HOFMANN®

GARAGE EQUIPMENT

Recommended by **Daimler AG** for the Mercedes, Smart and Mercedes-Maybach brands

WHEEL ALIGNER

Wireless system provides flexible installation, usage and mobility options

3D WHEEL ALIGNER

geoliner® 790 MB-1

The geoliner 790 MB-1 is designed to assist the technician in providing quality alignment measurement and adjustments in full compliance with the Daimler AG recommended processes.
It is designed to work with the Daimler AG "Messplatz Kontrollsystem", MKS, which is obligatory for every Daimler AG workshop.

To operate the MKS the targets are to be attached to MKS holders which are part of the Daimler AG approved lift. Following the MKS procedure in the software of the geoliner 790 MB-1 the system makes sure that the measuring bay and aligner are working to the Daimler AG specifications and are properly adjusted.

FEATURES

In addition the worker has the possibility to quickly ensure and prove to the customer the permanent accuracy of the wheel aligner and to check the complete working area.

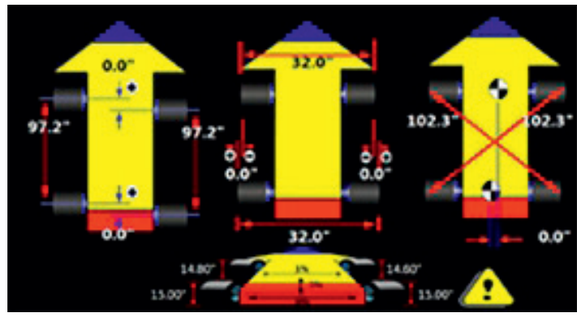
With the already included software feature "Rack-Check" – UNIQUE FEATURE
Working with new sophisticated multiple suspensions in modern vehicles the accuracy of measurement gets more and more important. The current wheel aligner generation fulfills all those requirements and is using the latest IT technology. A wheel aligner is a future-proof investment and helps the workshop to constantly improve its quality.

But how can the worker easily make sure day by day that his wheel aligner is working properly and according to the given specs. And how can he show it to his customers?

The already included software offers the worker a very good additional tool to check the root cause of possible measurement deviations.

Check all points that could negatively influence the accuracy and repeatability of measurement:
- Rack
- Hardware parts
- Turnplates
- Surrounding

You just need to invest in the Rack-Check Target.
The software features is already there!
EAK0320J69A Rack-Check target KIT



GET A COMPLETE PICTURE OF THE CONDITION OF YOUR VEHICLE IN LESS THAN 2 MINUTES!

Cross-diagonal and Rolling Radius
Cross-diagonal measurements identify frame or structural damage. Rolling Radius identifies mismatched tyre sizes, a potential cause of vehicle pulling and drive train damage.

OPTIONAL ACCESSORIES
Mobility kit:
EAK0305J78A Includes: Portable Platform for Towers and Docking Cleats for Portable Platform

Features described above are not available in all models.
Please refer to the specific model page to identify its features.

Top of accuracy with bluetooth communication

geoliner® 790 MB-1

The Hofmann geoliner 790 MB-1 is designed specifically to meet the needs of the Daimler AG operating concept, available exclusively to Daimler AG repair centers. It is designed to assist the technician in provide quality alignment measurement and adjustments in full compliance with the OEM recommended processes.

Product description

- Self-calibrating multiple times a second
- Ultra high resolution cameras to image the four targets on the wheels
- 3-Camera design
- Easy installation and flexible configuration
- Professional results and high productivity
- Mobile control terminal and 27" flat-screen monitor
- Light weight targets
- Rim clamping range 11" - 22"
- Pro42 user software: a high-resolution ICON-based software program, with integrated MB procedures
- Complete and up-to-date vehicle specs (MB and non-MB vehicles)
- MB specs updated via the Daimler AG Network
- Comprehensive measurement features such as automatic caster sweep, rolling radius, cross diagonal measurement, A-arm adjust, cradle adjust and EZ Toe for easy toe adjustment of adjustment points difficult to access

Digismart™ Technik

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

Technical Specifications	***geoliner*® 790 MB-1**
Track Width	1220 mm – 2440 mm
Wheel Base	2010 mm – 4570 mm
Shipping Weight	227 kg
Power Requirements	230 V 1 ph 50-60 Hz

3D car wheel aligner

geoliner® 680-MB GEN II

In addition to the advantages of 3D alignment like high accuracy and impressive speed, the geoliner® 680-MB Gen II is equipped with 20" TFT wide-screen monitor and features constant measurement of camber, caster and toe.

