

BFH 800

Fully Automated
Wheel Balancing System



Virtual Plane Imaging Balance
technology quickly provides
accurate wheel balance results

JohnBean™

BFH 800

QUICK AND ACCURATE AUTOMATIC WHEEL BALANCING



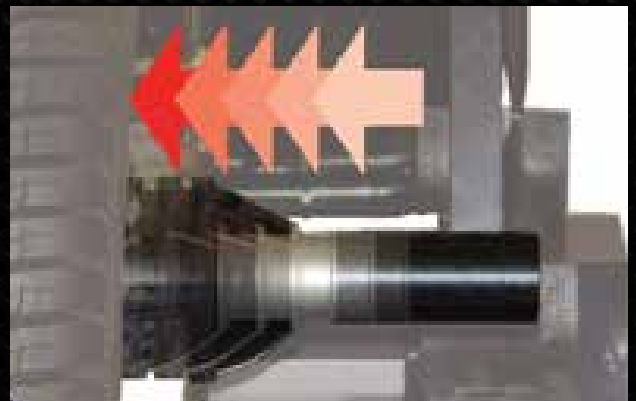
AUTOMATIC BALANCE MEASUREMENT

- **Virtual Plane Imaging (VPI)** ▪ In eight seconds, the color display shows the location of any imbalance and identifies the optimal tape or clip-on weight location
- and measurement imaging capture the profile of the wheel

AUTOMATIC POWER CLAMP*

- Electromechanical wheel clamping makes the entire process quick and simple
- Provides a reliable and consistent condition to assure accurate and repeatable measurements

* Patented and/or Patent-Pending Features



Fully-automatic inputs remove the chance for error

Optical Charged Coupled Device (CCD) scanner and a sonic sensor to determine all wheel data inputs automatically. Productivity enhancing features include power clamping, automatic optical wheel recognition, automatic spoke counting and wheel flange identification for clip weights.



DATA FREEZE

Captures the automatic inputs for re-use on same size tires to speed results

AUTOMATIC BEHIND THE SPOKE WEIGHT PLACEMENT

A laser dot shines behind the spoke to indicate the exact weight location

WEIGHT WIZARD*

Automatically tracks weight usage by type and size to aid inventory and cost management

OPTIONAL WEIGHTMISER™ SOFTWARE

Recommends lower weight amounts where possible to drive cost reduction. Tracks and records savings over time

AUTOMATIC INPUTS

Optical scanners automatically measure the wheel. The scanners recognize the wheel type/edge. Correct weight type and size shown to aid productivity

* Patented and/or Patent-Pending Features

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PRODUCT FEATURES & SPECIFICATIONS

STANDARD ACCESSORIES

- Power Clamp Nut Kit: EAA0307G54A
- Calibration Weight: EAM0005D40A
- Wheel Width Gauge: EAA0247G21A
- Weight Pliers: 0058839000

OPTIONAL ACCESSORIES

- Seven Cone Set: EAK0221J31A
- Four Cone Set: EAK0221J60A
- Four Cone Set and One Inch Spacer: EAK0309J11A
- Seven Cone Set and One Inch Spacer: EAK0309J12A
- Four Cone Set, One Inch Spacer, Storage Stand, Pin Plate and Stud Set, Twelve Precision Collet Set: EAK0309J13A
- Four Cone Set, One Inch Spacer, Storage Stand, Speed Plate Adapters with Studs, Twelve Precision Collet Set: EAK0309J14A

OPTIONAL OEM TOOLING KITS

- Acura / Honda: EAK0221J94A
- Audi / Volkswagen: EAK0221J95A
- BMW / Mini: EAK0221J96A
- Chrysler: EAK0221J83A
- Ford / Lincoln / Mercury: EAK0221J97A
- General Motors: EAK0221J74A
- Infiniti / Nissan: EAK0221J98A
- Jaguar: EAK0221J99A
- Land Rover: EAK0309J00A
- Lexus / Toyota / Scion: EAK0309J01A
- Maybach / Mercedes-Benz: EAK0309J02A
- Subaru: EAK0309J03A

SPECIFICATIONS

Equipment Specifications

- **Max wheel & tire assembly weight: 154 lbs**
- **Max wheel & tire assembly diameter: 44"**
- **Max wheel & tire assembly width: 21"**
- **Shaft diameter: 40mm**
- **Power Clamp: Included**
- **Date Entry: Automatic**
- **Weight tray pockets: 17**
- **Measuring speed: 200 RPM**
- **Balancing accuracy: 0.05oz**
- **Scanner accuracy: 0.004"**
- **Wheel diameter range: 8" - 30"**
- **Automatic wheel measurement range: 13" - 24"**
- **Dimensions (DxWxH): 68"x55"x76"**
- **Shipping weight: 430 lbs**
- **Power Requirements*: 230V 1Ph 50/60Hz**



EEWB526D

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* Other power configurations meeting global standards are available

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08/12 SS2795J

For more information regarding the BFH 800
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