OUTSET®
ADVANCED ON BOARD TECHNOLOGY

Certified B Corporation

Company with certified management system comply with UNI EN ISO 9001 UNI ISO 45001 - UNI EN ISO 14001

SUSTAINABLE BUSINESS INNOVATION





T1 DIGGER

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.



Bluetooth paper roll printer RUGGED



Beacon BLE



T1 CLOUD

ADVANTAGES

- Real time on board weighing
- Available in Basic or Advanced version
- Production charts and databases
- 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

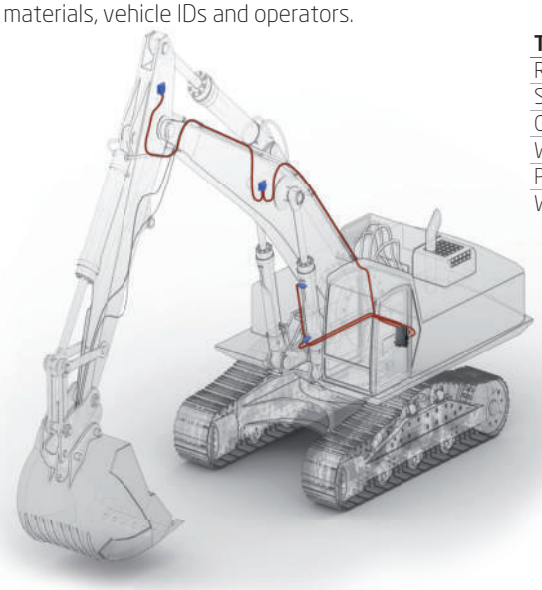
Working temperature	-40° ÷ +85° C
Power supply	8÷32 Vcc
Protection level	IP68
Consumption	>0,50 ADC
Dimensions	118x133x36mm
Features	Inverse polarity protection
	Shortcircuit proof
	Bluetooth long range module

OUTSET srl Società Benefit - Via Pacinotti, 9 - 36066 Sandrigo (VI) Italy - tel +39 0444 751028 - www.outset.it - info@outset.it

EXCAVATOR

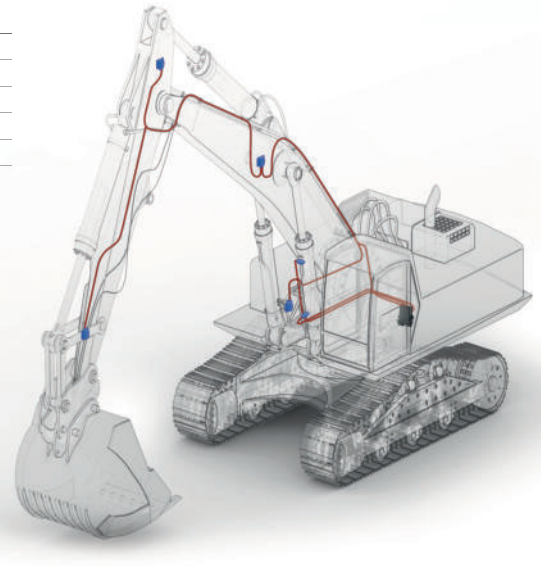
The digital sensors, which are installed on the hydraulic circuit, record the pressure variation due to the weight loaded on the bucket, by sending data to the T1MMT transmission module located in the excavator's frame. The weight is reading by inclinometers allows to have a visualization of the total 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. All informations are 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.

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



Accuracy: **0÷3%**

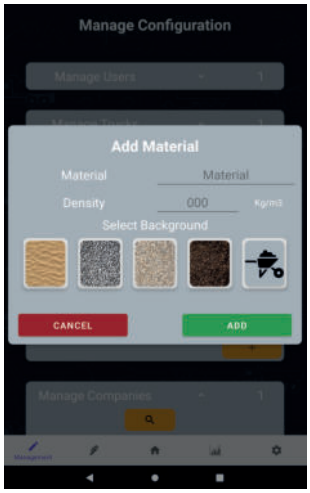
T1 DIGGER in the Basic version with two inclinometers and rotation compensation.



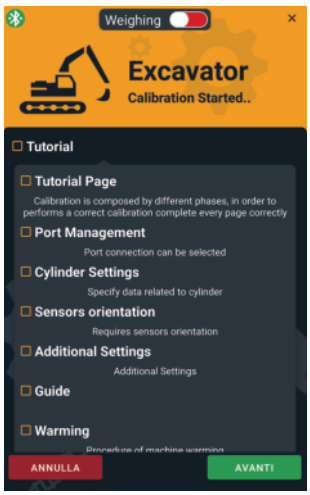
Accuracy: **0÷2%**

T1 DIGGER in the Advanced version with four inclinometers and rotation and surface compensation.

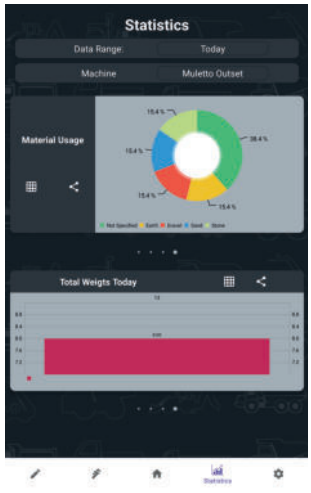
T1 DIGGER APP



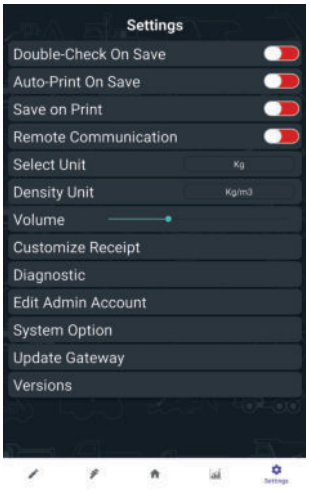
user friendly database



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



T1 CLOUD

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



Outset® Srl Benefit Company reserves the right to update or modify the products or the functionality described at any moment without prior notice.
All intellectual property rights related to the Company and/or the products are the exclusive property of Outset® Srl Benefit Company.

©OUTSET