Product description

- Movable camera beam support (lift - work level 0 - 2.0 m)
- Mobile terminal with colour printer and PC, plus additional storage space
- Set of 4 targets with wheel clamps 11" - 22"
- PC with Windows operating systemand premium user software for Daimler AG
- Simple operation and quick accurate measured results
- Complete and up-to-date OEM specs incl. MB data
- Integrated MB procedures
- Measurement screen with all relevant data
- Advanced measurement of vehicle dimensions- live
- On-line help with 3D animated graphics
- EZ Toe® for easy and convenient settings at maximum steering angle
- Compatible with asanetwork
- Cordless communication between targets and camera system
- Optional TIP (Target Imaging Pointer) for ride height measurement
- Standard accessories: Steering wheel holder, brake pedal lock, IR remote control, MB mechanical turntables, roll-back kit, ROMESS bracket, MB adaptor for MKS system, MB documentation

Technical Specifications	***monty*® 680-MB GEN II**
Track width	1220 mm – 2440 mm
Wheelbase	2010 mm – 4570 mm
Shipping weight	202 kg
Power requirements	230 V 1 ph 50–60 Hz

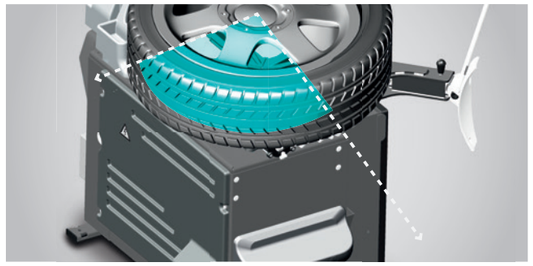
monty®
TYRE CHANGERS

TYRE CHANGERS

wdk certified for best performance

TYRE CHANGERS

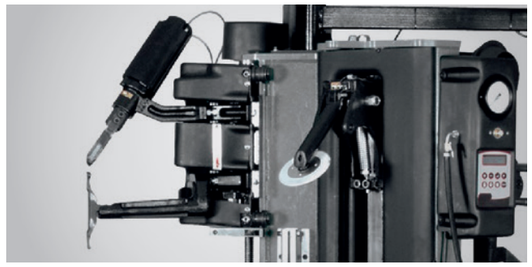
FEATURES



smartSpeed™
The innovative technology – patent-protected – that optimises the torque applied to the wheel and automatically sets the maximum rotation speed of the wheel accordingly.

Pneumatic vertical arm
Fast and ergonomic: the pneumatic vertical arm facilitates positioning of the mounting head on all wheels.

Centre clamp
The centre-clamp design has numerous benefits: most important is the drastically reduced risk of damage and that there are no restrictions of the turntables with clamping jaws, while automatic locking of the wheel provides fast, safe and correct clamping of the wheel.



Leverless tool
The leverless tool supersedes the conventional tyre lever. It pulls the bead over the rim edge, being as gentle to the tyre as can be and and reducing the effort of the operator.

Automatic mounting demounting cycle
Facilitates all mounting and demounting operations. It makes operations with run-flat tyres and UHP tyres easy.

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.

Features described above are not available in all models.
Please refer to the specific model page to identify its features.

Automatic tyre changer

monty® quadriga 1
quadriga 1 GP

The automatic tyre changer for high-volume shops, combining automatic procedures with utmost safety and ease of use. With top-side bead seating kit. WDK certified.

Product description

- Certified by WDK
- 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
- For rims of 12" - 30"
- Hydraulic clamping of wheel via center post clamping flange
- Dynamic bead breaker with two discs automatically operated by the machine
- Integrated bead pusher
- With pedal-controlled inflation via bead blast device
- Top-side bead seating kit

Technical Specifications	***monty®* quadriga**
Clamping range	12"-30"
Max. wheel width	17"
Max. wheel diameter	47" (1200 mm)
Tool vertical positioning	Electrical
Bead breaker range	
Breaking force	11,5 kN (2585 lbs)
Rotation speed	"CW 7 - 14 rpm CCW 7 rpm"
Max. torque	1500 Nm
Standard power supply	230V 1ph 50-60Hz 16A
Air pressure required	8-12 bar
Maximum dimensions (W x D x H)	1350x2240x1850 mm
Machine weight	820 kg

Features	***monty®* quadriga**
Wheel clamp	Hydraulic center post
Bead breaker	Dynamic two discs
Chuck speed control	Inverter
Wheel lift	Standard

The tyre changer of choice for high volume tyre shops

monty® 8800s

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.

Product description

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

Technical Specifications	***monty*® 8800s smartSpeed**
Clamping range	12"-30"
Max. wheel width	380 mm
Max. wheel diameter	47''
Tool vertical positioning	Pneumatic
Bead breaker range	717 mm
Breaking force	11,5 kN
Rotation speed	CW 7 - 20 rpm
Max. torque	1200 Nm
Standard power supply	230V 1ph 50-60Hz 16A
Air pressure required	8-12 bar
Maximum dimensions (W x D x H)	1481 x 1863 x 1880 mm
Machine weight	465 kg

Features	***monty*® 8800s smartSpeed**
Wheel clamp	Center post
Bead breaker	Dynamic and On floor
Chuck speed control	smartSpeed™
Wheel lift	option

Tyre changer of choice for high performance tyres

monty® 8700b

Semi-automatic tyre changers with powerMONT™ leverless technology

Product description

- 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

Technical Specifications	***monty*® 8700b smartSpeed**
Clamping range	12"-30"
Max. wheel width	380 mm
Max. wheel diameter	47''
Tool vertical positioning	Pneumatic
Bead breaker range	717 mm
Breaking force	11,5 kN
Rotation speed	CW 7 - 20 rpm
Max. torque	1200 Nm
Standard power supply	230V 1ph 50-60Hz 16A
Air pressure required	8-12 bar
Maximum dimensions (W x D x H)	1481 x 1863 x 1880 mm
Machine weight	500 kg

