

Be **PRECISE**



# B1200P

FULLY AUTOMATIC  
DIAGNOSTIC  
WHEEL BALANCER

**JohnBean**

# B1200P

## PRECISE PERFORMANCE EFFICIENT ANALYSIS

Built with the ultimate precision to assist technicians looking for perfect wheel balancing, the B1200P from John Bean® is the ideal choice to boost productivity and revenue in your wheel service.

Working on modern vehicles requires the right equipment that can precisely diagnose weight and shape defects and indicate wheel vibration issues that can lead to customer dissatisfaction. The B1200P is a fully automatic machine that automatically detects rim diameter and offset distance and chooses the correct balancing mode, weight type, and placement without any manual interaction from a technician.

The B1200P wheel balancer from John Bean is simple to operate and provides state-of-the-art diagnosis with unique attributes to make every wheel balancing job easier and more accurate than ever.



## FULLY AUTOMATIC DIAGNOSTIC WHEEL BALANCER



### RADIAL AND LATERAL RUNOUT

Provide a complete diagnosis of the assembly uniformity and display the radial and lateral runout measurements from the first to the third harmonic, indicating wheel assembly possibilities and pinpointing balancing issues.



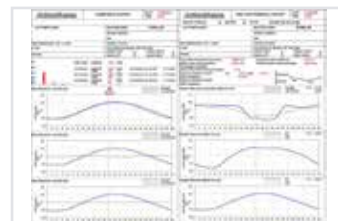
### AUTOMATIC SPOKE DETECTION

The laser scanner automatically detects the number and position of rim spokes for the system to indicate weight placement behind wheel spokes and allow for split weights.



### easyWeight™

Take the guesswork out of weight placement; this pinpoint accurate system uses a laser to show the exact spot to place a weight to ensure precise balancing.



### PRINTOUT

Reports can be printed through the local network or saved as a PDF to an external flash drive.

*WHEN GOOD ENOUGH ISN'T ENOUGH, JB.*

# ADVANCED FEATURES PROFESSIONAL SERVICE

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## TOUCHSCREEN INTERFACE

Fast and intuitive interface with large digits, colored weight position indicators increase speed, ease-of-use, and ergonomics for the daily job.



## smartSonar™

Automatic rim width detection using sonar sensors to avoid manual entry errors.

## RIM LIGHTING

Bright LED lighting system that facilitates rim cleaning and aids in the weight positioning process.

## Power Clamp™

The electromechanical power clamping device always clamps the wheel accurately with a constant force and provides a reliable and consistent condition to assure accurate and repeatable measurements.

## AUTOMATIC DATA ENTRY

No manual data entry is required; this machine automatically detects all the wheel dimensions and selects the balancing mode, weight type, and weight position to speed up the balancing cycle time and minimize operational errors.

## SPLIT WEIGHT MODE

This feature allows for accurate balancing with easy-to-follow manual procedures to hide the weights behind the spokes, preserving the wheel's visual presentation.

## STOP IN POSITION

Touch the screen to automatically rotate the wheel to the weight application position.

## QuickBAL™

Optimizes the number of revolutions according to each wheel's specifications while always operating at maximum speed and reducing cycle time.



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## TECHNICAL SPECIFICATIONS

Max Wheel Diameter	42"   107cm
Max Wheel Weight	154 lbs.   70 kg
Max Rim Width	20"   51cm
Power Supply	230V 50/60Hz
Dimensions HxWxL	75"x39"x53"   190x100x136cm

## STANDARD ACCESSORIES

- Four Cone Set (53-132mm)
- Weight Pliers
- Rim Width Caliper
- Weight Remover Tool

## OPTIONAL ACCESSORIES

- Power Clamp™ Speed Plate Kit with Collets
- Power Clamp™ Medium Duty Kit
- Nine Collet Set
- Basic Light Truck Cone Kit



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