RECOMMENDED **EQUIPMENT**

FOR **SUBARU** WORKSHOPS

JohnBean

*B2000P

FULLY AUTOMATIC 3D DIAGNOSTIC WHEEL BALANCER

The John Bean® B2000P is a fully automatic diagnostic wheel balancing system that uses five high-resolution cameras to create a complete 3D mapping system of the rim and tire profile.

Our precision 3D runout measurements provide a commercial-grade level of surface measurement that can help technicians pinpoint balancing issues. A unique suite of diagnostic features such as tread depth analysis, tire wear-out prediction, uneven wear diagnosis, and automatic unbalance measurements help technicians identify weight and shape defects, flat spots, and incorrect bead seating. Our easy-to-read, intuitive software interface and touchscreen display provide all the necessary steps for technicians throughout the entire balancing process, boosting productivity and reducing potential operator error.

Not all tires are perfect, which can cause drivability issues such as vibration and pull. Our exclusive OptiLine™ technology analyzes the data of the complete wheelset and proposes the best placement for each wheel to compensate for tire pulling or steering wheel vibration problems. This feature provides accuracy on another level.

The John Bean B2000P is a world-class diagnostic wheel balancing system for professional shops. This technological powerhouse allows technicians to balance a wide variety of wheels with the highest degree of accuracy.

* U.S. OEM only

KEY FEATURES

Runout Measurements

Hundreds of thousands of measurement points are taken with a resolution of 0.004" (0.1 mm) to create a 3D model of the tire and wheel allowing for a complete diagnosis of the assembly uniformity and displaying radial runout with peak-to-peak measurements from the first to the third harmonic.

Match Mounting

Optimize the assembly of the tire on the rim and reduce the amount of necessary weight.

Laser 3D Surface Mapping

Utilizes a high-resolution camera and laser-based technology to provide sidewall analysis, as well as depth, wear, and tire surface abnormalities that are displayed in an easy-to-read format.

OptiLine™ Wheel Set Optimization

Based on a predetermined set of criteria, OptiLine suggests the optimal location for each wheel to address any pull or vibration-related issues.

TECHNICAL SPECIFICATIONS

Max Wheel Diameter	44" | 112cm
Max Wheel Weight	154 lbs. | 70 kg
Power Supply	230V 50/60Hz
Dimensions HxWxL	74"x48"x62" | 189x123x158cm

*SYSTEM V

TILT-TOWER TIRE CHANGER

Traditional tilt-tower design meets productivity-boosting and damage avoidance features to make the John Bean® System V a solid addition to smaller, independent shops that service a variety of wheel and tire combos.

For high-volume shops that service OEM cars, SUV's, and light to medium truck applications, the System V is a great addition to your workflow. An on-floor bead breaker with an ergonomically located pedal makes breaking even the toughest beads easy and safe. The pneumatically locking tilt-tower configuration easily moves out of the way to ergonomically allow placement of small to large wheels. Once the tire is on the turntable, the self-adjusting four-jaw clamp secures the wheel clamps with power from twin cylinders. Comprehensive pneumatic bead assist comes standard and provides an additional suite of features that make changing ultra-high performance and run-flat tires a snap. Traditional design, with modern productivity-boosting features, makes the System V a great addition to your shop.

* U.S. OEM only

KEY FEATURES

Tilt-Tower

The pneumatic Tilt-Tower post provides maximum clearance for installing the tire on the turntable.

On-Floor Bead Breaker (Pedal-Operated)

Traditional side-shovel bead breaker with ergonomic pedal-control positioned away from the shovel; the fastest solution for standard, soft sidewall, and high-aspect tires.

Pneumatic Bead Assist

Our three-piece Pneumatic Bead Assist features a top roller, pressing foot, and lifting disk, to make it simple for a single technician to mount and demount low-profile and high-performance tires.

Adjustable Clamping Jaws

Self-centering nylon-covered clamping jaws protect the wheel and provide a secure grip.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	26" | 66cm
Max Tire Width	17" | 43cm
Max Wheel Diameter	47" | 119cm
Wheel Lift Capability	154 lbs. | 70 kg

Power Supply	230V 1ph 50-60Hz 16A
Air Pressure Required	116-174 PSI | 8-12 bar
Dimensions HxWxD	58"x65"x90" | 147x165x229cm

*SYSTEM IV-E

TILT-TOWER TIRE CHANGER

For medium to high-volume shops interested in keeping revenue-boosting tire services in-house while keeping to a strict budget and looking to service OEM cars, SUV's and light trucks; the John Bean® System IV-E includes several productivity-boosting features without the high price tag.