Features	***monty*® 8700b smartSpeed**
Wheel clamp	Center post
Bead breaker	Dynamic
Chuck speed control	smartSpeed™
Wheel lift	option

Tyre changer for wheel width up to 15" and smartSpeed™ technology

monty® 3300 Racing SMARTSPEED plus (GP version)

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

Product description

- 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
- smartSpeed™ – the new exclusive self-adjustable speed system with inverter technology
- 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-floor 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

Technical Specifications	***monty*® 3300 racing smartSpeed plus**
Clamping range	10"-24"
Max. wheel width	15"
Max. wheel diameter	39.4" (1000 mm)
Tool vertical positioning	Pneumatic
Bead breaker range	40-392 mm
Breaking force	12 kN
Rotation speed	"CW 7 - 18 rpm CCW 7 rpm"
Max. torque	1200 Nm
Standard power supply	230V 1ph 50-60Hz 16A
Air pressure required	8-12 bar
Maximum dimensions (W x D x H)	1920 x 1615 x 1685 mm
Machine weight	310 kg

Features	***monty*® 3300 racing smartSpeed plus**
Wheel clamp	Jaws
Bead breaker	On floor
Chuck speed control	smartSpeed™
Wheel lift	Option - CW1015

Pneumatic tilt-back post tyre changer with smartSpeed™ technology

monty® 3300-24 SMARTSPEED plus (GP version)

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. With top-side bead seating kit. WDK certified.

Product description

- 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
- smartSpeed™ – the new exclusive self-adjustable speed system with inverter technology
- 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
- Tool box with integrated pressure gauge and four ergonomic shelves for valves, tools and accessories, attached on separate tower
- Double-acting bead breaker cylinder
- Mounting head adjustable in spaced-apart position relative to the rim
- Self-centring four-jaw turntable
- Plastic protection inside jaws and on mounting head to avoid damage to alloy rims
- Pedal-operated tyre inflator with pressure gauge fitted in the toolbox
- Quick-inflating valve
- With top-side bead seating kit
- Outer clamping range up to 24"
- Pedal-operated pneumatic tilt-back post
- Post pneumatically locked in working position
- Bead breaker adjustable in 3 positions
- Capable of mounting / demounting the majority of wheel assemblies in the market
- Optional wheel lift CW1015

Technical Specifications	***monty*® 3300-24 smartSpeed plus**
Clamping range	10"-24"
Max. wheel width	13"
Max. wheel diameter	39.4" (1000 mm)
Tool vertical positioning	Manual
Bead breaker range	40-392 mm
Breaking force	12 kN
Rotation speed	CW 7 - 18 rpm CCW 7 rpm
Max. torque	1200 Nm
Standard power supply	230V 1ph 50-60Hz 16A
Air pressure required	8-12 bar
Maximum dimensions (W x D x H)	1900 x 1600 x 1850 mm
Machine weight	310 kg

Features	***monty*® 3300-24 smartSpeed plus**
Wheel clamp	Jaws
Bead breaker	On floor
Chuck speed control	smartSpeed™
Wheel lift	Option - CW1015

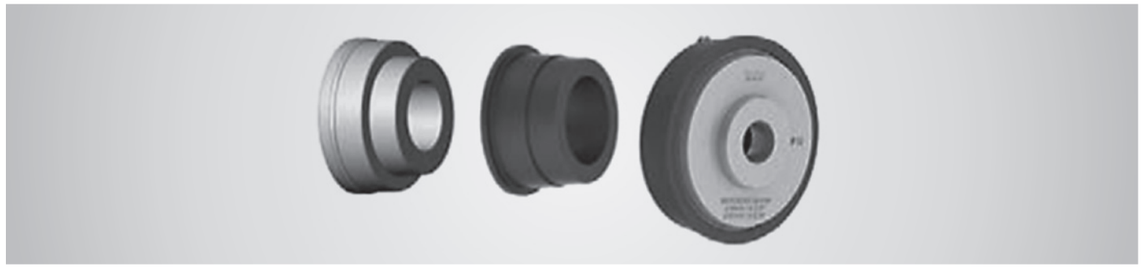
geodyna®
WHEEL BALANCERS

WHEEL BALANCERS

Balancing technology at its finest

WHEEL BALANCERS

FEATURES



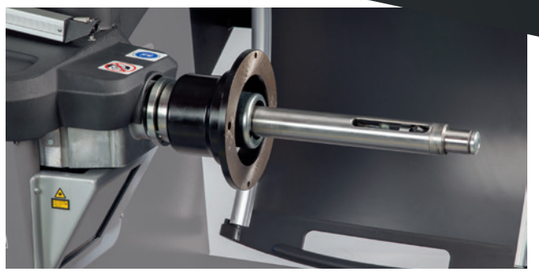
Daimler AG - Kit of centring collets

MB kit is delivered as standard accessory with all Daimler AG balancers:

- Centring ring D66.42-66.5 / 84 mm for A/B/C/E/R/S/M/V class, SLK / Vaneo / Viano / Vito, G models / Sprinter / Series 200, 300
- Centring ring D57 / 60 mm for Smart, Citan
- Centring ring D161 mm for light truck series 400, 500, 600, 700 / T1 / T2 / Sprinter 3500

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.



Rim scanner

The rim scanner automatically detects rim diameter and offset as well as the number and position of rim spokes. Then it automatically chooses balancing mode, weight types and weight positions.

