



# RECOMMENDED EQUIPMENT

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FOR **MITSUBISHI** WORKSHOPS

**John Bean**

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# \*V3300

## WORRY-FREE DIAGNOSTIC WHEEL ALIGNMENT SYSTEM

Work faster and smarter with the John Bean® V3300 Diagnostic Wheel Aligner.

The V3300 is a stand-alone wheel alignment system that utilizes advanced technology to guide technicians of all skill levels through the wheel alignment process. We've combined the fastest camera system ever offered by John Bean with advanced notification alerts and clever software flow to reduce alignment errors, as well as decrease overall alignment time. This means you can push more alignments through with fewer errors; drastically increasing your productivity and boosting your revenue. The V3300 is the ultimate in wheel-alignment technology.



\* U.S. OEM only

## KEY FEATURES

### Avoid Errors

The advanced notification system on the V3300 instantly recognizes any error made during the alignment process and allows technicians to instantly correct the error during the alignment operation procedure. From suspension stress to uneven rack surfaces and loose components; the V3300 eliminates alignment errors and speeds up the entire alignment process.

### Real-Time Support

Looking for real-time support? The V3300 goes beyond wheel alignment to offer critical, real-time data from OEM's such as repair information, TSBs, recalls, and TPMS reset procedures. This means less time searching for resources to get the job done right and more time pushing alignments through your shop.

### ADAS Integration

ADAS calibration is a consistent reality for modern shops that perform alignment procedures on their customer's vehicles. Performing ADAS calibration accurately can be a constant source of productivity issues due to the sheer variety of procedures and the ever-changing OEM calibration requirements. The V3300 makes this task easy with real-time information on vehicle-specific ADAS procedures. Combine the V3300 with the John Bean Tru-Point™ recalibration system for ultimate productivity.

### Fast Compensation and Optimized Alignment Flow

Streamline workflow with fast measurement compensation and an optimized alignment flow that enhances productivity by eliminating unnecessary steps in the alignment process.

## TECHNICAL SPECIFICATIONS

<b>Tire Diameter (AC400)</b>	19"-39"   48-99cm
<b>Wheel Diameter (AC200)</b>	12"-24"   30-61cm
<b>Track Width</b>	48"-96"   122-244cm
<b>Wheelbase</b>	79"-180"   201-457cm
<b>Power Supply</b>	110-240V 50/60Hz

# \*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

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

# \*B200S

## SEMI-AUTOMATIC WHEEL BALANCER

Designed to fit into a variety of shop sizes with a small footprint, the John Bean® B200S wheel balancer may be small in size but it gets the job done right.

Offering an easy-to-navigate interface and a raised monitor with color display, the B200S helps technicians quickly and accurately balance wheels. Productivity-enhancing features like smartSonar™ and easyALU™ allow users to measure wheels and quickly move through a balancing cycle. The EZ-Collets app gives technicians the assistance they need in finding the right tool for the job.

Small in size with useful features, the John Bean B200S wheel balancer helps you keep profitable wheel service where it belongs: in your shop.



\* U.S. OEM only

## KEY FEATURES

### smartSonar™

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

### Quick Nut Wheel Clamp

An easy-to-use manual clamping device that allows a secure attachment of the wheel to the balancer shaft.

### Semi-Automatic Data Entry

Hand-operated gauge arm with easyALU™ assisted rim data entry for diameter and distance. Touch the rim with the gauge arm to enter the rim dimensions and automatically select the weight balancing mode.

### 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.

## TECHNICAL SPECIFICATIONS

Max Wheel Diameter	42"   107cm
Max Wheel Weight	154 lbs.   70 kg
Power Supply	230V 50/60Hz
Dimensions HxWxL	72"x31"x40"   183x78x101cm

# \*T7700

## LEVERLESS TIRE CHANGER

Maximize shop productivity and work on a wide range of specialty, run-flat, low-profile, and high-performance tires with the John Bean® T7700 tire changer.

Changing tires on modern vehicles that utilize low-profile or run-flat tires can be a challenge for shops that are not properly equipped, due to the potential for wheel damage. The John Bean T7700 leverless tire changer provides a comprehensive set of tools that make changing a wide variety of tires quick and easy while minimizing the chance of wheel damage. Easily move tires into position with a pedal-operated wheel lift and secure the wheel with an innovative center post clamp that can accommodate a wide variety of wheels and tires. The Dynamic Bead Breaker system utilizes two synchronized disks that adjust with pneumatic precision to practically eliminate wheel damage and make short work of removing ultra-high-performance and run-flat tires. Our powerMONT™ tool makes mounting and demounting tires a snap. For high-volume and specialty shops, this is the ultimate productivity workhorse.

\* U.S. OEM only



## KEY FEATURES

### powerMONT™

Our leverless mounting and demounting tool synchronizes with the dynamic bead breaker location for optimum positioning. Featuring upgraded steel and plastic protection to ensure long-term operation, this innovative system is a perfect tool for RFT, UHP, OEM's and low-aspect-ratio tires.

### PROspeed™

The innovative self-adjusting technology provides the optimum torque and maximizes the rotation speed for safe, efficient operation.

### Dynamic Bead Breaker

The precisely controlled synchronized dual-disk system accurately positions both the upper and lower beads while minimizing the chance of wheel damage. Includes an adjustable tilt for tires with stiff sidewall.

### Control Panel

The color-coded control panel is simple to use with tool-matching operation controls.