The System IV-E traditional tilt-tower design combined with a handy two-speed turntable and a bevy of productivity-boosting features allows you to keep revenue-boosting tire services where they belong - in your shop. An on-floor bead breaker with an ergonomically located pedal makes breaking even the toughest beads easy and safe. The pneumatic locking tilt-tower configuration easily moves out of the way to ergonomically allow placement of small to large wheels. Once the tire is on the turntable, the self-adjusting four-jaw clamp secures the wheel with twin-cylinder clamping power, and the integrated tire pressure limiter eliminates the possibility of over-inflation. Big features, smaller price; the System IV-E is a great addition to any medium to high-volume shop.

* U.S. OEM only

KEY FEATURES

Tilt-Tower

The pneumatic Tilt-Tower post provides maximum clearance for installing the tire on the turntable.

On-Floor Bead Breaker (Pedal-Operated)

Traditional side-shovel bead breaker with ergonomic pedal-control positioned away from the shovel; the fastest solution for standard, soft sidewall, and high-aspect tires.

Pneumatic Bead Assist

Our three-piece Pneumatic Bead Assist features a top roller, pressing foot, and lifting disk, to make it simple for a single technician to mount and demount low-profile and high-performance tires.

Adjustable Clamping Jaws

Self-centering nylon-covered clamping jaws protect the wheel and provide a secure grip.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	24" | 61cm
Max Tire Width	13" | 33cm
Max Wheel Diameter	39" | 99cm
Wheel Lift Capability	154 lbs. | 70 kg

Power Supply	115V 1ph 60Hz 12A
Air Pressure Required	116-174 PSI | 8-12 bar
Dimensions HxWxD	79"x61"x56" | 201x155x142cm

*SYSTEM II-E

SWING-ARM TIRE CHANGER

Keep high-revenue tire business in-house and work faster without compromising safety or wheel protection by adding the John Bean® System II-E swing-arm tire changer to your shop.

Today's modern cars, trucks, and SUVs come with a wide variety of hard-to-service wheel and tire combos, but the John Bean System II-E swing-arm tire changer is up to the task. The System II-E allows you to work on a wide range of tires, up 12 inches in width and 40 inches in diameter. An ergonomic pedal-operated on-floor bead breaker allows technicians to work with tires all the way up to 13 inches with ease. Powered by twin cylinders, nylon-covered clamping jaws make quick work of holding large wheels in place on the turntable while minimizing the chance of damage. Big features, packed in a shop-friendly footprint - the System II-E is the workhorse you need.

* U.S. OEM only

KEY FEATURES

Swing-Arm

The mounting arm swings to the side so that the machine can be installed in a space-saving way directly near a wall.

Adjustable Clamping Jaws

Self-centering nylon-covered clamping jaws protect the wheel and provide a secure grip.

On-Floor Bead Breaker (Pedal-Operated)

Traditional side-shovel bead breaker with ergonomic pedal-control positioned away from the shovel; the fastest solution for standard, soft sidewall, and high-aspect tires.

Column-Integrated Air Tank

Unobtrusive, vertical design, column-integrated air tank helps conserve valuable shop space with a large volume for increased blasting capabilities.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	24" | 61cm
Max Tire Width	13" | 33cm
Max Wheel Diameter	39" | 99cm
Wheel Lift Capability	154 lbs. | 70 kg

Power Supply	115V 1ph 60Hz 12A
Air Pressure Required	116-174 PSI | 8-12 bar
Dimensions HxWxD	71"x45"x55" | 180x114x140cm

Snap-on® Total Shop Solutions offers a wide range of garage equipment solutions for workshops, garages, car dealers and tire shops, thanks to the specific solutions provided by its portfolio of premium brands. John Bean is a brand of TSS and is committed to product innovation and improvement. Therefore, specifications listed in this sell sheet may change without notice. ©2022 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved. All other marks are marks of their respective holders. ssoe22076 (NA_en) 07/2022

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