VPM measurement technique

Vibratory system for high precision and repeatability. (All models)

QuickBAL™

30% reduced cycle time, less than 4,5 seconds, maintaining the same high accuracy.

easyWEIGHT™

Pinpoint laser identifies exact weight placement location for increased accuracy and efficiency.

geoTOUCH™

Reliable as a digital display and intuitive as a touchscreen monitor user interface. Large digits and high contrast.

Power Clamp™

Patented automatic Power Clamp™ electromechanical clamps the wheel accurately with a constant force, reducing the opportunity for chasing weight.

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.

Multiple users

Two operators can operate with the balancer simultaneously and quickly recall their rim dimensions.

Features described above are not available in all models.
Please refer to the specific model page to identify its features.

Diagnostic car wheel balancer with touch screen and 3D camera technology

geodyna® 9000p

The diagnostic wheel balancer for high-end tyre shops, car dealerships and garages, tuning shops and car manufacturers. With 3D camera technology: 5 CCD cameras scan tyre and rim from different directions with special 3D laser stripes. In a single measuring run all data is detected and possible defects in tyre or rim are diagnosed and documented with utmost accuracy.

Product description

- Measurement of tyre pull effect (tyre conicity)
- Detection of flat spots on the tyre
- Detection of possible damage to tyre sidewall
- Checking of bead seat
- Measurement of radial and lateral run-out of tyre and/or rim
- Tread depth measurement in 5 different positions and visualisation on screen
- Tread wear analysis (signalling need for wheel alignment)
- Allocation of wheels to their best possible position on the vehicle in order to avoid tyre pull effect (OptiLine function - optional)
- User-friendly touch screen monitor for visualisation of the diagnostic results in brilliant 3D colour maps
- Graphical user interface PLATINUM for intuitive user-machine communication and high-productivity diagnostic wheel balancing
- Print-out of all results in test records, or screenshots via remote printer. Output also to USB memory stick.
- Documentation of the condition of a set of wheels
- Patented virtual plane measurement (VPM) technique
- Automatic non-contact acquisition of wheel data and balancing mode (weight type and position)
- Automatic non-contact identification of number and position of spokes for split-weight mode
- Diagnostics of unsmooth ride and optimisation in a single additional step
- Electro-mechanical Power Clamp™ device for accurate clamping and centring of the wheel
- asanetwork capability via optional software client

Technical Specifications	***geodyna*® 9000p**
Measuring speed	< 200 rpm
Balancing accuracy	1 g
Angular resolution	± 0.35°
Start/Stop cycle	4.5 s
Diameter of shaft	40 mm
Length of shaft	225 mm
Wheel lift max. load	n.a.
Power supply	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	1450 x 990 x 1710 mm
Net weight	210 kg

Features	***geodyna*® 9000p**
Display	Monitor 19"
Touchscreen	Yes
Wheel clamp	Power Clamp™
Dimension entry (Diameter & distance)	3D Camera
Dimension entry (Rim width)	3D Camera
Stop in position	Yes
Laser pointer for tape weights	easyWEIGHT™
Rim Lighting	Yes
Wheel lift	-
Diagnostic features	Full diagnostic

Car wheel balancer with non-contact data entry, diagnostic functions and automatic wheel lift

geodyna® 8250-2p

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.

Product description

- 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
- 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
- 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
- Imbalance minimisation and optimisation programs
- Compatible with asanetwork
- Print-out with optional printer

Technical Specifications	***geodyna*® 8250-2p**
Measuring speed	< 200 rpm
Balancing accuracy	1 g
Angular resolution	± 0.35°
Start/Stop cycle	4.5 s
Diameter of shaft	40 mm
Length of shaft	225 mm
Wheel lift max. load	70 kg
Power supply	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	1940 x 1020 x1570 mm
Net weight	183 kg

Features	***geodyna*® 8250-2p**
Display	geoTOUCH™
Touchscreen	Yes
Wheel clamp	Power Clamp™
Dimension entry (Diameter & distance)	Rim Scanner™
Dimension entry (Rim width)	Smart Sonar™
Stop in position	Yes
Laser pointer for tape weights	easyWEIGHT™
Rim Lighting	Yes
Wheel lift	Standard BW4030
Diagnostic features	Run-out & matching

Car wheel balancer with non-contact data entry and diagnostic functions

geodyna® 8200-2p

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.

Product description

- 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
- 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
- Imbalance minimisation and optimisation programs
- Compatible with asanetwork
- Print-out with optional printer

Technical Specifications	***geodyna*® 8200-2p**
Measuring speed	< 200 rpm
Balancing accuracy	1 g
Angular resolution	± 0.35°
Start/Stop cycle	4.5 s
Diameter of shaft	40 mm
Length of shaft	225 mm
Wheel lift max. load	n. a.
Power supply	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	1380 x 1020 x1570 mm
Net weight	150 kg

Features	***geodyna*® 8200-2p**
Display	Monitor 19"
Touchscreen	Yes
Wheel clamp	Power Clamp™
Dimension entry (Diameter & distance)	Rim Scanner™
Dimension entry (Rim width)	Smart Sonar™
Stop in position	Yes
Laser pointer for tape weights	easyWEIGHT™
Rim Lighting	Yes
Wheel lift	-
Diagnostic features	Run-out & matching

Digital car wheel balancer with geoTOUCH™ Display, geodata® and automatic wheel lift

geodyna® 7750p

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.

