

TMU40



TMU40 is the innovative tracked tool carrier C4 MECCANICA-branded

STRENGTHS:



Slope work

Machine with optimal weight distribution for working on **slopes up to 55°** making it suitable for operating in areas that are difficult to access with conventional machines. Thanks to its characteristics it can be equipped with multiple accessories present in the range.



Practicality and Comfort

TMU40 is a tracked tool carrier with double driving options: with operator on board or with **radio controlled**.



Safety and Reliability

The monocoque construction of the frame protects all sensitive components from any impact with foreign bodies during work, to the benefit of reliability, while ensuring **easy access for maintenance and inspection**.



Low environmental impact

The machine is predisposed for the utilization of biodegradable oils (optional).

TMU40

is able to work on slopes up to 55°



It can mount 4 types of TRACKS:

Standard - 250 mm

recommended for sensitive soils

High profile - 280 mm recommended for uneven surfaces where it is necessary to guarantee optimal adherence up to 100% slopes

With steel brackets - 250 mm

recommended for areas covered with reeds

With steel brackets and nails - 250 mm

recommended on cross slope

① Large hood with assisted opening to facilitate access to maintenance.

② Hooks for lifting and anchoring the machine.

③ Radiators are cooled by a variable pitch reversible fan. Fan blades adjust to adapt airflow to operating temperature and, automatically every 10 minutes, they reverse to clean the radiator from external debris. The control can also be given manually by the radio control.

The machine was developed around a single concept: SAFETY.

In fact the TMU allows the operator to operate at a distance of up to 100 m, making sure that he is never directly exposed to risks arising from the use as: projection of debris, noise, dust, vibrations etc.. **But... SAFETY DOES NOT RULE OUT PRACTICALITY.**

Quality components

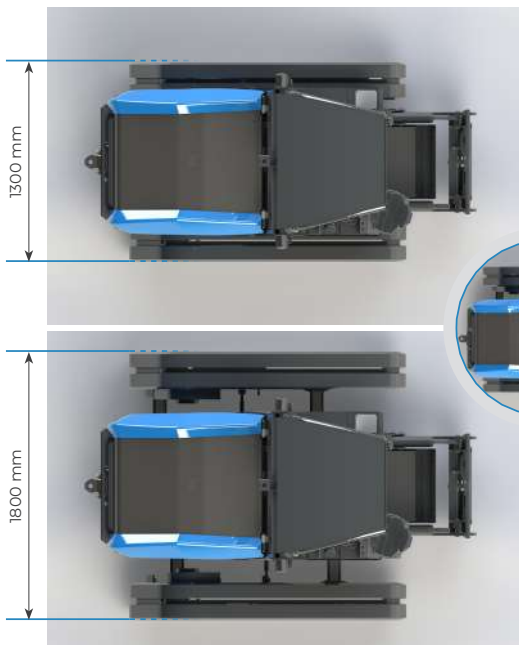
- ① Led work lights to facilitate work at night.
- ② All the hydraulic connections are grouped on the left side of the machine and are easily inserted using two multi-connector plates, which speed up the operation and eliminate any possibility of error when connecting the hydraulic lines.
- ③ Foldable ROPS/FOPS canopy to save space in radiocontrolled configuration.
- ④ Quick release tool lift.



The lift (4) uses two hydraulic cylinders that can be configured in 3 operating modes, selectable from the remote control: **double effect / single effect / floating**.

The quick coupling was designed in symbiosis with the machine to ensure the best combination of load capacity and ease of use, this allows the TMU40 to adapt perfectly and in the shortest time possible with all the equipment of the range.

Hydraulic quick couplings (2), of the unified "flat face" type, are all placed on the left side of the machine in an easily accessible position and clearly identified for an easy, fast and safe connection of the equipment.



Adjustable tracks for greater grip and stability

Width with closed tracks **1300 mm**
Width with open tracks **1800 mm**

The TMU40V is equipped with variable tracks. Each track can be translated by 250 mm from its original position, **independently of each other**.

In fact, each individual track is equipped with a dedicated hydraulic cylinder and replaceable sliding guides, made in wear resistant material.

*With the expandable tracks the TMU40V is able to work on **55° SLOPES** in every direction ensuring reliability and safety in all conditions.*

Safety and Practicality

- ① Padded reclining seat with armrests, 1 Adjustable headrest and position.
- ② Large ergonomic joystick.
- ③ Radio remote control with monitor mounted on the right side in a comfort position while driving on board.

On TMU40 it is possible to drive on board during work operations with lower risk for the operator. You can change the configuration of the machine quickly and without the use of tools. **The machine automatically recognizes the driving configuration**, depending on the position of roll-bar, seat and radio control.



To ensure maximum safety for the operator, the machine stops working if the safety devices are not correctly inserted.



Driving position with ROPS / FOPS approved canopy, reclining and longitudinally adjustable padded seat. In onboard driving mode, the travel and lift operation controls are transferred to an **ergonomic proportional joystick** that allows precise control of the machine.

Remote control equipped with **display (3)** that allows control of all functions and machine information. Main controls on proportional **joystick (2)** for precise control of machine movements. On-board battery charger and spare battery included in the standard equipment.

Remote diagnosis device

TMU can be equipped with a remote **diagnosis device**, that works via LTE and cloud network.

The machine is accessible from a PC/web browser to read the machine's operating parameters and identify its position, as well as remotely send commands to the machine.

