

# Beissbarth workshop equipment – For excellent service



- Innovative equipment technology for professional service
- Assured product quality
- Worldwide service guarantee



VAUXHALL



# Wheel alignment systems – Optimum precision with all types of technology



## ML TECH – Precision wheel alignment

- 8-track toe sensing system for a 360° measurement field (important for vehicles that have been involved in an accident)
- Multimedia-capable thanks to Windows XP Professional operating system
- Optional software packages with original vehicle manufacturer measurement routines
- Precise run out compensation via electronic light barrier
- Wireless infrared CCD measurement sensors with wireless data transmission to the PC equipment cabinet
- CCD infrared cameras with wide measurement range and integrated chamber pendulum
- Maximum efficiency in the measuring process due to three selectable measurement routines: program-assisted measurement, rapid measurement and free measurement
- Vehicle target database containing over 30,000 records from more than 78 manufacturers with adjustment instructions and diagrams
- Integrated A4 printer for measurement report printout in two versions plus tyre check report

Item No. 1 690 500 169



## ML 1800-8 special model

- 8-track toe sensing system for a 360° measurement field (important for vehicles that have been involved in an accident)
- Wireless infrared CCD measurement sensors with cable or wireless data transmission between the sensors and the equipment cabinet
- 20° CCD camera technology with increased measuring angle for easier caster measurement
- Special user interface makes it very easy to use
- Three selectable measurement routines: program-assisted, rapid measurement and free measurement
- Vehicle target database containing over 30,000 records from more than 78 manufacturers; update via Internet possible
- Integrated A4 printer for printing out measurement results

### Scope of delivery:

Four multi-quick clamps, two mechanical turntables, one brake pedal depressor and one steering wheel clamp

ML 1800-8 Wireless Version Item No. 1 690 310 005

ML 1800-8 Cable Version Item No. 1 690 310 006

## Optional extras



2 short sliding plates.

Item No. 1 690 401 003



Alternatively  
2 long sliding plates.

Item No. 1 690 401 004



Plastic rim protectors  
for soft line rims.

Item No. 1 690 401 055



Calibration device.

Item No. 1 690 401 066



**Easy 3D – Award-winning precision in real time**

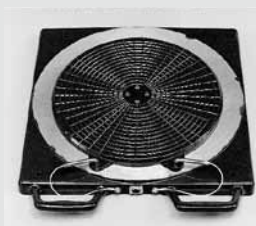
- 3D wheel alignment for each wheel using triangulation
- High repeatability of measurement results
- Simple and easy to use thanks to Windows XP operating system and self-explanatory symbols
- Rolling run-out compensation for measurement; no longer necessary to jack-up the vehicle
- Highly portable, impact-resistant measurement sensors with integrated reference system
- Measured values displayed in real time with target data comparison on 19" TFT monitor
- Integrated A4 printer for printing out measurement results

- Equipped with a large target database containing vehicles from more than 78 manufacturers as standard; update via Internet possible

**Scope of delivery:**

Sensors (2 units), measurement box, cabinet, monitor, PC and printer, DVD target data Europe, dongle and licenses, measuring boards (4 units), steering wheel clamp and brake lock, 12 m cable kit, four wall brackets for boards and wheel clamps, two short hoist adaptors with short pivot, four filling pieces for steel turntables, two mechanical steel turntables, four universal clamps and four sets of coated clamping jaws, keyboard.

Item No. 1 690 700 016



Item No. 1 690 401 011

2 aluminium turntables.



Item No. 1 690 501 250

4 multi-quick clamps, suitable for all rims from 13" to 24" diameter.



Item No. 1 690 701 020

Easy 3D above-ground hoist attachment: Pivot type.



Item No. 1 690 701 018

Easy 3D below-ground hoist attachment: Hook type.

## Wheel balancers – Choose from three levels of service



### MT 825 DT, entry-level technology

- TFT monitor to display weight values
- 11 balancing programs for cars, light trucks and motorcycle rims (including PAX and aluminium programs)
- Electronic sensing arm for rim distance and diameter
- Simple and accurate attachment of all concealed adhesive weights with the electronic Easyfit data arm
- Automatic start-stop through to wheel braking with menu-guided function keys
- Integrated matching program
- Foot pedal brake for locking the machine shaft

#### Scope of delivery:

Weight securing pliers, calibration weight, centring flange with 3 cones

Item No. 1 694 200 269



### MT 846 AD with coloured LCD display

- 11 balancing programs for cars, light trucks and motorcycle rims (including PAX and aluminium programs)
- Automatic start-stop through to automatic wheel braking
- New weight compartments with multiple storage trays
- Electronic sensor arm for rim data collection (distance, width, diameter)
- LED light ring illuminates the internal face of the rim to assist in simple weight attachment
- Simple and accurate attachment of all concealed adhesive weights with the electronic Easyfix data arm and electromagnetic data arm locking when the correct balancing plane is reached
- User-friendly positioning "at 3, 6, and 12 o'clock"
- Split weight program for accurate positioning of the weights behind the spokes
- Integrated matching program
- Electronic foot pedal brake for locking the machine shaft