Product description

- 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)

Technical Specifications	***geodyna*® 7750p**
Measuring speed	< 200 rpm
Balancing accuracy	1 g
Angular resolution	± 0.35°
Start/Stop cycle	4.5 s
Diameter of shaft	40 mm
Length of shaft	225 mm
Wheel lift max. load	70 kg
Power supply	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	1840 x 1020 x 1550 mm
Net weight	230 kg

Features	***geodyna*® 7750p**
Display	geoTOUCH™
Touchscreen	Yes
Wheel clamp	Power Clamp™
Dimension entry (Diameter & distance)	semi-automatic geodata®
Dimension entry (Rim width)	Smart Sonar™
Stop in position	Yes
Laser pointer for tape weights	easyWEIGHT™
Rim Lighting	Yes
Wheel lift	Standard BW4030
Diagnostic features	-

Digital car wheel balancer with geoTOUCH™ display, geodata® and high ergonomics

geodyna® 7700p 7700l

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.

Product description

- geoTOUCH™ - the touchscreen graphical display, 10" wide, with DIAMOND user interface
- With torque-controlled Power Clamp™ device - for shop with high tyre service volume
- 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

Technical Specifications	*geodyna*® 7700p / l
Measuring speed	< 200 rpm
Balancing accuracy	1 g
Angular resolution	± 0.35°
Start/Stop cycle	4.5 s
Diameter of shaft	40 mm
Length of shaft	225 mm
Wheel lift max. load	n.a.
Power supply	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	1270 x 1020 x 1550 mm
Net weight	165 kg

Features	*geodyna*® 7700l	*geodyna*® 7700p
Display	geoTOUCH™	geoTOUCH™
Touchscreen	Yes	Yes
Wheel clamp	Quick Nut	Power Clamp™
Dimension entry (Diameter & distance)	semi-automatic geodata®	semi-automatic geodata®
Dimension entry (Rim width)	Smart Sonar™	Smart Sonar™
Stop in position	-	Yes
Laser pointer for tape weights	easyWEIGHT™	easyWEIGHT™
Rim Lighting	Yes	Yes
Wheel lift	-	-
Diagnostic features	-	-

Car wheel balancer with touchscreen monitor and Power Clamp™ device

geodyna® 7600p

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. With Power Clamp™ Device.

Product description

- Touchscreen monitor with graphical user interface GOLD – improved intuitiveness and ergonomics
- With torque-controlled Power Clamp™ device instead of quick nut
- High-productivity wheel balancer
- 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)

Technical Specifications	*geodyna*® 7600p
Measuring speed	< 200 rpm
Balancing accuracy	1 g
Angular resolution	± 0.35°
Start/Stop cycle	4.5 s
Diameter of shaft	40 mm
Length of shaft	225 mm
Wheel lift max. load	70 kg
Power supply	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	1381 x 877 x 1834 mm
Net weight	130 kg

Features	*geodyna*® 7600p
Display	Monitor 19"
Touchscreen	Yes
Wheel clamp	Power Clamp™
Dimension entry (Diameter & distance)	semi-automatc gauge arm
Dimension entry (Rim width)	Smart Sonar™
Stop in position	Yes
Laser pointer for tape weights	easyWEIGHT™
Rim Lighting	Yes
Wheel lift	Optional BW2010
Diagnostic features	-

Digital Car Wheel Balancer

geodyna® 7340p
7340l

With geoTOUCH™ - the touch-screen graphical display – the geodyna® 7340 is as intuitive as a video balancer. The wheel balancer with Power Clamp™ Device and easyWEIGHT™ pinpoint laser light indicator for tyre shops, car dealerships and garages with medium tyre service volume.

Product description

- geoTOUCH™ - the touchscreen graphical display, 10" wide, with DIAMOND user interface – makes geodyna® 7340 as intuitive as a video balancer
- Power Clamp™ fast and accurate clamping 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
- 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)
- Clamping of wheel on integrated flange with quick nut

Technical Specifications	***geodyna® 7340p / l***
Measuring speed	< 200 rpm
Balancing accuracy	1 g
Angular resolution	± 0.35°
Start/Stop cycle	4.5 s
Diameter of shaft	40 mm
Length of shaft	225 mm
Wheel lift max. load	70 kg
Power supply	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	1383 x 878 x 1670 mm
Net weight	90 kg

Features	***geodyna® 7340l***	***geodyna® 7340p***
Display	geoTOUCH™	geoTOUCH™
Touchscreen	Yes	Yes
Wheel clamp	Quick Nut	Power Clamp™
Dimension entry (Diameter & distance)	semi-automatc gauge arm	semi-automatc gauge arm
Dimension entry (Rim width)	Smart Sonar™	Smart Sonar™
Stop in position	-	Yes
Laser pointer for tape weights	easyWEIGHT™	easyWEIGHT™
Rim Lighting	-	-
Wheel lift	Optional BW2010	Optional BW2010
Diagnostic features	-	-

truck
WHEEL BALANCERS

geodyna® 980L 4800-2L

The geodyna® 980L and geodyna® 4800-2L measures both the static and the dynamic portions of unbalance and consequently increases truck wheel life considerably. The geodyna® 4800-2L is also equipped with TFT flat screen and asanetwork capability.

