HOFMANN®

RECOMMENDED
EQUIPMENT

FOR MERCEDES-BENZ WORKSHOPS

INDEX

ALIGNERS

FOR MERCEDES-BENZ WORKSHOPS

HOFMANN®

geoliner® 790 MB-1

WIRELESS 3-CAMERA CAR WHEEL ALIGNER WITH XD TECHNOLOGY

Wireless system provides flexible installation and usage options. Patented digital camera tracking automatically adjusts to the height of the vehicle.

KEY FEATURES

- The aligner is self-calibrating multiple times a second.
- The cameras automatically track with the vehicle as it is raised to produce the best accuracy and the most productivity a shop can have in a wheel aligner.
- Takes up less space in front of the vehicle.
- Passive targets require no power and are more durable than active components mounted to the wheels.
- MB Quick Clamps ("MB-Schnellspannhalter") are fully supported and no rolling compensation is required. Simply mount the clamps and begin the adjustment process.
- AC700 wheel clamps are also provided standard. These clamps support a short rollback procedure for compensation of the wheel clamp and wheel assembly.
- System provides accurate measurements for all specific Mercedes Benz, Smart and Mercedes-Maybach vehicles. Vehicle specification updates are available through Daimler AG.
- Software with enhanced features and more convenient operation.
- Compatible to asanetwork.
- Car-specific databases with setting aids of the past 25+ years.
- 3D measurement screen with all relevant data.
- Power supply 230 V, 50/60 Hz
- CE conform.
- Mobile kit (optional)

BALANCERS

geodyna 8250-2p

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FOR MERCEDES-BENZ WORKSHOPS

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geodyna® *8250P MB*

CAR WHEEL BALANCER WITH NON-CONTACT DATA ENTRY, DIAGNOSTIC FUNCTIONS AND INTEGRATED WHEEL LIFT

The wheel balancer with diagnostic functions for tyre shops, garages and car dealerships with high tyre service volume. With touchscreen monitor, non-contact data entry and diagnostic functions. Unbalance measurement and run-out diagnosis are performed in a single fast measuring run. The integrated wheel lift automatically lifts a wheel to the last preset height.

KEY FEATURES

- High-productivity wheel balancer.
- Rim scanner for:
  - automatic non-contact rim profiling
  - automatic selection of balancing mode and weight position
  - automatic acquisition of rim diameter and offset
- Smart Sonar for automatic non-contact acquisition of rim width.
- Run-out diagnosis combined with unbalance measurement in a single fast measuring run.
- Recommendation for match-mounting, when possible, to reduce vibrations caused by radial run-out.
- Touchscreen monitor with graphical user interface PLATINUM - fast and very intuitive.
- easyWeight: fast pinpoint bottom weight placement. Pinpoint laser light indicator to accurately position adhesive weights on the wheel.
- Alternative positioning of adhesive weights with the geodata® gauge arm.
- Semi-automatic selection of balancing mode with easyAlu in combination with the geodata gauge arm.
- Torque-controlled Power Clamp device - fast and accurate clamping of the wheel.
- Stop-in-Position feature where the operator only has to touch the amount of unbalance on the screen and the wheel is automatically indexed to correction position.
- QuickBal for reduced measurement time:

  Short start-stop cycle time: 4.5 seconds (15" rim)
- VPM measurement technique for uncompromised accuracy.
- Telescopic wheel guard - requiring no additional back space.
- New ergonomic weight tray.
- Rim lighting to facilitate application of the geodata gauge arm.

- Imbalance minimisation and optimisation programs.
- High capacity, wheels up to 42" of diameter and 70 kg of weight.
- Networking capability with the optional networking software.
- Compatible with asanetwork.
- Print-out with optional printer.
- BW4030 - the ultimate wheel lift for wheel balancers, integrated in the cabinet, operated by the balancer's logic, automatically lifting a wheel of the same set to the correct height and consequently improving centring and clamping of the wheel.
- Finish RAL 7035.

geodyna® *8200-2P MB*

CAR WHEEL BALANCER WITH NON-CONTACT DATA ENTRY AND DIAGNOSTIC FUNCTIONS

The wheel balancer with diagnostic functions for tyre shops, garages and car dealerships with high tyre service volume. With touchscreen monitor and automatic non-contact data entry. Unbalance measurement and run-out diagnosis are performed in a single fast measuring run.

