



Precision Balancing & Durability

VPI System II & III

Wheel Balancers

JohnBean™

Fast, Durable, Accurate

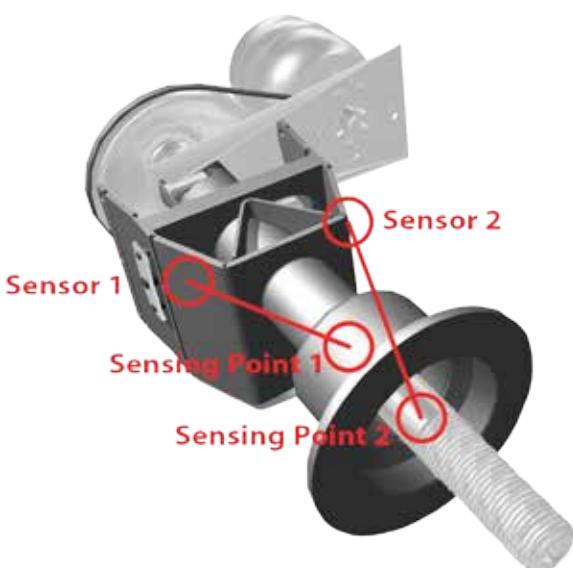
The VPI System II & III wheel balancers provide the ideal combination of performance & value. With proven Virtual Plane Imaging technology & advanced, money-making features, the VPI System II and III wheel balancers give your shop all the tools needed to boost profits.

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

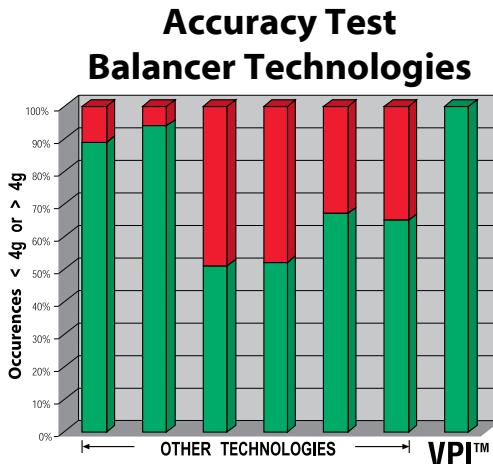


All John Bean balancers feature the industry's best balancing technology - Virtual Plane Imaging (VPI™). Because the wheel and tire assembly is placed between the sensors electronically, VPI™ technology provides unsurpassed measuring accuracy! This configuration physically locates the sensors outside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



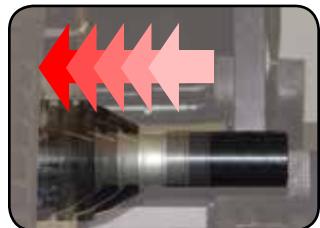
Inner Auto-Assist Data Input Arm Measures Wheel Distance and Diameter



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

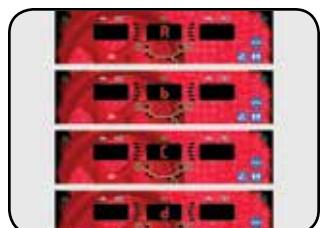


Power Clamp (VPI System III Only)

- Model EEWB502P - Automatically locks the wheel and tire assembly in place at the appropriate pressure

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



Multiple Operator Memory

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

Spin and Job Counters

- Track number of spins and balances over time



VPI FAMILY SPECIFICATIONS

	VPI System II EEWB503B	VPI System III EEWB502B EEWB502P	VPI System IV EEWB516B EEWB516P
Max. Wheel & Tire Assembly Weight	154 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)

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")