Product description

- Automatic input of offset and rim diameter (2D SAPE)
- Input of rim width by pressing of the function key and turning of the wheel (patented)
- Electronic friction brake to retain the wheel in any position
- Virtual plane measurement (VPM) technique (patented)
- Weight tray with 27 weight compartments and shelves for cones and weight pliers
- 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
- Optimisation (patented)
- 19" TFT wide-screen monitor
- Comprehensive on-line help in more than 25 languages
- Asanetwork capability

Technical Specifications	*geodyna*® 980l
Diameter of shaft	40 mm
Measuring speed	< 100 rpm
Angular resolution	± 0.35°
Balancing accuracy	1 g cars 10 g trucks
Dimensions L x W x H (Wheel guard open)	1920x1370x1390 mm
Net Weight	255 kg
Wheel Lift	Pneumatic (option)

Technical Specifications	*geodyna*® 4800-2l
Diameter of shaft	40 mm
Measuring speed	< 100 rpm
Angular resolution	± 0.35°
Balancing accuracy	1 g cars 10 g trucks
Dimensions L x W x H (Wheel guard open)	1920x1330x1150 mm
Net Weight	238 kg
Wheel Lift	Pneumatic (option)

truck
TYRE CHANGERS

monty® 4400 3850

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

Product description

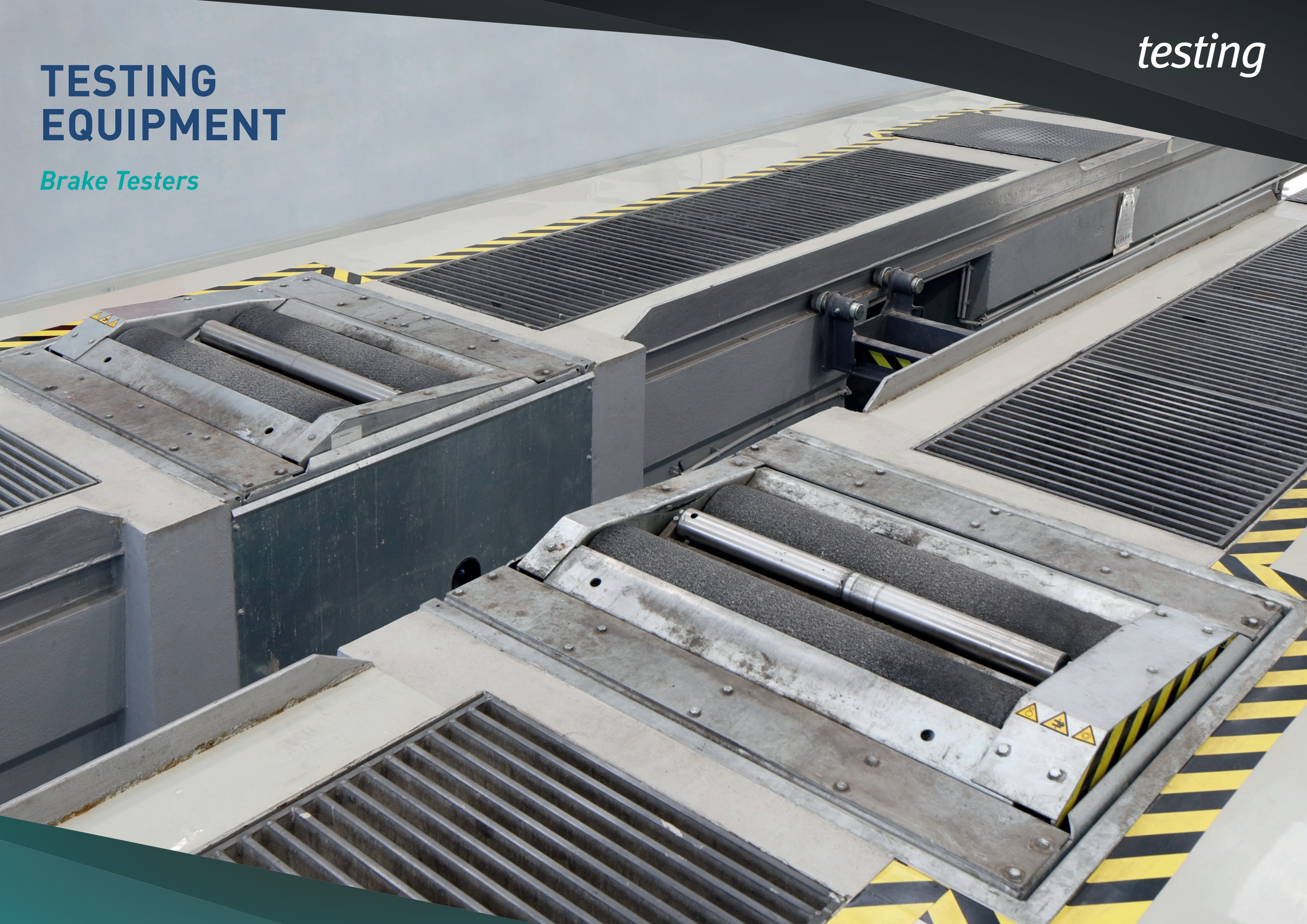
- Rugged chuck design
- Double reinforced frame allowing to handle wheels of up to 1500 kg
- Unique patented bead breaker disc for easy operation
- Control unit with switch to control two operations simultaneously
- 2 Chuck speeds, preset with a switch
- Vast range of standard accessories
- Electro-hydraulic drive
- Mobile control unit
- Positioning of wheel and tool within a wide accurate adjustment range
- Infinitely self-centring universal hydraulic chuck
- Bead breaker roll and mounting/demounting tool fitted on swing arm
- Safety valve on chuck prevents accidental unclamping of wheels
- Ergonomic operation owing to vertically adjustable control unit

