



Precision Balancing & Durability

VPI System II & III

Wheel Balancers

John Bean[®]

Fast, Durable, Accurate

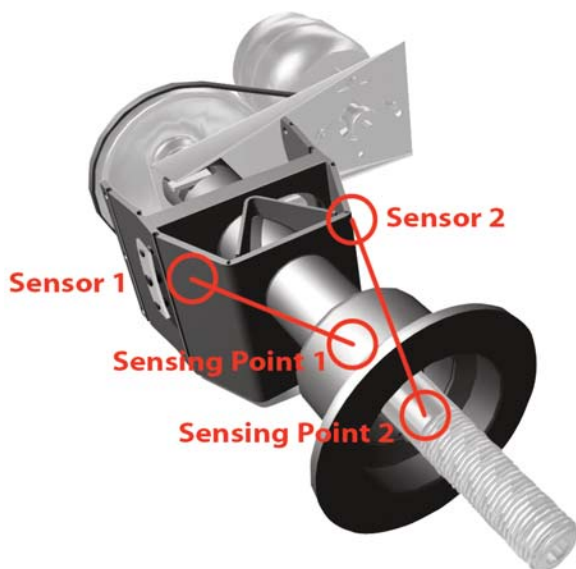
The VPI System II & III wheel balancers provide the ideal combination of performance & value. With proven Virtual Plane Imaging technology & advanced, money-making features, the VPI System II and III wheel balancers give your shop all the tools needed to boost profits.

VPI System II & III Wheel Balancers will enable your shop to:

- Save time.
- Reduce comebacks.
- Handle a wide range of high-performance/aftermarket wheels.
- Perform single-spin balances – every time.
- Give your shop more high-end wheel balance offerings.
- ***MAKE MORE MONEY!***



VPI™ Technology - Ultimate Precision & Durability



All John Bean balancers feature the industry's best balancing technology - Virtual Plane Imaging (VPI™). Because the wheel and tire assembly is placed between the sensors electronically, VPI™ technology provides unsurpassed measuring accuracy! This configuration physically locates the sensors outside the cabinet - away from internal temperature fluctuations and other stresses.

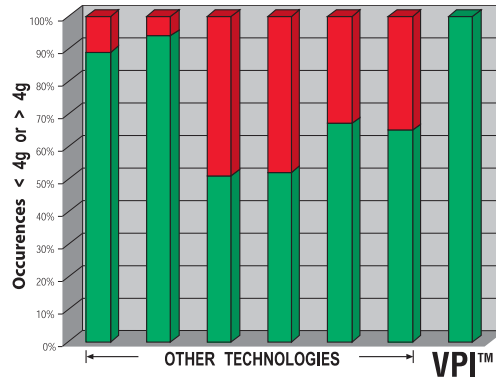
As a result, VPI Balancers offer the ultimate in precision and repeatability.

Virtual Plane Imaging™ - Proven Technology

During independent research, only the VPI Balancer scored a perfect 100/100 for balancing accuracy!



Accuracy Test Balancer Technologies



Accuracy Comparisons Using ISO 2953 Standard. Accurate Within 4g Residual Imbalance

Productivity-Enhancing Features

Semi-Automatic Parameter Entry

- Use the inner auto-assist data input arm to quickly & accurately capture wheel distance and diameter, & also to place tape weights behind spokes or on the inside edge of the wheel.
- Capture wheel width with the outer auto-assist data input arm. (VPI System III Only)



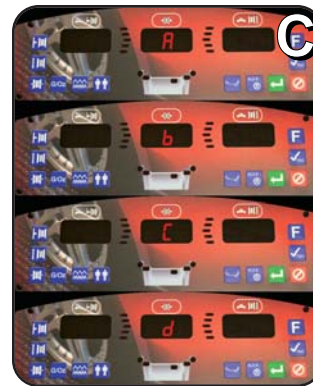
Inner Auto-Assist Data Input Arm Measures Wheel Distance and Diameter.



