

TAMTRON



TAMTRON ONE POWER DUMPER TRUCK SCALE

THE DUMPER TRUCK SCALE WEIGHS MATERIALS IN THE LOADING PHASE AND FACILITATES ACCURATE MONITORING AND TRACEABILITY OF MATERIAL FLOWS

Regardless of what machine is used for loading material, the easy-to-use One Power Dumper Truck Scale weighs the material in the loading phase. This makes work faster and saves fuel, as there is no need to drive the vehicle onto a bridge scale.

Accurate information regarding transported quantities, loading times and destinations facilitates easy monitoring of material flows, operational transparency and optimisation of both the logistics chain and the overall process. Designed for demanding conditions, the user-friendly One Power Dumper Truck Scale can be installed onto all dumper truck models.

The scale has two different weighing modes: the easy-to-use storage weighing mode enables monitoring the amounts of moved materials while separating different material types or storage locations, whereas the quick basic weighing mode comes in handy when there is no need to separate materials or other information.

- ▶ Accurate weighing results, error margin less than 2%
- ▶ Two weighing modes for different applications
- ▶ 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

Weighing information collected to the memory of the Tamtron One Power dumper truck scale can be printed with each weighing or transferred to be utilised for business activities via USB, a cloud service or integration directly to an ERP or other system.

With the electronic information transfer, orders can be transmitted directly to the scale and acknowledged as completed via the scale, making it possible to carry out invoicing immediately after the weighing. Optimised loads and information regarding transferred amounts, materials and schedules make business more efficient and bring transparency to the processes, giving tools for optimal profit-making. With the information, work sites can be optimised to be as fluent and efficient as possible and reporting between co-operation partners becomes easier.

SAFER OPERATIONS

The accurate scale improves safety as well, as damage caused by overloading can be avoided and the truck can be loaded accurately without exceeding the allowed weight limits. Safety can also be increased with features such as an immobiliser system or a rear-view camera connected to the scale.

TAMTRON ONE POWER SCALE MODELS

All Tamtron One Power dumper truck scale models save the weighing information to a log memory and important information, such as customers and materials, can be saved into the scale. The basic models One Power 100 and One Power 200 do not come with the electronic information transfer feature, but they can easily be updated to a more advanced One Power model at any time.

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

ONE POWER 100

- ▶ Four main memos for saving information
- ▶ 1000 receipts in log memory

ONE POWER 200

- ▶ Eight main memos for saving information
- ▶ 10 000 receipts in log memory

ONE POWER 300i

- ▶ 12 main memos
- ▶ Log memory for 10 000 receipts
- ▶ Internet information transfer

POWER PC

- ▶ Log memory for 10 000 receipts
- ▶ Integration to ERP and logistics management systems



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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.