



MT ZERO 6

WITH SONAR SPOKE DETECTION
AND LASER WEIGHT POSITIONING

Beissbarth MT ZERO 6 wheel balancer



Option 1: LCD displays: keyboard with small 7" or new large 22" touch screen



Option 2: Flange: mechanical or pneumatic wheel clamping



Mechanical flange with long shaft (240mm)



New surface structure of the tray: particularly slip-proof



The electronic data arm determines the rim distance/ diameter and the position of the adhesive weights

Normal balancing within 6 seconds

- 3 lasers mark the position of the weights
- Sonar and sensor arm determine the wheel data
- Automatic wheel positioning (ATP)
- Flange: mechanical or pneumatic
- 3 operators, 25+ menu languages

Large, interactive 22" touch screen with numerous helpful video animations. Touch function can also be used with gloves.



MT ZERO 6 suit the following wheels:

- Passenger cars, vans, motorcycles
- Rim diameters between 10" and 30"
- Rim widths between 1" and 15"



Pneumatic wheel lift Airgo lift (recommended accessory)



New pedal functions: down: lock shaft / wheel. Up: release / clamp the pneumatic flange

Wheel hood:
starts and stops the measurement



The **sonar** automatically determines the width of steel rims and the number of spokes of aluminium rims.

All lasers:
class 2



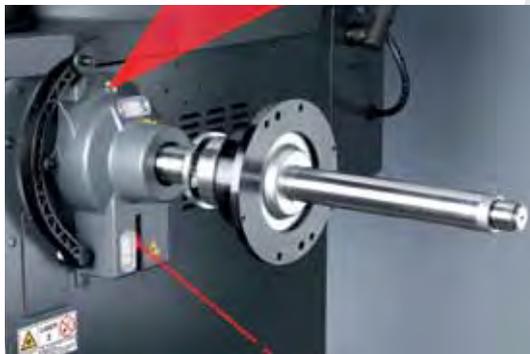
Line laser* for the exact positioning of clip-on weights on the exterior of steel rims



Line laser* for the interior of steel rims



Spot laser* for accurate positioning of adhesive weights on aluminium rims (interior and behind the spokes)



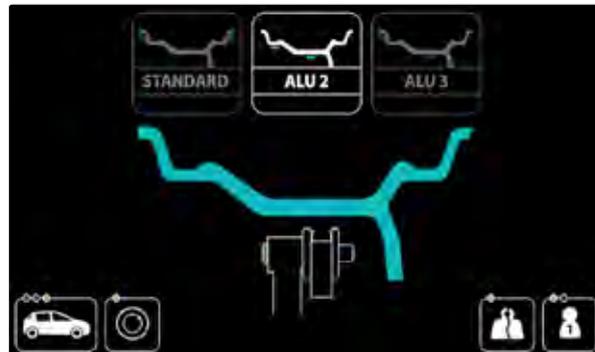
LED: internal rim illumination



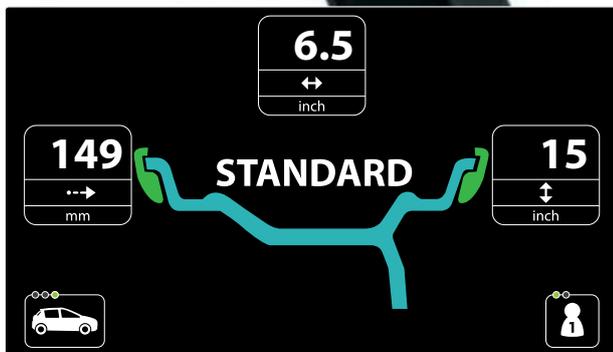
Automatic **LED** illumination when using the electronic data arm

*Caution, laser in operation! Please observe the hazard specifications on page 8

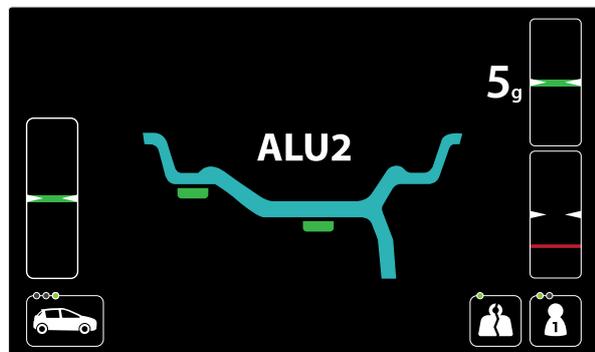
MT ZERO 6 Digital: manual keyboard with integrated digital 7" LCD screen