KEY FEATURES

- High-productivity wheel balancer.
- Rim scanner for:
  - automatic non-contact rim profiling
  - automatic selection of balancing mode and weight position
  - automatic acquisition of rim diameter and offset
- Smart Sonar for automatic non-contact acquisition of rim width.
- Run-out diagnosis combined with unbalance measurement in a single fast measuring run.
- Recommendation for match-mounting, when possible, to reduce vibrations caused by radial run-out.
- Touchscreen monitor with graphical user interface PLATINUM - fast and very intuitive.
- easyWeight: fast pinpoint bottom weight placement. Pinpoint laser light indicator to accurately position adhesive weights on the wheel.
- Alternative positioning of adhesive weights with the geodata® gauge arm.
- Semi-automatic selection of balancing mode with easyAlu in combination with the geodata gauge arm.
- Torque-controlled Power Clamp device - fast and accurate clamping of the wheel.
- Stop-in-Position feature where the operator only has to touch the amount of unbalance on the screen and the wheel is automatically indexed to correction position.
- QuickBal for reduced measurement time:
- Short start-stop cycle time: 4.5 seconds (15" rim)
- VPM measurement technique for uncompromised accuracy.
- Telescopic wheel guard - requiring no additional back space.
- New ergonomic weight tray.
- Rim lighting to facilitate application of the geodata gauge arm.
- Imbalance minimisation and optimisation programs.
- High capacity, wheels up to 42" of diameter and 70 kg of weight.
- Networking capability with the optional networking software.
- Compatible with asanetwork.
- Print-out with optional printer.

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geodyna® 7750P MB

DIGITAL CAR WHEEL BALANCER WITH 2D GEODATA® GAUGE ARM, SMART SONAR™, GEOTOUCH™ DISPLAY AND AUTOMATIC WHEEL LIFT

The wheel balancer for tyre shops, car dealerships and garages with high tyre service volume. With geoTOUCH™ - the touch-screen graphical display with DIAMOND user interface - the geodyna® 7750p is as intuitive as a video balancer. Particularly ergonomic with the automatic wheel lift.

KEY FEATURES

- BW4030 - the ultimate wheel lift for wheel balancers, integrated in the cabinet, operated by the balancer's logic, automatically lifting a wheel of the same set to the correct height and consequently improving centring and clamping of the wheel.
- with torque-controlled Power Clamp™ device - for shop with high tyre service volume.
- geoTOUCH™ - the touchscreen graphical display, 10" wide, with DIAMOND user interface - makes geodyna® 7750p as intuitive as a video balancer.
- Semi-automatic input of offset and rim diameter via 2D geodata® gauge arm.
- Automatic rim width acquisition via Smart Sonar™ - fast and easy.
- Stop-in-Position: the operator only has to touch the amount of unbalance on the display and the wheel is automatically indexed to correction position.
- easyWEIGHT™: the pinpoint laser light indicator to accurately and conveniently position adhesive weights.
- Semi-automatic pre-selection of balancing mode via easyALU™.
- Split weight mode.
- Weight minimisation and optimisation.
- Rim lighting iLED™ - new, very bright LED technology, switched in when required.
- Patented telescopic wheel guard – no additional space required behind the machine.
- Two users with rapid switch function.
- Network printing capability - Compatible with asanetwork.
- WI-FI connectivity.
- VPM measurement technique for uncompromised accuracy.
- QuickBAL™ for reduced measurement time:

Short start-stop cycle time: 4.5 seconds (15" rim)
- Clamping of wheel with the torque-controlled Power Clamp™ device
- Automatic wheel lift BW 4030.

geodyna® *7700P MB*

DIGITAL CAR WHEEL BALANCER WITH 2D GEODATA® GAUGE ARM, SMART SONAR™ AND GEOTOUCH™ DISPLAY

The wheel balancer for tyre shops, car dealerships and garages with medium to high tyre service volume. With geoTOUCH™ - the touch-screen graphical display with DIAMOND user interface - the geodyna® 7700I is as intuitive as a video balancer.