Technical Specifications	*monty*® 4400
Rim clamping range	14–44 inch
Max. wheel width	43 inch
Max. wheel diameter	2300 mm
Max. wheel weight	1500 kg
Bead breaking force	33 kN
Chuck speed	(4/8 UpM)
Chuck motor rating	1.5 / 2.2 kW
Hydraulic motor rating	1.5 kW
Dimensions (W x D x H)	2660 x 1940 x 850 mm
Weight	310 kg
Power supply	400 V 3ph 50 Hz

Technical Specifications	*monty*® 3850
Rim clamping range	14–26 inch
Max. wheel width	27 inch
Max. wheel diameter	1500 mm
Max. wheel weight	1000 kg
Bead breaking force	27 kN
Chuck speed	(1 UpM)
Chuck motor rating	1.8 kW
Hydraulic motor rating	1.5 kW
Dimensions (W x D x H)	1670 x 1400 x 840 mm
Weight	540 kg
Power supply	400 V 3ph 50 Hz

TESTING EQUIPMENT

Brake Testers



testing
CAR

safelane 204-RP
(K-CPS-700)

Daimler AG specifies minimum requirements to be met by any brake tester sold to any of their contractual garages, workshops or dealerships.

Product description

Basic technical equipment for passenger car brake test stands, applicable to all countries:

- Roller set with a drive-over load capacity of min. 4 t / usable testing width 800 to 2,200 mm
- Test speeds ≥ 4 km/h
- Motor power: ca. 2x 4 kW
- Roller set galvanized
- Roller surface plastic-coated surface with coefficient of static friction Tire / roll 0.7 dry / wet 0.5
- PC with printer for printing test logs
- Remote control for commissioning and control of brake test stand
- Start lock-up safeguard
- Pedal force meter
- Switchover from Manual to Automatic mode
- Automatic on/off switching and automatic restart
- Standardized data interface for data transfer (e.g. USB, LAN etc.)
- Lockable main switch

Optional:
- Drive-off aid
- Pit safety system when installed in a pit
- Automatic roller brake for testing automatic vehicles

Additional equipment when used for vans:
- Roller set with a drive-over load capacity of min. 5 t / usable testing width 800 to 2200 mm
- Preinstallation for tachograph testing
- Simultaneous display

The following Hofmann brake testers comply with the criteria catalogue:

- safelane 204-RP (K-CPS-700)
- safelane 204-RP (K-CPS-1000) with 1000 mm roller lengths
- safelane 204-RP (K-CPS-700-5) with 5kW motors
- safelane 204-RP (K-CPS-1000-5) with 1000 mm roller lengths and 5kW motors

Additional equipment when used for vans available. Please ask your Sales Manager.

Every product, accessory or configuration with better characteristics / performance is, of course, according to the Daimler AG criteria of, too.
Brake testers must be comply with country-specific requirements and statutory provisions.
Approvals of the local boards and supervisory authorities must be obtained. At any rate local approvals / requirements supersede MB criteria.

testing
TRUCK

safelane truck 16/20t
safelane truck 16t G

Daimler AG specifies minimum requirements to be met by any brake tester sold to any of their contractual garages, workshops or dealerships.

Product description

Basic technical equipment for commercial vehicle brake test stands, applicable to all countries:

- Roller set ≥ Ø 250 mm, with drive-over load capacity of min. 16 t / usable testing width 800 to 3000 mm
- Test speeds ≥ 2 km/h
- Motor power: minimal 2x 11 kW
- Safety circuit to reduce the start-up current
- Roller set with rear rollers set approx. 50 mm higher
- Roller set galvanized – roller surface plastic-coated surface with coefficient of static friction
- Tire / roll 0.7 dry / wet 0.5
- Single wheel circuit
- PC with printer for printing test logs
- Weighing scale in roller set
- Remote control for commissioning and control of brake test stand
- Switchover from Manual to Automatic mode
- Automatic on/off switching and automatic restart
- Standardized data interface for data transfer (e.g. USB, LAN etc.)
- Pressure transducer for transmitting the measured pressures in the compressed air system
- Lockable main switch
- Simultaneous display
- Pit safety system when installed in a pit

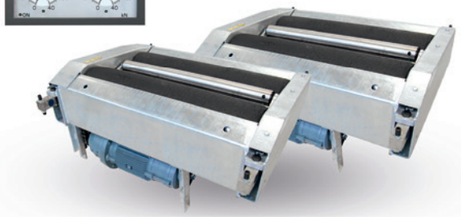
Optional:
- Automatic roller brake for testing automatic vehicles (e.g. buses)
- Preinstallation for tachograph testing
- Roller set raising for load simulation
- Pedal force meter when used for cars
- Drive-off aid

