

Wheel Balancers

Series B100, B200



Accuracy and small footprint

JohnBean



SMART SONAR

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Automatic rim width acquisition via Smart Sonar together with rim diameter and offset measurement via 2D-SAPE make this balancer the ideal solution for high-volume workshops (B200S only).

SHORT BALANCING CYCLE

Extremely short balancing cycle (start/stop) of 4.5 sec.

TOUCH PANEL

Easy to operate with a comfortable touch panel.



GAUGE ARM

SILVER USER INTERFACE

This graphical user interface allows fast and intuitive selection of the cycle modes.

CLAD WHEELS

The oversize shaft of 225 mm allows the use of any flanges necessary for the clad wheels or for a lug centring.

GAUGE ARM

Semi-automatic data entry and positioning of adhesive weights.

VPI

Measurement technique for uncompromised accuracy.

easyALU

Semi-automatic selection of balancing modes (Alu or steel rim).



TOUCH PANEL





FEATURES OF THE B100

- Intuitive LED display
- Semi-automatic input of rim diameter and offset with gauge arm
- Manual input of rim width
- Imbalance optimisation program
- Imbalance minimisation program
- Constant rotational speed
- QuickBal for reduced cycle time
- Split weight mode
- The pedal-operated mechanical lock firmly holds the wheel in every position

B100N: without wheel guard

FEATURES OF THE B200

- 19" TFT monitor with intuitive SILVER user interface
- Semi-automatic input of rim diameter and offset with gauge arm
- Manual input of rim width
- Imbalance optimisation program
- Imbalance minimisation program
- Constant rotational speed
- easyAlu for semi-automatic selection of balancing modes
- QuickBal for reduced cycle time
- Split weight mode
- The pedal-operated mechanical lock firmly holds the wheel in every position

B200S: with Smart Sonar for automatic and non-contact detection of rim width



OVERSIZE SHAFT

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



SPLIT WEIGHT MODE

Hides adhesive weights behind two adjacent spokes so they cannot be seen from the outside.



VPI

JohnBean

TECHNICAL DATA AND FEATURES

TECHNICAL DATA

		B100 / B100N	B200 / B200S
Vehicles supported		Passenger car / Light truck / SUV / Off-road / motorcycles (needs adaptors)	
Measuring speed	rpm	< 100	< 200
Balancing accuracy	g	1	1
Angular resolution	°	0.7	0.7
Start/Stop time (wheel 195/65R15)	s	6	4.5
Semi-automatic data entry (SAPE)			
Rim diameter	inch	8 – 25	8 – 25
Rim width	inch	–	– / 3 – 15
Manual data entry			
Rim diameter	inch	8 – 32	8 – 32
Offset	inch	1 – 20	1 – 20
Rim width	inch	1 – 20	1 – 20
Maximum wheel dimensions			
Max. wheel diameter	mm	960	1050
Wheel width	mm	76 – 508	76 – 508
Max. wheel weight	kg	70	70
Diameter of shaft	mm	40	40
Length of shaft	mm	225	225
Wheel lift max. load	kg	70	70
Power supply		230V 1ph 50/60 Hz	230V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	mm	1100 x 1005 x 1711 / 690 x 450 x 977	1012 x 781 x 1834
Net weight	kg	70 / 60	82

FEATURES

	B100 / B100N	B200 / B200S
Vibratory system technology	VPI with integrated flange	VPI with integrated flange
Wheel clamping	Quick nut	Quick nut
Wheel guard	• / –	•
Cycle start	Automatic, start by closing wheel guard / start key	Automatic, start by closing wheel guard
Wheel braking after measurement	Automatic with current injection	Automatic with current injection
Wheel lift type	Optional BW 2010	Optional BW 2010
Balancing program selection	Manual	Semi-automatic – easyALU
Smart sonar		• / –
Split weight	•	•
Minimisation	•	•
Optimisation	•	•
Main shaft lock	Mechanical	Mechanical
Self-calibration	•	•

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