GARAGE EQUIPMENT

Recommended by BMW AG

HOFMANN®

ESDB™

(Electronic Sync Dual Bead-Breaker)

The unique dual-disc bead breaker with servo drive. Bead breaking in an upright position: faster, easier, ergonomic and effortless. The bead roller is applied to detach both soft and stiff beads.

TYRE CHANGERS

Tyre changers recommended by BMW AG all have a wdk certification.

They come standard with Pneumatic Bead Depressor - PBD330 and plus kit that enable the correct mounting and demounting of UHP run-flat tyres.

The powerful pneumatic bead assist device “easymont pro” is an indispensable accessory for mounting and demounting tyres which are difficult to handle, such as low profile tyres and run flat tyre systems or tyres with hard sidewalls. It is an optimum complement to a tyre changer.

THE WDK PLUS KIT INCLUDES:

- plastic tyre protector
- Smart Bead Spacer and a bead clamp

Instruction into operation is absolutely required for efficient and correct operation of the machine. As soon as you receive the machine please contact our local service department.

BMW CLAMPING KIT

The BMW tyre changer machines include a special clamping kit, dictated by BMW AG.

It includes:

- Cylindrical vertex pin l.110mm
- Tapered vertex pin l.110mm
- Flange for BMW vehicles with stud pitch holes diameter of 5x112mm and 5x120mm
- Flange for MINI vehicles with stud pitch holes diameter of 4x110mm

monty® 8600 PLATINUM BMW

HIGH-PRODUCTIVITY TYRE CHANGER FOR CAR TYRES

- **EFFORTLESS**
- **FAST IN CARRYING OUT THE JOB**
- **AUTOMATIC MOUNTING/DEMOUNTING TOOL**

TECHNICAL HIGHLIGHTS:

- wdk certification
- Mounting tool with integrated demounting finger replacing the conventional tyre lever
- Automatic swing arm for reduced space requirement
- Center-post clamping system
- ESDB™ – Electronically synchronised dual-disc bead breaker for ergonomic operation
- Inverter-controlled motor for 2 speeds for optimum results
- Pneumatic bead press arm to protect the rims
- Pneumatic Bead Depressor - PBD330 for easy demounting high performance tyres
- BMW clamping kit
- Laser pointer for accurate positioning of the mounting tool
- Wheel lift for easy lifting of heavy wheels
- For standard, low profile, UHP and run-flat tyres
- Mirror for lower bead view
- Pneumatic bead assist device “easymont pro”

SCOPE OF DELIVERY:

- Tyre changer monty® 8600 Platinum BMW in RAL 7016
- Pneumatic bead press arm
- Wheel lift (70 kg capacity)
- BMW kit to clamp the wheel through stud holes
- Smart Bead Spacer (mounting aid)
- Bead clamp
- Plastic rim protectors
- Plastic inserts for demounting finger
- 24-month warranty

TECHNICAL SPECIFICATIONS:

- Rim diameter: 12 - 30 inches
- Wheel weight: 70 kg max.
- Rim width: 15 inches (381 mm) max.
- Wheel diameter: 47.2 inches (1200 mm) max.

OPTIONAL ACCESSORIES:

- Reverse wheel clamping kit

monty® QUADRIGA BMW

AUTOMATIC TYRE CHANGER

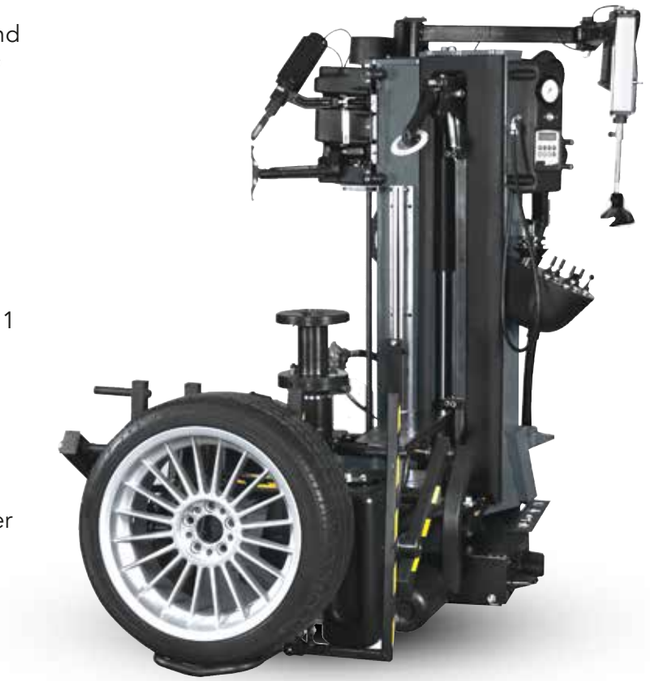
- **INTUITIVE AND EASY TO USE**
- **FULLY AUTOMATIC**
- **TOUCHLESS MOUNTING/DEMOUNTING TOOL**

TECHNICAL HIGHLIGHTS:

- wdk certification
- Automatic leverless mounting and demounting tool never touches the rim
- Non-contact detection of rim contour by laser
- Automatic control of mounting and demounting tools, user only has to start operation on the control console
- Automatic labour-saving and accurate positioning of wheels on clamping flange by means of wheel lift
- Center-post clamping system with hydraulic locking shaft
- Two disks dynamic bead breaker with automatic detection of the tyre width and automatic position adjustment to follow the rim contour
- Pneumatic Bead Depressor - PBD330 for easy demounting high performance tyres
- Smart Bead Spacer (mounting aid)
- Bead clamp
- Mirror for lower bead view

SCOPE OF DELIVERY:

- Automatic tyre changer monty® quadriga 1 BMW in RAL 7016
- Wheel lift (70 kg)
- BMW clamping kit
- BMW mounting help tool
- BMW mounting and demounting procedures
- Set of plastic inserts for demounting finger
- Plastic tyre protector
- Polyamide cone optimized for BMW vehicles
- 24-month warranty



TECHNICAL SPECIFICATIONS:

- Rim diameter: 12 - 30 inches
- Wheel weight: 70 kg max.
- Rim width: 17 inches (431 mm) max.
- Wheel diameter: 47.2 inches (1200 mm) max.

OPTIONAL ACCESSORIES:

- Reverse wheel clamping kit

WHEEL BALANCERS

BMW CLAMPING KIT

The BMW clamping kit is designed for BMW cars. All wheel balancers models are equipped with it.

Instruction into operation is absolutely required for efficient and correct operation of the machine. As soon as you receive the machine, please contact our local service department.

geodyna® 7340p BMW

CAR WHEEL BALANCER WITH GEOTOUCH™ DISPLAY

- **INTUITIVE AND EASY TO USE**
- **QUICK TO SET UP**
- **FAST IN CARRYING OUT THE JOB**
- **ACCURATE TO AVOID RESIDUAL IMBALANCES**

TECHNICAL HIGHLIGHTS:

- geoTOUCH™ technology - Intuitive operation given by the wide 10" touchscreen display, large digits and bright indicators for the weight position.
- Power Clamp™ - Patented Electromechanically clamps the wheel accurately with a constant force, reducing the opportunity for chasing weight.
- Smart Sonar™ - Automatic, non-contact rim width acquisition delivers greater accuracy and ease of use for a 30% savings in complete process when compared to manual operation.
- easyALU™ - Touch the rim with the gauge arm to enter the rim dimensions and automatically select the weight balancing mode.
- Stop in position - Touch the screen to automatically rotate the wheel to weight application position.
- easyWEIGHT™ - Pinpoint laser identifies exact weight placement location for increased accuracy and efficiency.
- Multiple users - Two operators can operate with the balancer simultaneously and quickly recall their rim dimensions.
- VPM technique - Measurement system for high precision and repeatability.
- Connectivity with wired Ethernet as well as WI-FI

SCOPE OF DELIVERY:

- Wheel balancer geodyna® 7340p BMW in RAL 7016
- BMW clamping kit
- Operating instructions
- 24-month warranty

