



RECOMMENDED EQUIPMENT

FOR **TESLA** WORKSHOPS

JohnBean

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V2380

IMAGING DIAGNOSTIC WHEEL ALIGNMENT SYSTEM

The John Bean® V2380 wheel aligner combines a classic post and beam design with the ultimate productivity-boosting technology to give shop owners the edge they need to perform efficient wheel alignment services.

If your shop is looking to perform accurate alignment services at a fast pace, the John Bean V2380 is designed to get the job done with fast compensation and optimized alignment flow. Work quickly and accurately without slowing down critical alignment procedures by using our advanced notification system that instantly alerts the technician of suspension stress issues or other errors. Smart features like fast compensation and instant error notifications allow technicians to quickly move through optimized alignment steps. If technicians hit a snag while performing alignment services, Mitchell1® on-demand gives access to an extensive online, real-time database to work through nearly any alignment problem. Productivity boosting features like automatic camera tracking, EZ-Toe, and our exclusive AC400 wheel clamps help you drive more alignments through your shop.



KEY FEATURES

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.

Advanced Notification System

The advanced notification system provides critical information without slowing down the alignment process, automatically detecting and compensating suspension stress issues or environmental errors, only notifying the technician when necessary to provide additional information for corrective action.

Audit Mode

Quickly uncover extra service opportunities with alignment audit reports. This report includes measurement of track width, front and rear toe, camber, wheelbase, wheel diameter, and cross dimensions.

Auto Camera Tracking

Automatic camera tracking eliminates the need to readjust the camera after raising the lift, while a continuously calibrating third camera retains ultimate accuracy.

TECHNICAL SPECIFICATIONS

Tire Diameter (AC400)	19"-39" 48-99cm
Wheel Diameter (AC200)	12"-24" 30-61cm
Wheel Diameter (AC100)	11"-22" 28-56cm
Track Width	48"-96" 122-244cm
Wheelbase	79"-180" 201-457cm
Power Supply	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.



KEY FEATURES

Runout Measurements

Hundreds of thousands of measurement points are taken with a resolution of 0.004" (0.1mm) 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

B1200P

FULLY AUTOMATIC DIAGNOSTIC WHEEL BALANCER

Built with the ultimate precision to assist technicians looking for perfect wheel balancing, the B1200P from John Bean® is the ideal choice to boost productivity and revenue in your wheel service.

Working on modern vehicles requires the right equipment that can precisely diagnose weight and shape defects and indicate wheel vibration issues that can lead to customer dissatisfaction. The B1200P is a fully automatic machine that automatically detects rim diameter and offset distance and chooses the correct balancing mode, weight type, and placement without any manual interaction from a technician.

Features like easyWeight™ technology utilize laser-guided precision to show the exact location of optimal weight placement. Balance high-performance wheels with confidence and ensure a better appearance of the wheel with our Split Weight Mode that allows for accurate balancing of alloy rims while hiding the weights behind the spokes. Productivity-enhancing features like wheel measurement scanning, automatic spoke detection, and electromechanical Power Clamp™ provide pinpoint accuracy and efficiency.

The B1200P wheel balancer from John Bean is simple to operate and provides state-of-the-art diagnosis with unique attributes to make every wheel balancing job easier and more accurate than ever.



KEY FEATURES

Radial and Lateral Runout

Provide a complete diagnosis of the assembly uniformity and display the radial and lateral runout measurements from the first to the third harmonic, indicating wheel assembly possibilities and pinpointing balancing issues.

Automatic Spoke Detection

The laser scanner automatically detects the number and position of rim spokes for the system to indicate weight placement behind wheel spokes and allow for split weights.

easyWeight™

Take the guesswork out of weight placement; this pinpoint accurate system uses a laser to show the exact spot to place a weight to ensure precise balancing.

Power Clamp™

The electromechanical power clamping device always clamps the wheel accurately with a constant force and provides a reliable and consistent condition to assure accurate and repeatable measurements.

TECHNICAL SPECIFICATIONS

Max Wheel Diameter	42" 107cm
Max Wheel Weight	154 lbs. 70 kg
Power Supply	230V 50/60Hz
Dimensions HxWxL	75"x39"x53" 190x100x136cm

B800P

FULLY AUTOMATIC WHEEL BALANCER

Designed for high-volume shops that are looking for a fast, easy-to-use wheel balancing machine, the John Bean® B800P offers productivity-enhancing features that keep your shop on the fast track and help technicians of all skill levels to get the job done.

