

WHEEL BALANCERS



PRODUCTIVITY AND DIAGNOSTICS

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

B1200P WHEEL
BALANCER

JohnBean[™]

PRODUCTIVITY SOLUTION TO VIBRATION PROBLEMS.



Platinum user interface



easyWEIGHT



Rim scanner & Smart sonar



Match-mounting

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.

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.

SMOOTH RIDE

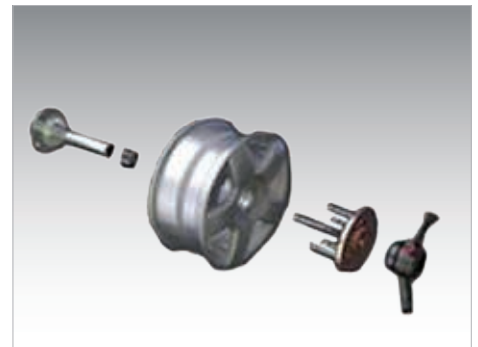
The driver perceives radial run-out as a bumpy ride. Radial run-out causes vibrations which cannot be fixed by simply balancing the wheel.

RADIAL RUN-OUT

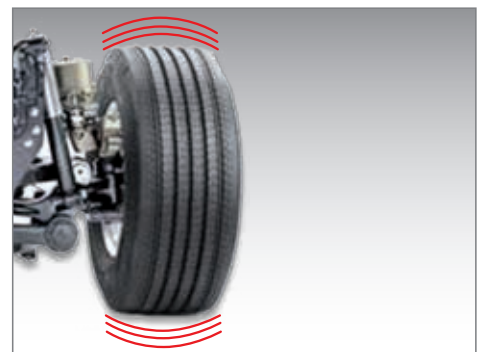
Peak-to-peak and 1st harmonic graphs of wheel run-out are provided for an easy diagnostic of the issues. Rim run-out and matching information are provided when necessary.



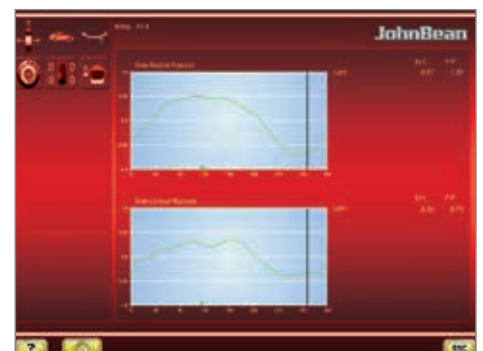
Power clamp device



Oversize shaft



Smooth Ride



Radial Run-Out

TECHNICAL SPECIFICATIONS

- 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

TECHNICAL DATA

	B1200P
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
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	230V 1ph 50/60Hz

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

EMEA-JA
Snap-on Equipment s.r.l. · Via Prov. Carpi, 33 · 42015 Correggio (RE)
Phone: +39 0522 733-411 · Fax: +39 0522 733-479 · www.johnbean-europe.com

Austria
Snap-on Equipment Austria GmbH · Hauptstrasse 24/Top 14 · A-2880 St. Corona/Wechsel (RE)
Phone: +43 1 865 97 84 · Fax: +43 1 865 97 84 29 · www.johnbean-europe.com

France
Snap-on Equipment France · ZA du Vert Galant · 15, rue de la Guivernone BP 97175
Saint-Ouen-l'Aumône · 95056 Cergy-Pontoise CEDEX
Phone: +33 134 48 58-78 · Fax: +33 134 48 58-70 · www.johnbean-france.fr

Germany
Snap-on Equipment GmbH · Konrad-Zuse-Straße 1 · 84579 Unterneukirchen
Phone: +49 8634 622-0 · Fax: +49 8634 5501 · www.johnbean-deutschland.com

Italy
Snap-on Equipment s.r.l. · Via Prov. Carpi, 33 · 42015 Correggio (RE)
Phone: +39 0522 733-411 · Fax: +39 0522 733-410 · www.johnbean-italia.com

United Kingdom
Snap-on Equipment Ltd. · Unit 17 Denney Road, King's Lynn · Norfolk PE30 4HG
Phone: +44 118 929-6811 · Fax: +44 118 966-4369 · www.snapon-equipment.co.uk