#### Scope of delivery:

Weight securing pliers, calibration weight, centring flange with 3 cones

Item No. 1 694 200 259



### MT 865 ADT with 19" TFT monitor

- 11 balancing programs for cars, light trucks and motorcycle rims (including PAX and aluminium programs)
- LED ring for illumination of the rims from inside and laser beam positioning aid
- Automatic start-stop through to automatic wheel braking
- New weight storage trays with multiple storage compartments
- Electronic sensor arm for rim data collection (distance, width, diameter)
- Simple and accurate attachment of all concealed adhesive weights with the electronic Easyfix data arm and electromagnetic data arm locking when the correct balancing plane is reached
- User-friendly positioning "at 3, 6, and 12 o'clock"
- Split weight program for accurate positioning of the weights behind the spokes
- Integrated matching programs
- Electronic foot pedal brake for fixing the machine shaft
- Very simple to swap to Unilug bolts or motorcycle flange operation

#### Scope of delivery:

Weight securing pliers, calibration weight, centring flange with 3 cones

Item No. 1 694 200 263

## Accessories



Item No. 1 695 655 323

Centring kit for GM/Opel



Item No. 1 695 655 324

Centring kit for GM/Opel Expert



Item No. 1 695 655 316

Spacer ring for wide rims with large dish depth (for 825 DT)



Item No. 1 691 602 236

Clamping hood for lacquered alloy rims

# Tyre changers – Strong, safe and suitable for all wheel types



## MS 63 with Tecnoroller and wdk kit

- Pneumatically controlled Tecnoroller for the secure operation of extremely hard tyres and all RFTs
- Strong pneumatic bead breaker with roller bed for convenient wheel positioning
- Pneumatic 4-claw clamping with two-speed turntable with forward and reverse action
- Short setup times thanks to pneumatic tilting fitting column, pneumatic locking of the mounting head and automatic rim release

**When placing an order, please indicate all three item numbers:**

- MS 63                   Item No. 1 694 200 048
- wdk-Kit                Item No. 1 695 105 153
- Tecnoroller SL       Item No. 1 695 900 006



## MS 65 RAC.NG with wdk-RFT upgrade kit

- Tested and awarded with approval certificates according to wdk fitting instructions for UHP and run-flat tyres
- Integrated pneumatic bead breaker with 4-way adjustable opening width and adjustable pressure paddle in 4 longitudinal positions
- Pneumatic 4-claw clamping up to 20" externally; adjustable clamping jaws enable additional adjustment up to 22", 24" and 26"
- Electrically driven two-speed turntable with forward and reverse action
- Pneumatic tilting fitting column, suitable for wheel rim diameters up to max. 14"
- Pneumatic locking of the mounting head with automatic rim release
- Easy tyre mounting/demounting with the assistance of the pneumatically controlled Tecnoroller arm

**When placing an order, please indicate all three item numbers:**

- MS 65 RAC.NG           Item No. 1 694 200 057
- wdk-RFT upgrade kit including arm for existing MS 63 / MS 65 OR.RAC units       Item No. 1 695 105 153
- Tecnoroller SL           Item No. 1 695 900 006

# Fully automated technology for good business in A/C service



## AC service unit AC 2500

- Genuinely fully automatic without manual shut-off valves
- Takes into account numerous vehicle manufacturer specifications
- Innovative mobile cabinet with 360° status display
- Large colour display for database, quick-start mode and customer database
- Oil filling and UV dye injection
- High speed re-charging of vehicle system
- Rapid navigation thanks to large colour display
- Integrated flushing in accordance with manufacturer specifications
- Large internal coolant tank
- Efficient vacuum pump
- Additional pressure gauge for monitoring internal cylinder pressure
- Report printer included as standard

Item No. F 002 DG0 409

# The Beissbarth service – In Germany and around the world

Beissbarth, based in Munich, Bavaria, guarantees all-round after-sales support. This includes telephone support, reliable service, tailor-made maintenance agreements and a rapid supply of replacement parts. Beissbarth's own customer service technicians or certified partner firms provide initial product instruction, installation and service within Germany. This guarantees extensive and swift on-site availability.

Elsewhere in the world, there is a network of over 90 sales partners providing practical advice and support. Thus, Beissbarth continues to support you even after your purchase.

Order Processing: Beissbarth Munich, Tel: +49-89-149 01-235  
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Fax +49-89-149 01-211



Technical data and specific equipment are subject to change without prior notice.  
Images may contain optional extras.

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