



T1 Digger Excavator Scale



ANDROID

T1 DIGGER is the new concept of on-board weighing and productivity management for earthmoving and mining excavators, in a single device. Based on the type of need and working methods, it is available in a Basic or Advanced version. The innovative T1MMT bluetooth transmission module allows a direct and constant control of the loaded material and the details of the job such as customer, material, vehicle ID, operator, etc. through an Android App for smartphone or tablet. All weighing data and production databases can be transmitted via serial or can-bus line to the on-board computer or directly in-cloud on external devices, maintaining control and management of productivity and safety of your machinery.



ADVANTAGES

- ✓ Real time on board weighing
- ✓ Production charts and databases
- ✓ Available in basic or advanced version
- ✓ Supreme accuracy and performance
- ✓ Quick and easy installation
- ✓ CLOUD Data transmission feature
- ✓ Long range Bluetooth module

FUNCTIONS

- ✓ Display of total weight, partial weight, number of buckets and target weight
- ✓ Dynamic weighing mode
- ✓ Free management of the starting weighing point
- ✓ Database management for customers, materials, vehicles and operators
- ✓ Internal storage database
- ✓ Management of multiple attachments
- ✓ Multi-material management in the same load
- ✓ Conversions in cubic meters
- ✓ Tare management

T1 MMT TECHNICAL DATA

Working temperature	-40° ÷ +85° C
Power supply	8÷32 Vcc
Protection level	IP68
Consumption	>0,50 ADC
Dimensions	118x133x36mm
Features	Inverse polarity protection
	Shortcircuit proof
	Bluetooth long range module



Beacon BLE ^



Outset tracking data ^

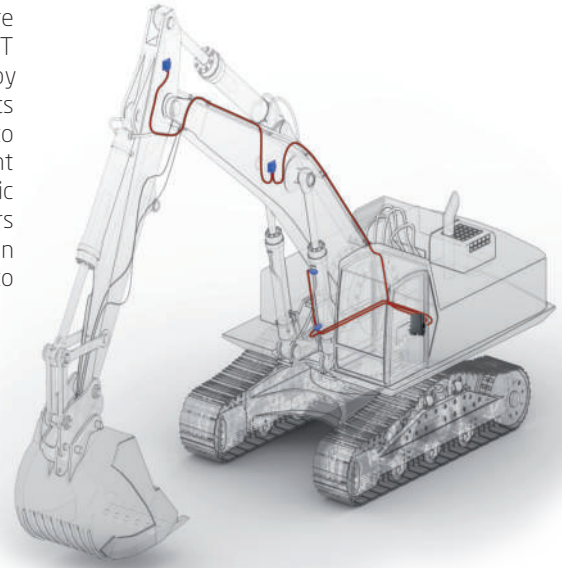


Bluetooth paper roll printer ^

Designed to work on tracked mini & full sized excavators

EXCAVATOR

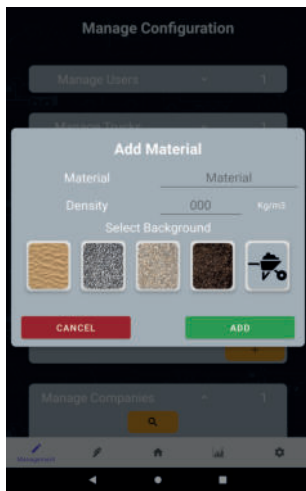
The digital sensors, which are installed on the hydraulic circuit, record the pressure variation due to the weight loaded on the bucket, by sending data to the T1MMT transmission module located in the excavator's frame. The weight is reading by inclinometers allows to have a visualization of the total and partial weights, buckets number and the target weight. The dynamic weighing function makes it possible to weigh the load during the lifting, without having to stop operations. Free management of the starting weighing point height according to your needs. Available in the Basic version with two inclinometers or in the Advanced version with three inclinometers and rotation and surface compensation. All information is displayed in real time on the T1 DIGGER Android App connected via bluetooth in the cabin, allowing you to manage production and databases of customers, materials, vehicle IDs and operators.



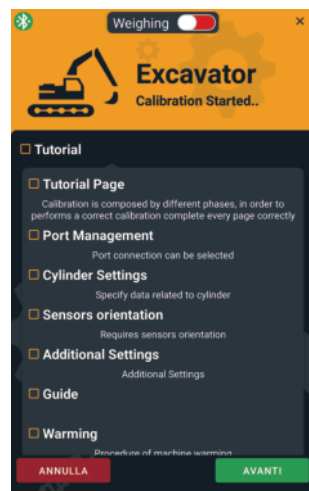
Accuracy: $0 \div 3\%$

Technical data	Sensor 400 bar
Range	0400 Bar
Safe overload	150% F.S.
Output	0,5 ÷ 4,5V
Working temperature	-40° ÷ +100° C
Protection level	IP67
Weight	38 gr

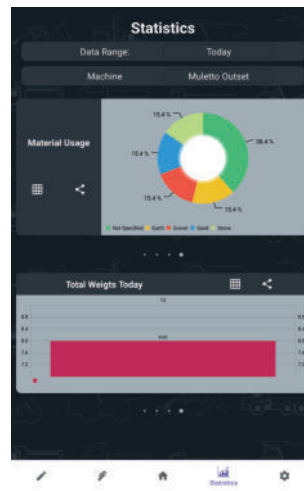
T1 LOADER APP



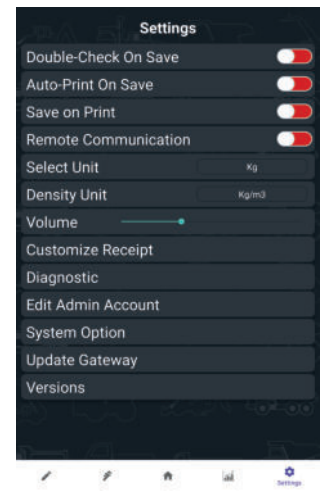
user friendly database



step-by-step tutorial calibration



report and statistics



user friendly settings

T1 MMT TRASMISSION MODULE

- ✓ Multiple applications software
- ✓ Integrated data management
- ✓ CLOUD data storage
- ✓ Customized App
- ✓ Bluetooth thermal printer
- ✓ Calculation speed enhancement



OTD - OUTSET TRACKING DATA

- ✓ Weighing data management
- ✓ Production management
- ✓ Anomaly alarms
- ✓ GPS tracking
- ✓ Data collection in the CLOUD
- ✓ Data synchronization
- ✓ Reports