TECHNICAL SPECIFICATIONS:

- Rim diameter: 8 - 32 inches
- Wheel weight: 70 kg max.
- Tyre width: 1 - 20 inches
- Wheel assembly diameter: 42 inches (1050 mm) max

OPTIONAL ACCESSORIES:

- Wheel lift BW2010

geodyna® 7700p BMW

CAR WHEEL BALANCER WITH GEOTOUCH™ DISPLAY

- **INTUITIVE AND EASY TO USE**
- **ERGONOMIC AND ROBUST, DONE FOR HIGH VOLUME APPLICATIONS**
- **ACCURATE TO AVOID RESIDUAL IMBALANCES**

TECHNICAL HIGHLIGHTS:

- Optimum ergonomics - wheel guard capability for wheels with outer tyre diameter of max. 42”
- geoTOUCH™ technology - Intuitive operation given by the wide 10” touchscreen display, high-brightness, large digits and easy understandable buttons
- geodata® 4 - to facilitate the data entry even on very wide rims, working range 0-350mm
- Smart Sonar™ - Automatic, non-contact rim width acquisition delivers greater accuracy and ease of use for a 30% savings in complete process when compared to manual operation.
- easyALU™ - Touch the rim with the gauge arm to enter the rim dimensions and automatically select the weight balancing mode.
- Stop in position - Touch the screen to automatically rotate the wheel to weight application position.
- easyWEIGHT™ - Pinpoint laser identifies exact weight placement location for increased accuracy and efficiency.
- Multiple users - Two operators can operate with the balancer simultaneously and quickly recall their rim dimensions.
- Power Clamp™ - Patented Electromechanically clamps the wheel accurately with a constant force, reducing the opportunity for chasing weight.
- VPM technique - Measurement system for high precision and repeatability.
- QuickBAL™ - 30% reduced cycle time, resulting in a less than 4,5 seconds measurement run, maintaining the same high accuracy.
- Connectivity with wired Ethernet as well as WI-FI

SCOPE OF DELIVERY:

- Wheel balancer geodyna 7700p BMW in RAL 7016
- BMW clamping kit
- Operating instructions
- 24-month warranty

TECHNICAL SPECIFICATIONS:

- Rim diameter: 8 - 32 inches
- Wheel weight: 70 kg max.
- Tyre width: 1 - 20 inches
- Wheel assembly diameter: 42 inches (1050 mm) max

geodyna® 7750p BMW

CAR WHEEL BALANCER WITH GEOTOUCH™ DISPLAY AND INTEGRATED WHEEL LIFT

- **EFFORTLESS AND FAST**
- **SHORTS FLOOR-TO-FLOOR CYCLE TIME**
- **INTEGRATED WHEEL LIFT**

TECHNICAL HIGHLIGHTS:

- Automatic Wheel lift – integrated in the cabinet, for an effortless and fast lift of the wheel
  - Effortless and fast
  - Operated by the balancer’s logic the lift automatically returns to the last height; shorter floor-to-floor cycle time
  - Easy handling of every wheel up to 70 kg
  - Integrated in the cabinet; smaller footprint
- Optimum ergonomics - wheel guard capability for wheels with outer tyre diameter of max. 42”
- geoTOUCH™ technology - Intuitive operation given by the wide 10” touchscreen display, high-brightness, large digits and easy understandable buttons
- geodata® 4 - to facilitate the data entry even on very wide rims, rim offset range 0-350mm
- Smart Sonar™ - Automatic, non-contact rim width acquisition delivers greater accuracy and ease of use for a 30% savings in complete process when compared to manual operation
- easyALU™ - Touch the rim with the gauge arm to enter the rim dimensions and automatically select the weight balancing mode
- Stop in position - Touch the screen to automatically rotate the wheel to weight application position
- easyWEIGHT™ - Pinpoint laser identifies exact weight placement location for increased accuracy and efficiency
- Multiple users - Two operators can operate with the balancer simultaneously and quickly recall their rim dimensions
- Power Clamp™ - Patented Electromechanically clamps the wheel accurately with a constant force, reducing the opportunity for chasing weight.
- VPM technique - Measurement system for high precision and repeatability
- QuickBAL™ - 30% reduced cycle time, resulting in a less than 4,5 seconds measurement run, maintaining the same high accuracy
- Connectivity with wired Ethernet as well as WI-FI