Selection of aluminium routines



Selection of standard routines



Splitting function



Airgo lift is easy on the back in case of heavy wheels

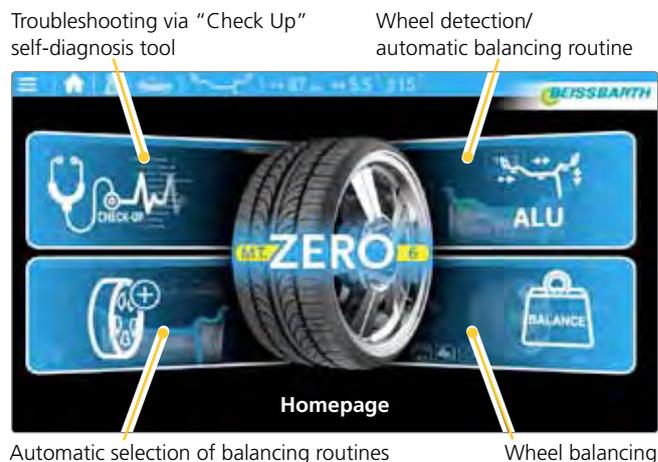


Optimized tray: important accessories always at hands

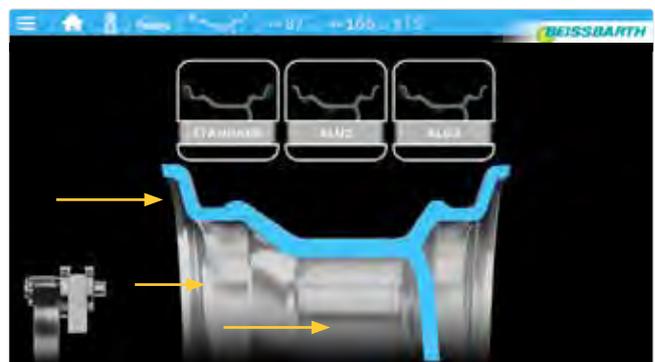


Laser category 2: see safety information

MT ZERO 6 Video: full screen with interactive 22" LCD touch screen



Data collection (example)



Automatic determination of the number of spokes via sonar



Hidden weight distribution behind the spokes (SPLIT programme / ASD function)



Service box: manual unlocking and compressed-air connection to the service unit (only in case of pneumatic flange)

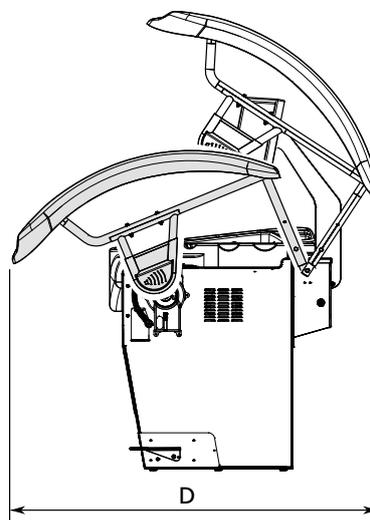
Technical data and scope of delivery

MT ZERO 6

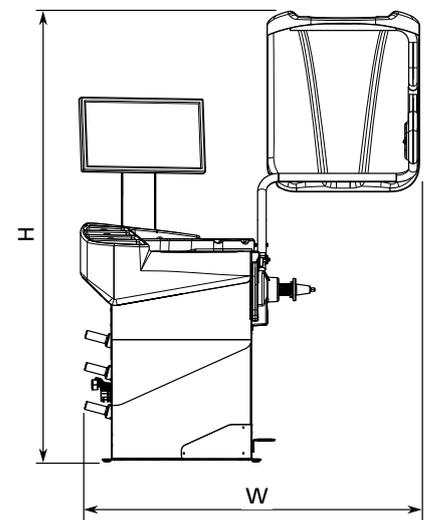
Function	Specification
Balancing speed	220 rpm 50 Hz
Voltage supply	230 V 1~ (50/60 Hz)
Power input 0.7 kW	80 kg
MT ZERO 6 Touch AWxP compressed air supply	8 – 10 bar
Rim width, to be adjusted via buttons	2 – 20"
Rim width, measurement range of the electronic sliding calliper/measurement arm	1 – 15"
Rim diameter, to be adjusted via buttons	8 – 40"
Rim diameter, measurement range of the electronic sliding calliper	10 – 30"
Maximum wheel weight	80 kg
Maximum wheel diameter	1 150 mm
Maximum wheel width	490 mm
Average measurement time	6 seconds
W x H x D	max. 1 400 x 1 840 x 1 300 mm
Net weight	160 kg

Scope of delivery:

- Centring aids:
 - 3 cones for mechanical adapter
 - 4 cones for pneumatic adapter
- Quick clamping nut with clamping cover and rubber ring
- 3 laser pointers, 1 sonar
- LED interior illumination
- Weight pliers
- Calibration weight
- CE-certified operating manual



*fig. Size (see table)



Pneumatic flange: Easy ...



