

Wheel Balancers

B1200P



Automatic data entry, rim profiling and diagnostic features — the ultimate high-productivity solution to vibration problems

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PLATINUM USER INTERFACE



Highly intuitive and fast touch-screen monitor with large digits, coloured weight position indicators and PLATINUM user interface – improved intuitiveness and ergonomics.

easyWEIGHT



A laser point allows fast, accurate and easy positioning of adhesive weights on the wheel. As the weight location is indicated on the bottom of the rim, the operator can ergonomically place the weights quickly, accurately and without error.

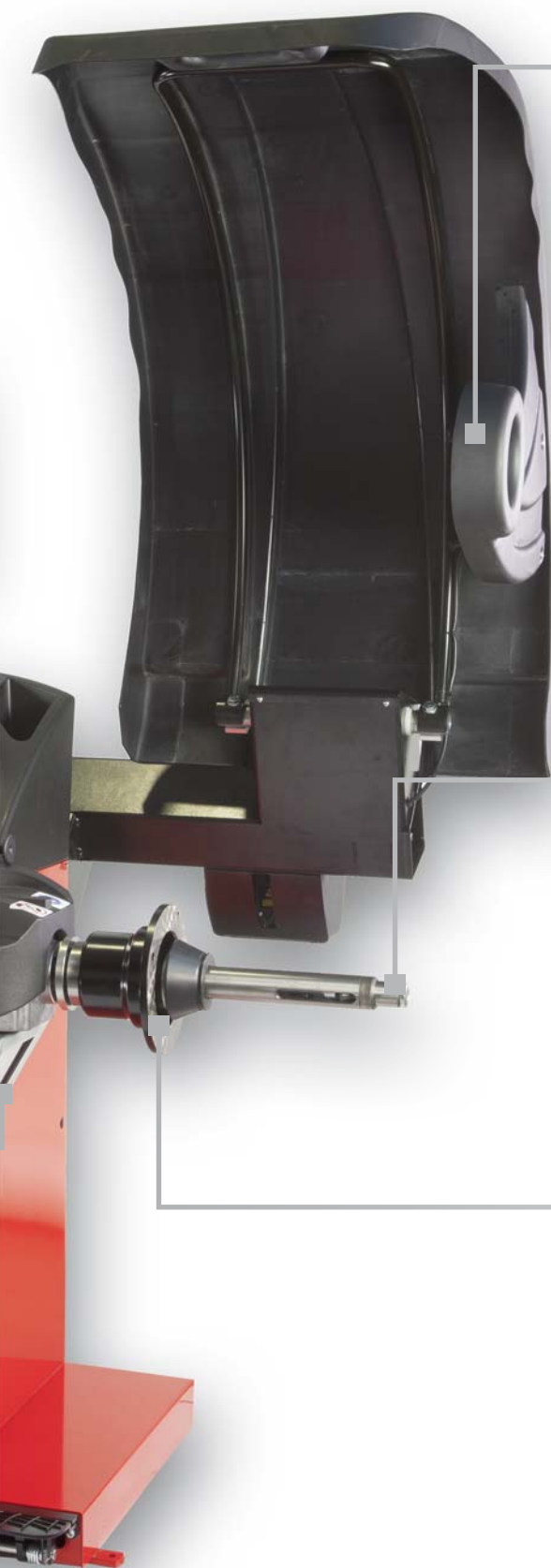
RIM SCANNER & SMART SONAR



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. Together with automatic rim width acquisition via Smart Sonar this combines high accuracy and high productivity.



WHEEL BALANCER B1200P



SHORT BALANCING CYCLE

The extremely short balancing cycle (start/stop) of 4.5 sec. as well as automatic rim width acquisition via Smart Sonar together with rim scanner featuring automatic non-contact rim profiling make this balancer the ideal solution for high-volume workshops.

MATCH-MOUNTING



Radial run-out diagnosis of the wheel is performed by high-accuracy laser technology during unbalance measurement, hence without compromising on productivity. Radial run-out is automatically detected during rim diagnosis, providing match-mounting indication to fix vibrations caused by geometric deformation.

POWER CLAMP DEVICE



The Power Clamp allows quick clamping and unclamping of wheels.

OVERSIZE SHAFT



The 225 mm length allows the use of stud-hole flanges and other accessories for almost every type of rim.

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TECHNICAL DATA AND FEATURES

FEATURES

- High-productivity balancer for passenger-car and light-truck wheels
- Automatic data entry, selection of balancing mode and spoke detection
- Unbalance measurement and run-out diagnosis are performed in a single fast measuring run!
- Match-mounting is performed, if possible, to reduce vibrations caused by radial run-out
- PLATINUM touch screen user interface – fast and highly intuitive
- easyWEIGHT: fast pinpoint bottom weight placement. Pinpoint laser light indicator to accurately position adhesive weights on the wheel.
- Torque-controlled Power Clamp device
- Stop-in-Position automatically indexes the wheel to correction position
- Short start-stop cycle time: 4.5 seconds.
- VPI measurement technique for uncompromised accuracy
- Rim lighting to facilitate positioning of weights
- Networking capability with the optional networking software
- Compatible with asanetwork
- Print-out with optional printer



SMOOTH RIDE

The driver perceives radial run-out as a bumpy ride. Radial run-out causes vibrations which cannot be fixed by simply balancing the wheel.



RADIAL RUN-OUT

Peak-to-peak and 1st harmonic graphs of wheel run-out are provided for an easy diagnostic of the issues. Rim run-out and matching information are provided when necessary.

TECHNICAL DATA

- Vehicles supported:
Cars / Light trucks / SUVs
- Measuring speed: < 200 rpm
- Balancing accuracy: 1 g
- Angular resolution: 0.7 °
- Start/Stop balancing time
(wheel 195/65R15): up to 4.5 s

AUTOMATIC DATA ENTRY (SCANNER/SMART SONAR)

- Rim diameter: 14 – 26"
- Rim width: 3 – 15.8"
- Automatic spoke counting

MANUAL DATA ENTRY

- Rim diameter: 8 – 32"
- Offset: 1 – 20"
- Rim width: 1 – 20"

MAXIMUM WHEEL DIMENSIONS

- Max. wheel diameter: 1050 mm
- Wheel width: 76 – 508 mm
- Max. wheel weight: 70 kg
- Diameter of shaft: 40 mm
- Length of shaft: 225 mm
- Dimensions L x W x H
(Wheel guard open):
1362 x 1001 x 1895 mm
- Net weight: 130 kg
- Power supply: 230 V 1ph 50/60 Hz

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