KEY FEATURES

- with torque-controlled Power Clamp™ device - for shop with high tyre service volume.
- geoTOUCH™ - the touchscreen graphical display, 10" wide, with DIAMOND user interface – makes geodyna® 7700I as intuitive as a video balancer.
- Automatic rim width acquisition via Smart Sonar™ - fast and easy
- Stop-in-Position: the operator only has to touch the amount of unbalance on the display and the wheel is automatically indexed to correction position.
- easyWEIGHT™: the pinpoint laser light indicator to accurately and conveniently position adhesive weights.
- Semi-automatic pre-selection of balancing mode via easyALU™.
- Split weight mode.
- Weight minimisation and optimisation.
- Rim lighting iLED™ - new, very bright LED technology, switched in when required.
- Patented telescopic wheel guard - no additional space required behind the machine.
- Two users with rapid switch function.
- Network printing capability - Compatible with asanetwork.
- WI-FI connectivity.
- VPM measurement technique for uncompromised accuracy.
- QuickBAL™ for reduced measurement time:
  Short start-stop cycle time: 4.5 seconds (15" rim)
- Clamping of wheel on tapered shaft with cone adaptor.

VERSIONS

- geodyna® 7700L MB - Without Power Clamp device

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geodyna® *7600P MB*

CAR WHEEL BALANCER WITH TOUCHSCREEN MONITOR

The wheel balancer for tyre shops, car dealerships and garages with medium to high tyre service volume: with touchscreen monitor and easyWeight pinpoint indicator light - An accurate, fast and easy solution to position adhesive weights on the wheel.

KEY FEATURES

- With torque-controlled Power Clamp device.
- High-productivity wheel balancer.
- Touchscreen monitor with graphical user interface GOLD - improved intuitiveness and ergonomics.
- easyWeight laser light indicator for fast, accurate and pinpoint placement of adhesive weights on the wheel.
- Semi-automatic input of offset and rim diameter via 2D SAPE and automatic rim width acquisition via Smart Sonar.
- Semi-automatic pre-selection of balancing mode via easyAlu.
- Rim lighting to facilitate rim cleaning and speed up data entry and weight positioning.
- New ergonomic weight tray.
- Imbalance minimisation and optimisation programs.
- VPM measurement technique for uncompromised accuracy.
- QuickBal for reduced measurement time:

  Short start-stop cycle time: 4.5 seconds (15" rim)

geodyna® *7340P MB*

DIGITAL CAR WHEEL BALANCER WITH 2D SAPE, SMART SONAR™ AND GEOTOUCH™ DISPLAY

The wheel balancer for tyre shops, car dealerships and garages with medium tyre service volume. With geoTOUCH™ - the touch-screen graphical display with DIAMOND user interface - the geodyna® 7340 is as intuitive as a video balancer.

KEY FEATURES

- With torque-controlled Power Clamp device.
- easyWEIGHT™: the pinpoint laser light indicator to accurately and conveniently position adhesive weights.
- Stop-in-Position feature where the operator only has to touch the amount of unbalance on the idsplay and the wheel is indexed to correction positon.
- geoTOUCH™ - the touchscreen graphical display, 10" wide, with DIAMOND user interface - makes geodyna® 7340 as intuitive as a video balancer.
- Semi-automatic input of offset and rim diameter via 2D SAPE.
- Automatic rim width acquisition via Smart Sonar™ - fast and easy.
- Semi-automatic pre-selection of balancing mode via easyALU™.
- Split weight mode.
- Weight minimisation and optimisation.
- Two users with rapid switch function.
- Network printing capability - Compatible with asanetwork.
- WI-FI connectivity.
- VPM measurement technique for uncompromised accuracy.
- QuickBAL™ for reduced measurement time:
  Short start-stop cycle time: 4.5 seconds (15" rim)

VERSIONS

HOFMANN®

geodyna® *4800-2L MB*

TRUCK WHEEL BALANCER WITH MONITOR

The geodyna® 4800-2L measures both the static and the dynamic portions of unbalance and consequently increases truck wheel life considerably. This balancer is also equipped with TFT flat screen and asanetwork capability.

KEY FEATURES

- 19" TFT wide-screen monitor.
- Automatic input of distance rim/machine and rim diameter (2D SAPE)
- Input of rim width by pressing of the function key and turning of the wheel.
- Electronic friction brake to retain the wheel in any position.
- Patented virtual plane measurement (VPM) technique.
- Weight tray with 27 weight compartments and shelves for car cones and weight pliers.
- Measuring speed less than 100 rpm.
- Automatic braking of the wheel after measurement.
- Automatic static and dynamic unbalance measurement in a single measuring run.
- Cone adaptor with spacer and light-truck cone of 120 - 170 mm diameter.
- Gauge arm with patented wheel weight clamp to input wheel data and position adhesive weights.
- asanetwork capability.
- Hidden weight mode.
- Patented optimisation.
- Convenient on-line user guidance.
- Comprehensive on-line help in more than 25 languages.
- Finish in RAL 9007.

