

Wheel Balancers

B100
B300L
B600L



Accuracy
Productivity
Ease of use

JohnBeanTM

B100

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



SPLIT WEIGHT MODE

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



GAUGE ARM

The 2D SAPE gauge arm features semi-automatic input of rim diameter and offset and facilitates positioning of adhesive weights

B300L

- LED display and control panel integrated in the weight tray
- Automatic input of rim width via Smart sonar
- Semi-automatic input of rim diameter and offset with gauge arm
- easyALU
- easyWEIGHT
- VPI measurement technique
- Constant rotational speed
- Multiple user capability (4 users)
- QuickBAL for reduced balancing times
- Split weight mode
- Imbalance minimization program
- Imbalance optimization program
- The pedal-operated mechanical lock firmly holds the wheel in every position
- Wheel clamped on the integrated flange by means of a quick nut



INTUITIVE DISPLAY

Large LEDs read the amount of the balance weight and bright indicators show the weight position



easyALU

Semi-automatic pre-selection of balancing mode, ALU-P or steel rim

B600L

- Gold graphical user interface with touch screen functions
- easyWEIGHT
- Semi-automatic input of rim diameter and offset with gauge arm
- Automatic input of rim width via Smart sonar
- easyALU
- Rim lighting
- VPI measurement technique
- Constant rotational speed
- QuickBAL for reduced balancing times
- Imbalance minimization program
- Imbalance optimization program
- Split weight mode
- The pedal-operated mechanical lock firmly holds the wheel in every position
- Wheel clamped on the integrated flange by means of a quick nut



GOLD GRAPHICAL USER INTERFACE WITH TOUCH SCREEN FUNCTIONS

Time-saving and intuitive user interface.



RIM LIGHTING

High-brightness LED lighting system

JohnBean™

SMART SONAR

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.

easyALU

Semi automatic preselection of balancing mode, ALU-P or steel rim.

easyWEIGHT

Pinpoint indicator light – an accurate, fast and easy solution to position adhesive weights on the wheel.

RIM LIGHTING

Facilitates rim cleaning and speeds up data entry and weight positioning.

SHORT BALANCING CYCLE

Extremely short balancing cycle (start/stop) of 4.5 sec. (for wheel 195/65R15)

OVERSIZE SHAFT

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

VPI

Measurement technique for uncompromised accuracy.

GAUGE ARM

Semi-automatic data entry and positioning of adhesive weights.

QUICKBAL

Only the number of revolutions actually required to get an accurate imbalance measurement is performed, reducing measurement time by 30%.

TOUCH SCREEN (B600L only)

Touch screen monitor with large digits and coloured weight position indicators – improved intuitiveness and ergonomics.

WEIGHT TRAY

New, ergonomic and attractive.



SMART SONAR



easyWEIGHT



WEIGHT TRAY



TECHNICAL DATA AND FEATURES

TECHNICAL DATA		B100	B300L	B600L
Vehicles supported		Passenger car/Light truck/SUV/Off-road/motorcycles (needs adaptors)		
Measuring speed	rpm	< 100	< 200	< 200
Balancing accuracy	g	1	1	1
Angular resolution	°	0.7	0.7	0.7
Start/Stop balancing time (wheel 195/65R15)	s	6	4.5	4.5
Semi-automatic data entry (SAPE)				
Rim diameter	inch	8–25	8–25	8–25
Rim width	inch	–	3–15	3–15
Manual data entry				
Rim diameter	inch	8–32	8–32	8–32
Offset	inch	1–20	1–20	1–20
Rim width	inch	1–20	1–20	1–20
Maximum wheel dimensions				
Max. wheel diameter	mm	960	1050	1050
Wheel width range	mm	76–508	76–508	76–508
Max. wheel weight	kg	70	70	70
Diameter of shaft	mm	40	40	40
Length of shaft	mm	225	225	225
Power supply		230 V 1ph 50/60 Hz	230 V 1ph 50/60 Hz	230 V 1ph 50/60 Hz
Dimensions L x W x H (Wheel guard open)	mm	1100x1005x1711	1313x868x1834	1313x868x1834
Net weight	kg	70	120	130

FEATURES

Vibratory System Technology	VPI with integrated flange	VPI with integrated flange	VPI with integrated flange
Split Weight	•	•	•
Main Shaft Lock	Mechanical	Mechanical	Mechanical
Minimization Program	•	•	•
Optimization Program	•	•	•
Data Entry - Diameter and offset	Semi-automatic, gauge arm	Semi-automatic, gauge arm	Semi-automatic, gauge arm
Data Entry - Wheel width	Manual	Automatic, non-contact Smart Sonar	Automatic, non-contact Smart Sonar
easyWeight	NA	•	•
Rim Lighting	NA	NA	•
Display Type	LED integrated	LED integrated	Touch screen monitor
Wheel Lift Type	Optional BW 2010	Optional BW 2010	Optional BW 2010
Wheel Lift Max. Load	70 kg	70 kg	70 kg

SINGAPORE

Snap-on Tools Singapore Pte Ltd
25 Tagore Lane, #01-02, Singapore 787602
Tel: (65) 6451-5570 • Fax: (65) 6451-5574

HONG KONG

Snap-on Tools Hong Kong Limited
Unit 2010, 20/F, Laford Centre, 838 Lai Chi Kok Road, Cheung Sha Wan, Kowloon, Hong Kong
Tel: (852) 2370-3700 • Fax: (852) 2370-3400

INDONESIA

Snap-on Tools Singapore Pte Ltd - Indonesia Rep. Office
Graha Pratama Building, 14th Floor, Jl. M.T. Haryono Kav 15, Jakarta 12810, Indonesia
Tel: (62-21) 8370-9611 • Fax: (62-21) 8370-9612

KOREA

Snap-on Tools Korea
#505 & 506, BuCheon Techno Park Block 3, Building 301, 365 SamJung-Dong, OhJung-U
Bucheon City, GyeongGi-do, Korea 421-809
Tel: (82-32) 326-7310 • Fax: (82-32) 326-7312

MALAYSIA

Snap-on Tools Singapore Pte Ltd - Malaysia Branch
B-6-10, Street Mall, One South, Taman Serdang Perdana, 43300 Seri Kembangan, Selangor, Malaysia
Tel: (603) 8957-1938 • Fax: (603) 8957-2938

PHILIPPINES

Snap-on Tools Singapore Pte Ltd - Philippines Branch
Unit 801 Prime Land, Market St., Madrigal Business Park, Ayala Alabang, Muntinlupa City,
1781 Philippines
Tel: (63-2) 843-7935 • Fax: (63-2) 843-7730

TAIWAN

Snap-on Tools Singapore Pte Ltd - Taiwan Branch
3F-4, #9 Wuquan 1st Road, New Taipei Ind. Park, Xinzhuang District 24892, New Taipei City, Taiwan ROC
Tel: (886-2) 2298-9789 • Fax: (886-2) 2298-2288

THAILAND

Snap-on Tools (Thailand) Co. Ltd.
Talomsim Building, 924 Rama 3 Road, Bangpongpang Yannawa, Bangkok 10120, Thailand
Tel: (66) 2294-9660 • Fax: (66) 2294-9665