## TECHNICAL SPECIFICATIONS

<b>Max Rim Diameter</b>	30"   76cm
<b>Max Tire Width</b>	15"   38cm
<b>Max Wheel Diameter</b>	47"   119cm
<b>Wheel Lift Capability</b>	154 lbs.   70 kg

<b>Power Supply</b>	230V 1ph 50-60Hz 16A
<b>Air Pressure Required</b>	116-174 PSI   8-12 bar
<b>Dimensions HxWxD</b>	75"x63"x78"   190x160x198cm



# \*T7100S

## CENTER POST SWING-ARM TIRE CHANGER

We've combined classic design with modern features to make it easy for technicians of all levels to quickly and safely change tires with the John Bean® T7100S tire changer.

Utilizing a traditional swing-arm style with a center post clamp design, the John Bean T7100S offers speed and precision for efficient tire changing operation. The on-floor hand-activated bead breaker shovel makes quick work of the toughest tires, while an integrated wheel lift helps reduce technician fatigue and increase productivity. The center post clamp with anti-rotational pin accommodates a wide range of wheel sizes and minimizes the chance of wheel damage, and the pneumatic bead assist enables efficient single-operator mounting and demounting of the upper bead. Our patented PROspeed™ technology monitors torque and optimizes the rotation speed to minimize the chance for tire damage throughout the operation.

For high-volume shops that need a tire changer with optimum technology, the T7100S is the machine for the job.



\* U.S. OEM only

## KEY FEATURES

### Center Post Clamp

The center-post clamp design has numerous benefits, most important is the drastically reduced risk of wheel damage and less clamping restriction than the turntable design.

### PROspeed™

The innovative self-adjusting technology provides the optimum torque and maximizes the rotation speed for safe, efficient operation.

### Pneumatic Wheel Lift

The pedal-operated pneumatic wheel lift assists in lifting heavy wheels to reduce technician fatigue and increase productivity.

### On-Floor Bead Breaker (Hand-Controlled)

Pneumatic assist control handle prevents shovel bounce-back with this on-floor bead breaker; the fastest solution for standard, soft sidewall, and high-aspect tires.

## TECHNICAL SPECIFICATIONS

<b>Max Rim Diameter</b>	30"   76cm
<b>Max Tire Width</b>	15"   38cm
<b>Max Wheel Diameter</b>	44"   112cm
<b>Wheel Lift Capability</b>	154 lbs.   70 kg

<b>Power Supply</b>	230V 1ph 50-60Hz 16A
<b>Air Pressure Required</b>	116-174 PSI   8-12 bar
<b>Dimensions HxWxD</b>	64"x62"x63"   163x157x160cm

# \*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

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

<b>Power Supply</b>	230V 1ph 50-60Hz 16A
<b>Air Pressure Required</b>	116-174 PSI   8-12 bar
<b>Dimensions HxWxD</b>	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 III-E

## SWING-ARM TIRE CHANGER

Looking to keep high-revenue tire business in house? Work faster without compromising safety or wheel protection with the John Bean® System III-E swing-arm tire changer.

If you regularly work on larger wheels and tires that are common on today's modern performance cars and SUVs, the John Bean System III-E swing-arm tire changer is a fantastic addition to your shop. The System III-E allows you to work on tires up to 15 inches in width and 42 inches in diameter, which covers a range of vehicles. An ergonomic, pedal-operated on-floor bead breaker allows technicians to work with tires all the way up to 15 inches wide with ease. Powered by twin cylinders, the 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 compact footprint - the System III-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.

### 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

<b>Max Rim Diameter</b>	24"   61cm
<b>Max Tire Width</b>	15"   38cm
<b>Max Wheel Diameter</b>	50"   127cm
<b>Wheel Lift Capability</b>	154 lbs.   70 kg

<b>Power Supply</b>	115V 1ph 60Hz 12A
<b>Air Pressure Required</b>	116-174 PSI   8-12 bar
<b>Dimensions HxWxD</b>	82"x49"x52"   208x124x132cm

# \*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 to 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

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

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

# \*12K SCISSOR

## SCISSOR ALIGNMENT LIFT

Built for shops that perform alignments day in and day out, the John Bean® 12k Scissor Lift offers durable construction with an open-front design for easy access to alignment service and calibration areas.

The John Bean 12k Scissor Lift is ready to meet the needs of shops that regularly perform alignment services. The lifting capacity can hoist up to 12,000 pounds with power from four heavy-duty cylinders, while the extra-wide 24-inch runways can easily accommodate larger vehicles. Hydraulic equalization and full-support integrated rear synchronization bar deliver repeatable smooth level lifting. Flush-mounted rear slip plates include heavy-duty encapsulated bearings to ease rear alignment adjustments. The approach ramps can be extended up to 87-inches for loading lower-profile vehicles and retract to 35 inches when not in use.

For alignment professionals who need power and productivity, the John Bean 12k Scissor Lift is the ideal tool for the job.



\* U.S. OEM only

## KEY FEATURES

### Retractable Ramps

Approach ramps expand to 87 inches to accommodate low-profile vehicles and retract to 35 inches to save space when not in use.

### Drive-Through Option

Equip your lift with an extra set of ramps that allow vehicles to exit from the front without resorting to backing up.

### Flush or Surface Mount

Maximize your available workspace with a flush-mount installation that can recess right into your shop floor when not in use.

### Integrated Rear Synchronization Bar

A robust, heavy-duty steel bar supports stable up and down movement during operation.

## TECHNICAL SPECIFICATIONS

<b>Lifting Capacity</b>	12,000 lbs.   5,443 kg
<b>Configuration</b>	Open Front
<b>Overall Width</b>	90"   229cm
<b>Overall Height</b>	70"   178cm

<b>Max Lifting Height</b>	70"   178cm
<b>Lifting Time</b>	95 seconds
<b>Power Requirements</b>	2HP 230V 1Ph 60 Hz 20A
<b>Air Supply Required</b>	90-140 PSI @ 5-10 CFM



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