... quick



... fixed.

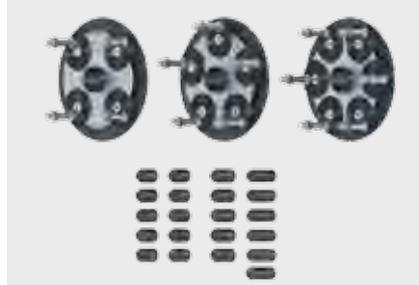
Special accessories

MT ZERO 6



Airgo lift

Order number: 1 695 601 012



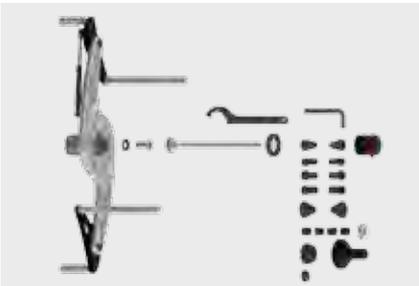
Set of variable type clamping boards

(QuickPlate) for 4/5/6-hole rims
Order number: 1 695 655 294



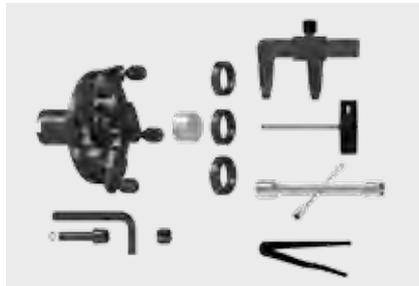
DuoExpert centring system

(3 sleeves in transport box 54 – 78 mm)
Order number: 1 695 656 698



Standard motorcycle flange (Ø 14 mm)

Order number: 1 695 654 039



Universal clamping device for

closed rims (Renault, Peugeot, Citroën)
Order number: 1 695 654 043



Demo box kit for light lorries

Order number: 1 695 656 569



Flange case for passenger cars

Order number: 1 695 656 570



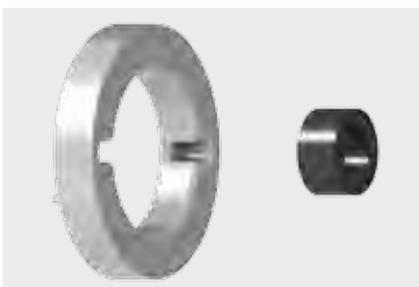
Set of lorry cones (Ø 88 – 174 mm)

Order number: 1 695 654 849



Centring cone (Ø 88 – 132 mm)

Order number: 1 695 653 449



Spacer ring for off-road rims and particularly wide rims (incl. magnets and pressure piece) Order number: 1 695 606 200



Adapter for weight roller
in preparation!

TRAC training academy

TRAC – the Beissbarth training academy

- TRAC imparts practical experience on a wide range of devices, technologies and processes concerning the areas of automotive diagnoses, repair, maintenance and workshop connectivity.
- TRAC teaches workshop operators concerning technical functions, solutions and latest products such as Beissbarth Easy Tread increasing service turnovers at the workshops.
- TRAC helps maximizing the profit of the investment – as TRAC courses teach know-how allowing modern businesses to generate growth using innovative equipment.



TRAC – locations:

Beissbarth GmbH
Hanauer Strasse 101
D-80993 Munich
Germany

Sicam Srl
Via G. Corradini, 1
I-42015 Correggio
Italy

MT ZERO 6 versions

Model name	Order numbers Digital 7"	Order numbers Video 22"
MT Zero 6 LCD mechanical	1 694 201 322	–
MT Zero 6 LCD pneumatic	1 694 201 363	–
MT Zero 6 Touch mechanical	–	1 694 201 362
MT Zero 6 Touch pneumatic	–	1 694 201 321

Safety information / laser warning

Symbol	Laser category	Description	Warning
	Laser 2	 Maximum Output (P): < 1 mW Emitted Wavelength (λ): 620...680 nm IEC 60825-1:2014	 Do not look right into the laser radiation using optical instruments!

www.beissbarth.com

Beissbarth GmbH

Hanauer Strasse 101
D-80993 Munich
Germany

Phone: +49-(0)89-14901-0
Fax: +49-(0)89-14901-246
E-mail: sales@beissbarth.com