SCOPE OF DELIVERY:

- Wheel balancer geodyna 7750p BMW in RAL 7016
- BMW clamping kit
- Operating instructions
- 24-month warranty

TECHNICAL SPECIFICATIONS:

- Rim diameter: 8 - 32 inches
- Wheel weight: 70 kg max.
- Tyre width: 1 - 20 inches
- Wheel assembly diameter: 42 inches (1050 mm) max
- Wheel lift capability: 70 kg

For more than 30 years the name of Cartec has been a synonym for engineering and manufacturing of testing and diagnostics technology for cars and trucks. Our customers benefit from concentrated competence and direct and smooth handling of enquiries and orders. A qualified team, the well-known product quality, good service and the advantages of the strong globalSnap-on Group guarantee testing technology which is constantly optimised in terms of customer requirements. The Videoline 204-RP BMW is the optimum test lane for check-in, final inspection, tests in line with government standards, and training classes. The vehicle test in the presence of your customer and the relative print-out make diagnostics much more transparent and increase customers' confidence.

OPTIONS

Axle load weighing unit

Radio pedal pressure transducer PK 2.0

Radio transmission. In contrary to infrared transmission, there are no malfunctions because of external influences like sunlight, persons or objects standing in the way. The operation is customer-friendly, and independent of where the transmitter is standing.

Obligatory for Germany:

LAN cable prolongation for ASA Livestream

VIDEOLINE 204-RP BMW

TECHNICAL HIGHLIGHTS:

Roller set

- Mechanics in compact flat design, hot dip galvanised, suitable for outdoor installation
- Equipped with rust-proof feeler rolls
- Level rollers
- 4t drive-over weight (axle)
- Roller length 700 mm, with Composite coating
- Splash-proof motors 3.7kW
- Electric automatic drive-off aid to facilitate driving off the rollers
- 4WD mode (counter-rotation)
- Dual direction testing: to drive on the rollers from both sides and test in both directions

RP Box

- The RP box with integrated electronics is the technological core of the system
- Wireless communication with the workstation, which allows flexible and simple installation
- Lockable main switch integrated
- Radio remote control grants simple operation in any conditions

Workstation

- Design, which recalls the legendary Snap-on tool storage
- Equipped with wheels, two of them with brakes
- VESA monitor support
- Integrated power supply module
- Supplied with: control unit (PC), keyboard, mouse, 27" TFT flat monitor, A4 ink jet printer
- Possible use of portable controller device such as a tablet PC
- Extended software package

SCOPE OF DELIVERY:

Videoline 204-RP BMW

- Roller set up to 4t axle load with Composite coating
- 15 m cable from roller set to RP Box
- Installation kit for later upgrade with axle weighing unit
- Roller covers hinged outwards
- Control Box (RP-Box) in RAL 9005 with main switch for emergency
- Radio remote control
- 4WD mode and 2 measuring directions
- Cabinet in RAL 7016 with PC, A4 colour printer, 27" TFT monitor, keyboard, mouse
- BMW seaworthy packing

TECHNICAL SPECIFICATIONS:

- Max. drive over weight per axle: 4000 kg
- Measuring range: 0 – 8000 N
- Max. brake force: 6000 N
- Test weight per axle according ISO 21069 (70% braking efficiency): 1750 kg
- Idling speed: 5,4 km/h
- Roller coefficient dry / wet: > 0.7 / > 0.6
- Motor power: 2 x 3,7 kW
- Roller diameter: 216 mm
- Roller length: 700 mm

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Part of the machines is illustrated with optional extras which are available at extra cost. Technical and visual modifications reserved.

Cover: Photo by H. Newton on Unsplash