

The image shows a large blue TAMTRON One Power material handler scale crane in operation at a recycling plant. The crane's long boom is extended, and its yellow grapple is lifting a large pile of scrap metal. In the background, there are several large white storage tanks and other industrial structures. The sky is clear and blue. The TAMTRON logo is in the top left corner. A blue circle highlights the crane's cab, and another blue circle highlights the grapple. A blue hexagon with the text '3,2t' is positioned near the grapple, indicating the weight of the material being lifted. The overall scene is industrial and focused on material handling and weighing.

# TAMTRON

3,2t

## TAMTRON ONE POWER MATERIAL HANDLER SCALE

**THE MATERIAL HANDLER SCALE ACCURATELY WEIGHS MATERIALS BEING MOVED WITHOUT INTERRUPTING THE WORK AND FACILITATES REAL-TIME MATERIAL FLOW MONITORING AND COMPREHENSIVE MANAGEMENT**

The Tamtron One Power material handler scale weighs material effortlessly while it is being moved, unloaded or loaded. The weighing information can be transferred in real time to ERP or other systems, facilitating efficient material flow management.

The easy-to-use scale is designed for fast-paced material handling and can be used together with various lifting tools. The scale also allows for different materials to be easily weighed in conditions that require great reach, such as harbours and terminals, recycling plants and wood processing. The Tamtron One Power material handler scale is also suitable for determining the density of freshly cut wood, as it has a separate function for immersion weighing.

- ▶ Accurate weighing results, 1–2%
- ▶ Immersion weighing function
- ▶ Weighing information can be transferred to a cloud service or, via integration, to an ERP or other system
- ▶ Modern Tamtron One display



## WEIGHING INFORMATION MANAGEMENT

Information produced by the Tamtron One Power material handler scale on processed material amounts can be easily and reliably transferred to be used for business purposes, which allows for real-time monitoring of volumes being moved. The comprehensive management of material flows increases operational transparency and facilitates the optimisation of operations and schedules.

- ▶ Can be integrated into an ERP or other system in order to facilitate reliable information transfer and real-time reporting and monitoring
- ▶ Connectable to the weighing information cloud service, through which the weighing information is accessible in real-time
- ▶ Possible to integrate into on-board PC
- ▶ Weighing information from all Tamtron scales, such as material handler scales and traditional truck scales, can be managed in the same system

## TAMTRON ONE DISPLAY SPECIFICATIONS

- ▶ Dimensions 205x144x45 mm w/o mount
- ▶ Weight 1 kg (with mount)
- ▶ Operating Voltage 12/24VDC
- ▶ 7" 800x480 TFT LCD with capacitive touch panel
- ▶ 2xCAN (1xCAN with 12VDC power output)
- ▶ Analog composite video input
- ▶ 1xRS232 for printer with 24VDC power output
- ▶ 2xUSB 2.0
- ▶ 2G/3G/4G mobile data
- ▶ Wi-Fi 802.11b/g
- ▶ Bluetooth 4.1
- ▶ GPS/GLONASS
- ▶ Absolute orientation sensor
- ▶ Internal buzzer
- ▶ Digital I/O (3xDigital in, 1xDigital out, 1xPWM out)
- ▶ IP 67
- ▶ Operating temperature -25 – +50 °C

## SCALE MODELS

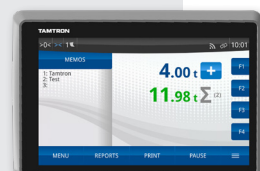
The Tamtron One Power material handler scale is available equipped with an advanced One scale instrument or as a PC version that is integrated into on-board PC.

### ONE POWER 300I

- ▶ 12 main memos for different materials and other weighing-related data
- ▶ Internet information transfer

### POWER PC SOFTWARE

- ▶ Log memory for 10,000 receipts
- ▶ Integration to ERP and logistics management systems
- ▶ Compatible with Windows



The Tamtron One Power material handler scale is also available without the data transfer option.

## TAMTRON

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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.