- geodyna® 7340L MB - Without Power Clamp device

geodyna® *980L MB*

TRUCK WHEEL BALANCER

The geodyna® 980L measures both the static and the dynamic portions of unbalance and consequently increases truck wheel life considerably.

KEY FEATURES

- Automatic input of distance rim/machine and rim diameter (2D SAPE)
- Input of rim width by pressing of the function key and turning of the wheel.
- Electronic friction brake to retain the wheel in any position.
- Virtual plane measurement (VPM) technique.
- Weight tray with 27 weight compartments and shelves for cones and weight pliers.
- Measuring speed less than 100 rpm, hence no wheel guard required.
- Automatic braking of the wheel after measurement.
- Automatic static and dynamic unbalance measurement in a single measuring run.
- Cone adaptor with spacer and light-truck cone of 120 - 170 mm diameter.
- Gauge arm with weight clamp (patented) to enter wheel data and position adhesive weights.
- Hidden weight mode.
- Patented optimisation.
- Finish in RAL 9007.

HOFMANN®

TYRE CHANGERS

monty 8900

FOR MERCEDES-BENZ WORKSHOPS

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monty® 8800S SMARTSPEED

THE TYRE CHANGER OF CHOICE FOR HIGH VOLUME TYRE SHOPS

The monty® 8800s smartSpeed™, which combines the high productivity features of a tabletop model and the high performances of a leverless tyre changer. With on floor bead breaker. wdk certified.

KEY FEATURES

- Excellent with low-profile, UHP and run-flat tyres, high performing with tyres with high aspect ratio too.
- powerMONT™ the innovative, fast and easy to use leverless mount/demount system.
- quickLOK™ automatic center post clamping system.
- smartSpeed™ the exclusive self-adjustable speed system up to 20 rpm that provides the optimum torque/speed combination to the chuck.
- Optimum bead breaker system: the most performing solution for any tyre's types:

  - Dynamic bead breaker with two disks, the solution of choice for RFT and UHP tyres. Precise, ergonomic and effortless.

  - On floor bead breaker, the fastest solution for tyres with high aspect ratio.
- PBD330, Pneumatic Bead Depressor for convenient demounting of hard sidewall tyres.
- High rigidity for a safe handling of high performance tyres.
- Pedal-controlled inflator.
- Ergonomic wheel lift (option)
- Mirror to control operation on the lower bead.

HOFMANN®

monty® *8700B SMARTSPEED*

SEMI-AUTOMATIC TYRE CHANGERS

Semi-automatic tyre changers with powerMONT™ leverless technology.

KEY FEATURES

• The tyre changer of choice for low-profile, UHP and run-flat tyres.

• powerMONT™ the innovative, fast and easy to use leverless mount/demount system.

• smartSpeed™ the exclusive self-adjustable speed system up to 20 rpm that provides the optimum torque/speed combination to the chuck.

• Dynamic bead breaker with two disks, the solution of choice for RFT and UHP tyres. Precise, ergonomic and effortless.

• Manual center post clamping system.

• PBD330, Pneumatic Bead Depressor for convenient demounting of hard sidewall tyres.

• High rigidity for a safe handling of high performance tyres.

• Pedal-controlled inflator.

• Mirror to control operation on the lower bead.

• Ergonomic wheel lift as option.

• Certified by wdk.

monty® 3300 RACING SMARTSPEED™ GP PLUS

TILT BACK TYRE CHANGER

The tyre changer for use in high-volume tyre shops and car dealerships - with a pneumatic tilt-back post, 24" outside clamping capability, 15" maximum wheel width, and smartSpeed™ technology. With top-side bead seating kit. WDK certified.

KEY FEATURES

- Certified by wdk for gentle and user-friendly mounting and demounting of UHP and run-flat tyres in line with OEM specifications.
- With pneumatic mounting tool EasyMont™ pro and plus kit (standard equipment) for the handling of UHP and run-flat ti8re systems (additional optional adaptors required for PAX and CSR tyres)
- smartSpeed™ - the new exclusive self-adjustable speed system with inverter technology:

  - Automatic speed control by an inverter that maximizes speed depending on the torque applied.

