm 0.5\%$
*For a vehicle maintained routinely
- ▶ **Temperature range:** 0–50 °C
- ▶ **Supply voltage:** 12–100 VDC
- ▶ **Power consumption:** 5 W
- ▶ **Serial output:** RS232
- ▶ **Sensor protection:** IP 65



SCALIFT 100 is based on hydraulic weighing technology, developed for forklift trucks and stackers. By measuring the forklift hydraulic pressure, which indirectly reflects the weight of the lifted load, a robust and effective method for weighing of goods is achieved.

The affordable and overload protected pressure sensor makes the method suitable for harsh industrial environments, while exposed electrical wiring and damage to precious load-cells are eliminated. On Scalift 100 the influence of mechanical frictions is reduced in the forklift mast and hydraulic cylinders by automatically lowering the forks during weighing operations

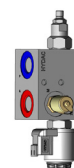
- ▶ The Scalift 100 technology typically reduces weighing tolerances to $\pm 0.5\%$, corresponding to ± 10 kg for a forklift with a lifting capacity of 2000 kg.
- ▶ The weighing process takes 5–10 seconds



DISPLAY UNIT



PRESSURE SENSOR



HYDRAULIC BLOCK

- OPTIONS:**
- Thermal printer
 - Load height measurement with LVD

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Tamtron is a leading supplier of advanced weighing solutions, offering innovative weighing and dosing technologies, comprehensive lifecycle services, and modern cloud-based digital services. Supporting industries such as construction, mining, wood processing, waste management, logistics, and manufacturing, Tamtron operates globally with its headquarters in Finland. The company has a strong presence across Europe through its subsidiaries and worldwide partner network.