

MT 4000 C

TOUCHLESS

NEW



automotive service equipment

MT 4000 C

TOUCHLESS



1. TOUCHSCREEN INTERFACE -

The user-friendly graphic interface, together with the latest **touchscreen technology** on 22" widescreen monitor simplify and speed-up all operations and program selection.



2. MULTIFUNCTION BUTTON

Further speed-up of different routines and programs selection.

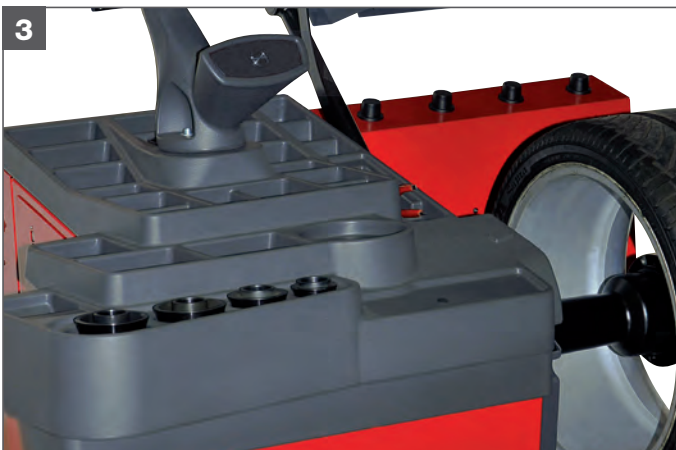
3. Weight tray

Weight tray **ergonomic and functional**, it features many large trays to house all different types of counterweights and the various tools.



4. USB ports

USB ports for connection to peripheral devices and **easy software upgrading**.





5. Space saving wheel guard (PATENT PENDING)

Space-saving wheel guard designed to allow the **positioning along the wall**, it also permits to hold wheels up to **44"** (1,118 mm) maximum diameter.

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6. Inclined front side -

Inclined front side for higher ergonomics and easier access of the operator to the inner part of the rim.

7. REAR SPLASH GUARD -

With slots for additional accessories.

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8 . Automatic electromechanical wheel clamping -

New automatic electromechanical wheel clamping system for shorter operative times and higher centering accuracy.

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8

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9. TOUCHLESS SYSTEM FOR DIMENSIONS MEASUREMENT -

High precision laser sensors automatically measure all dimensions of the wheel in a few seconds during the measurement cycle.



10. AUTO POSITIONING -

The wheel is braked and put in balancing position at the end of the spin (RPA).



11. LED SPOTLIGHT -

Integrated LED spotlight to light-up the work area and make it easier to clean the rim, check the wheel and apply weights.





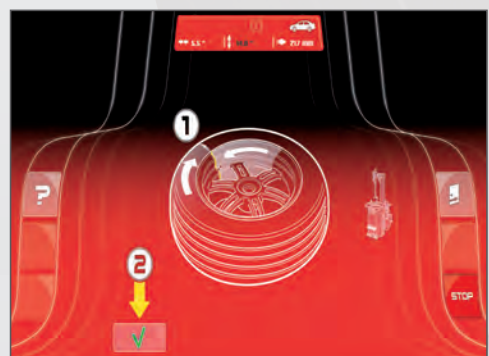
12. WEIGHTS APPLICATION -

The **internal LASER pointer (LPS)** indicates the exact position of adhesive weights, with maximum precision.



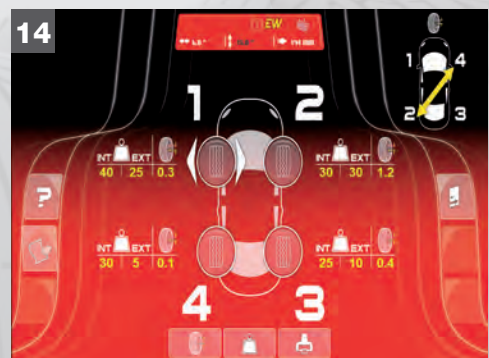
13. LASER RUNOUT

High-precision measurement of **radial and lateral run-out** of the wheel (1st harmonic and peak-to-peak) and calculation of the better matching between the parts, solving the typical road vibration problems.



14. EASY TIRE SET

A special vehicle tire set diagnostic tool. Once all wheel data is stored, MT 4000C suggests the optimum placement on the vehicle maximum comfort and safety.



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Equipment

Electromechanical locking system



TOUCH SCREEN



4 cones $\varnothing 42 \div 118,5$ mm

X 3

Recommended accessories

A



A. 8-21100230

"Weightless effect" wheel lifter which eliminates operator effort, speeds up routine operations and ensures perfect centring thanks to the self balancing function.

B. 8-21100082

Set of six bushes for reverse side centring

C. 8-21100091

Universal self-centering flange for wheels with or without central hole, hole \varnothing min. 90 max. 210 mm

Recommended accessories



B. 8-2110082

Set of six bushes for reverse side centring



C. 8-2110091

Universal self-centering flange for wheels with or without central hole, hole \varnothing min. 90 max. 210 mm

C1. 8-2110092

Set of five bushes for precise centering on FRU flange

D. 802459564

Clamping hood for alloy rims \varnothing 210 mm



E. 8-21100145

Universal flange kit for wheels with central hole



F. 8-21100141

Centering accessory for van and off-road wheels with central hole with \varnothing 117÷173 mm



g. 8-21100228

Bushes

\varnothing 66 / \varnothing 56,5 - 72,5÷74 mm

H. Mercedes kit -> 8-21400022

Bushes \varnothing 57 / 66,50÷84 mm

Technical data

Balancing speed	75 / 85 / 98 rpm
Resolution	1 g (0,0353 oz)
Average measuring time	5,5 s
Shaft diameter	40 mm (1,57")
Rim width setting range	1,6" ÷ 23,6"
Rim diameter setting range	1" ÷ 35"
Rim diameter measurable with the sensor	10" ÷ 32"
Maximum wheel width	600 mm (23.6")
Maximum wheel diameter	1118 mm (44")
Wheel/machine support flange distance	275 mm (10.82")
Maximum wheel weight	75 kg
Supply voltage	115 - 230 V 1 ph 50/60 Hz

Dimensions