  - First speed as low as 7 rpm for critical tasks.

  - Second speed automatically adjusted to between 7 and 18 rpm. depending on the torque applied.

- Double-acting bead breaker cylinder.
- Mounting head adjustable in spaced-apart position relative to the rim
- Vertical positioning of the mounting head is carried out pneumatically, too - all settings are controlled through a single switch - quickly and ergonomically.
- Sliding jaws with rounded profile and plastic protection inside offer an outer clamping range of 10" to 24", reduced clamping time and increased clamping force owing to cylinder with shorter stroke.
- Conventional mounting / demounting tool (working range 8" - 24") with steel mounting head and plastic inserts for gentle operation on wheels.
- Turntable with centre-type sliding jaws. Two clamping cylinders provide 30 to 40 % more clamping force than single-cylinder machines.
- Pedal-operated pneumatic tilt-back post.
- Post pneumatically locked in working position.
- On-side bead breaker with adjustable blade inclination for different wheel diameters, adjustable in three positions to grant high performance and flexibility.
- Tool box with integrated pressure gauge and four ergonomic shelves for valves, tools and accessories, attached on separate tower.
- Pedal-operated inflator.
- Quick-inflating valve.
- With top-side bead seating kit.
- Low cabinet offers an ergonomic height even with very wide wheels.

- Maximum wheel width of 15" covers all current OEM wheels in the market.

VERSIONS

- monty® 3300 Racing smartSpeedTM Plus - Without top-side bead seating kit

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monty® *3300-24 SMARTSPEED PLUS*

PNEUMATIC TILT-BACK POST TYRE CHANGER WITH SMARTSPEED TECHNOLOGY

The tyre changer for use in general service shops and tyre shops with high tyre service volume - with pneumatic tilt-back post, 24" outside clamping capability and smartSpeed technology. WDK certified.

KEY FEATURES

- Certified by wdk for gentle and user-friendly mounting and demounting of UHP and run-flat tyres in line with OEM specifications.
- With pneumatic mounting tool easymont® pro and plus kit (standard equipment) for handling of UHP and run-flat tyre systems (additional optional adaptors required for PAX and CSR tyres)
- smartSpeed - the new exclusive self-adjustable speed system with inverter technology:

  - Automatic speed control by inverter that maximises speed depending on the torque applied.

  - First speed as low as 7 rpm for critical tasks.

  - Second speed automatically adjusted to between 7 and 18 rpm depending on the torque applied.
- Double-acting bead breaker cylinder.
- Mounting head adjustable in spaced-apart position relative to the rim.
- Sliding jaws with rounded profile and plastic protection inside offer an outer clamping range of 10" to 24", reduced clamping time and increased clamping force owing to cylinder with shorter stroke.
- Conventional mounting / demounting tool (working range 8" - 24") with steel mounting head and plastic inserts for gentle operation on wheels.
- Turntable with centre-type sliding jaws. Two clamping cylinders provide 30 to 40 % more clamping force than single-cylinder machines.
- Pedal-operated pneumatic tilt-back post.
- Post pneumatically locked in working position.
- On-side bead breaker with adjustable blade inclination for different wheel diameters, adjustable in three positions to grant high performance and flexibility.
- Tool box with integrated pressure gauge and four ergonomic shelves for valves, tools and accessories, attached on separate tower.
- Pedal-operated inflator.
- Quick-inflating valve.
- Capable of mounting / demounting the majority of wheel assemblies in the market.

PREMIUM SERVICE

monty® 4400

TRUCK TYRE CHANGER

Rugged chuck design, double reinforced frame allowing to handle wheels of up to 1500 kg, control unit with switch to control two operations simultaneously, 2 chuck speeds.

KEY FEATURES

- Mobile, wired remote control console allows one technician to safely monitor all tyre changing operations.
- A non-return valve prevents the chuck from opening in case of a sudden hydraulic pressure drop.
- The bead breaker disk is equipped with a special tilting system to assist bead breaking and ensure the disk is in the optimum position.
- The chuck is of solid design to accommodate wheels of up to 3,300 pounds (1,500 kg).

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