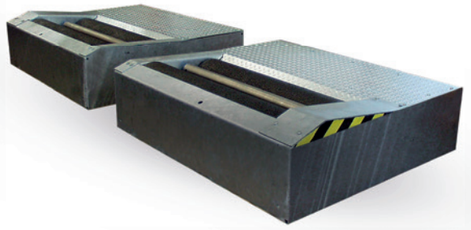
Additional equipment when used for cars:
- Two test speeds ≥ 2 - > 4 km/h when used for cars

Following models correspond to these specs.: Truck brake testers for trucks, buses and vans over 3.5 t (N2)
- safelane truck N SC 1 1300mm 16t
- safelane truck N 1 1300mm 16t
- safelane truck N 1 1300mm 20t
- safelane truck G SC 1 16t
- safelane truck G 1 16t

models with one or two measuring speeds.

ATTENTION
Versions with level rollers are not according the MB requirements
Possible options:
weighing unit, 8-digit display, air pressure transducer cable or radio, remote control, empty cabinet in RAL 9007, PC, printer, COM cable, radio transducers e lifting load simulator, motor brakes, pit safety device, preparation for tachograph testing





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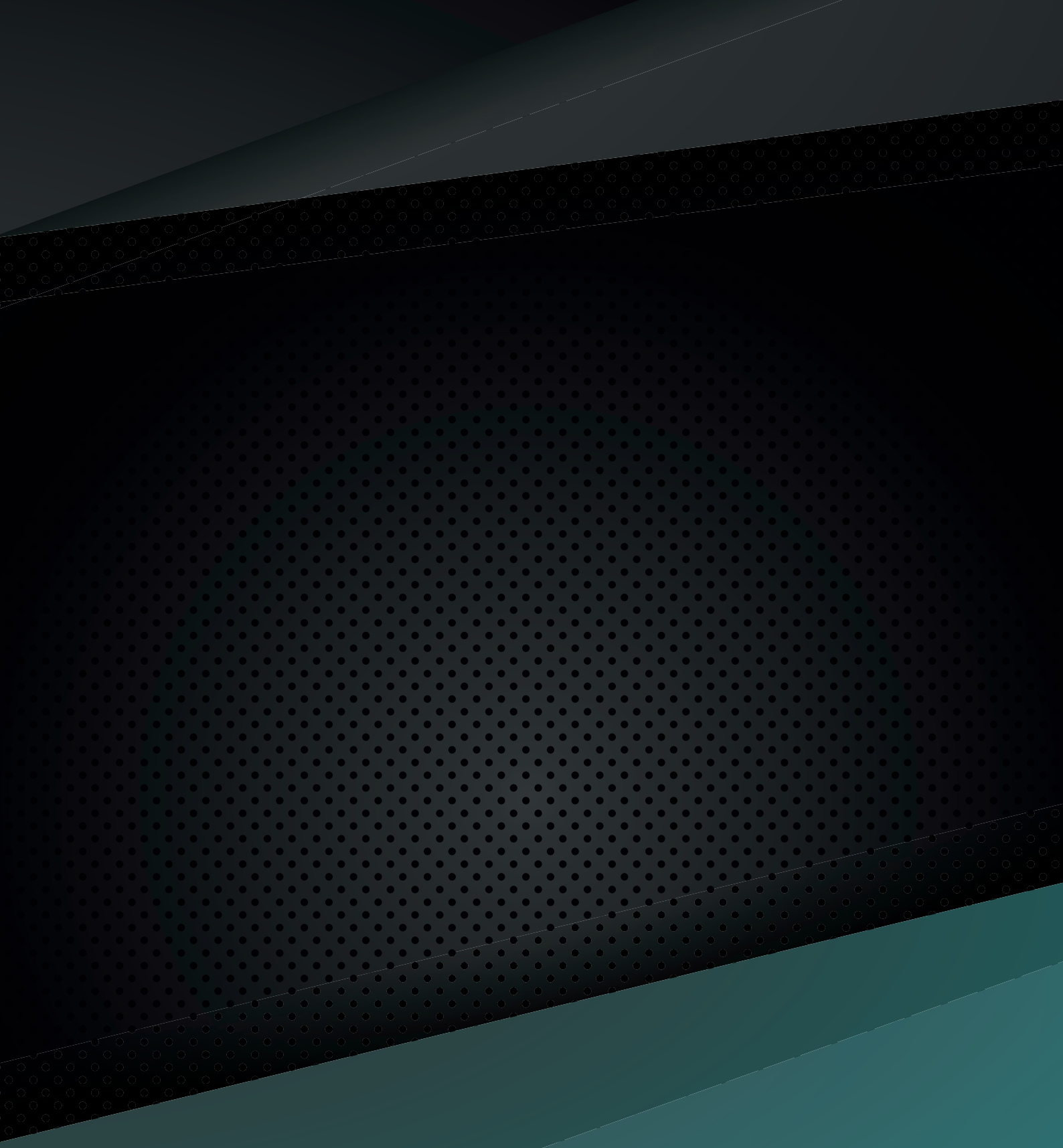

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Part of the machines is illustrated with optional extras which are available at extra cost. Technical and visual modifications reserved.

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