Outer Auto-Assist Data Input Arm Measures Wheel Width. (VPI System III only)



Inner Auto-Assist Data Input Arm also places tape weights behind spokes or on inner edge of wheel.



A. Store Data For Up To 5 Tire Sizes

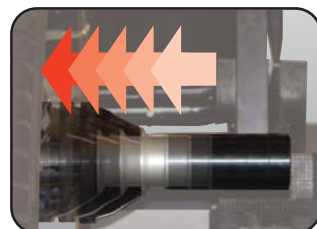
- Stores all data parameters for up to five different tire sizes commonly used in your shop - enabling faster setups.

B. Spin and Job Counters

- Track number of spins and balances over time.

C. Multiple Operator Memory

- Allows up to four technicians to work on the same balancer!



Power Clamp (VPI System III Only)

- Model EEWB502PD - Automatically locks the wheel and tire assembly in place at the appropriate pressure.

VPI FAMILY SPECIFICATIONS

	VPI System II EEWB503D	VPI System III EEWB502D EEWB502PD	VPI System IV EEWB516D EEWB516PD
Max. Wheel & Tire Assembly Weight	133 lbs.	154 lbs.	154 lbs.
Max. Wheel & Tire Assembly Diameter	44"	44"	44"
Max. Wheel & Tire Assembly Width	21"	21"	21"
Max. Wheel Diameter	30"	30"	30"
Shaft Diameter	40 mm	40 mm	40 mm
Data Entry	Auto-Assist Data Input Arm (Wheel Distance & Diameter) & Manual Entry (Wheel Width)	Auto-Assist Data Input Arms (Wheel Distance, Diameter, & Width)	Auto-Assist Data Input Arms (Wheel Distance, Diameter, & Width)
Power Clamp Configuration	No	Yes (EEWB502P)	Yes (EEWB516P)
Quick-Nut Configuration	Yes	Yes (EEWB502B)	Yes (EEWB516B)
Weight Storage Pockets	19	17	17
Display	Integrated 3-Window LED	Elevated 3-Window LED	Elevated Flat Screen Monitor
Measuring Speed	100 RPM	200 RPM	200 RPM
Balance Accuracy	0.035 oz.	0.035 oz.	0.035 oz.
Footprint	51" x 48"	60" x 49"	60" x 49"
Shipping Weight	325 lbs.	380 lbs.	385 lbs.
Power Requirements*	230V, 1Ph, 60Hz	230V, 1Ph, 60Hz	230V, 1Ph, 60Hz

* Other Power Configurations Available

VPI SYSTEM II & III ACCESSORIES

Standard

EAC0058D07A	Large pressure cup
EAC0058D08A	Pressure disc
EAM0021D90A	Stub shaft (EEWB503B/EEWB502B)
EAM0005D40A	Calibration weight
EAA0247G21A	Wheel width gauge
EAC0060G02A	Cover hook flange
EAM0006G01A	Storage Pegs
58839	Weight pliers (VPI System III)
EAA0263G66A	Quick-Nut (EEWB503B/EEWB502B)
EAM0005D54A	Plastic sleeve (EEWB502P)
EAA0283D53A	Power Clamp nut (EEWB502P)
EAC0058D15A	Soft Protective Ring (EEWB502P)

John Bean offers a number of specialty accessory kits with pin plates & special OEM approved collets recommended for specialty aftermarket and OEM clad wheels. For more optional accessories, contact a Local Sales Representative or visit www.snaponequipment.com.

Optional

Because wheel designs are unique and ever-changing, standardized cone packages lack the flexibility to meet the mounting demands of today's wheels. Putting our customer's needs first, John Bean offers a selection of cone packages capable of servicing a wide range of wheel and tire assemblies.

To complete your wheel balancing package, choose from one of these cone kits:

4 Cone Kit

EAK0221J60A (2.1" to 5.2")



7 Cone Kit

EAK0221J31A (1.7" to 6.3")



Check out our accessory brochure for more productivity-enhancing accessories!

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