The B800P is fully automatic; requiring no manual data entry it automatically detects the number of spokes and selects the balancing mode. An easy-to-read touchscreen guides the technician through the entire balancing process and easyWeight™ technology utilizes laser-guided precision to show the exact location of optimal weight placement. Split Weight Mode allows for accurate balancing of alloy rims while hiding the weights behind the spokes and preserving the wheel's visual presentation. Our unique Power Clamp™ clamping system is effortless and always clamps the wheel accurately with a constant force and provides a reliable and consistent condition to ensure accurate, repeatable measurements and minimize chasing weight.

If you're looking for accuracy and productivity, the John Bean B800P is the wheel balancer for the job.



KEY FEATURES

Automatic Spoke Detection

The laser scanner automatically detects the number and position of rim spokes for the system to indicate weight placement behind wheel spokes and allow for split weights.

easyWeight™

Take the guesswork out of weight placement; this pinpoint accurate system uses a laser to show the exact spot to place a weight to ensure precise balancing.

Power Clamp™

The electromechanical power clamping device always clamps the wheel accurately with a constant force and provides a reliable and consistent condition to assure accurate and repeatable measurements.

Automatic Data Entry

No manual data entry is required; this machine automatically detects all the wheel dimensions and selects the balancing mode, weight type, and weight position to speed up the balancing cycle time and minimize operational errors.

TECHNICAL SPECIFICATIONS

Max Wheel Diameter	42" 107cm
Max Wheel Weight	154 lbs. 70 kg
Power Supply	230V 50/60Hz
Dimensions HxWxL	72"x34"x52" 183x87x131cm

B600P

SEMI-AUTOMATIC WHEEL BALANCER

The John Bean® B600P is a semi-automatic wheel balancing machine designed for high-volume shops that are looking for equipment that offers shorter cycle times while repeatedly delivering accurate wheel balancing.

Boost shop productivity with features like smartSonar™ automatic rim width detection and our effortless, accurate Power Clamp™ wheel-clamping system, which maintains a constant force throughout the entire process. Our laser-guided weight placement system, easyWeight™ will quickly indicate the exact location of the weights, avoiding misplacement and rework.

The B600P wheel balancer from John Bean is ideal for shops that are looking for equipment that is easy to operate and offers high levels of productivity, keeping shops operating at full capacity.



KEY FEATURES

smartSonar™

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

easyWeight™

Take the guesswork out of weight placement; this pinpoint accurate system uses a laser to show the exact spot to place a weight to ensure precise balancing.

Power Clamp™

The electromechanical power clamping device always clamps the wheel accurately with a constant force and provides a reliable and consistent condition to assure accurate and repeatable measurements.

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.

TECHNICAL SPECIFICATIONS

Max Wheel Diameter	42" 107cm
Max Wheel Weight	154 lbs. 70 kg
Power Supply	230V 50/60Hz
Dimensions HxWxL	72"x34"x52" 183x87x131cm

B500L

SEMI-AUTOMATIC WHEEL BALANCER

Keep your shop operating at full speed with the digital semi-automatic John Bean® B500L wheel balancing machine.

The B500L was designed with productivity-enhancing features like smartSonar™ automatic rim width detection and easyWeight™ laser technology which optimises the balancing process by indicating the exact location for perfect weight placement. An ergonomic raised digital display provides convenient viewing of the readings.

The B500L wheel balancer from John Bean is ideal for shops that are looking for easy-to-operate equipment that can grow profit by increasing productivity in every balancing cycle.

Optional Accessories:

FP 5.2 Flange (4028201)

9 Collet Set (EAK0315G93A)



KEY FEATURES

smartSonar™

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

easyWeight™

Take the guesswork out of weight placement; this pinpoint accurate system uses a laser to show the exact spot to place a weight to ensure precise balancing.

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.

TECHNICAL SPECIFICATIONS

Max Wheel Diameter	42" 107cm
Max Wheel Weight	154 lbs. 70 kg
Power Supply	230V 50/60Hz
Dimensions HxWxL	72"x34"x52" 183x87x131cm

T7800G

LEVERLESS ALL-IN-ONE TYRE CHANGER

Increase productivity and reduce technician fatigue with the T7800G all-in-one tyre changing system from the experts at John Bean®.

Technology and productivity intersect on the John Bean T7800G tyre changing system. The experts at John Bean have created a machine with advanced features that allow technicians to mount and demount tyres at a stunning pace with minimal fatigue and reduced chance of wheel damage. The centre post design utilises our quickLOK™ powerful electromechanical clamping system to effortlessly and automatically clamp the wheel. The Optimum Bead Breaker System makes short work of breaking beads while minimising potential wheel damage, even on UHP and run-flat tyres. We've included helpful tools like a color-coded control panel, PROspeed™ technology, and ergonomic features to make your technician's job as easy as possible.



KEY FEATURES

powerMONT™

Our leverless mounting and demounting tool synchronises 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 tyres.

quickLOK™

A powerful, electromechanical device that firmly clamps onto a variety of wheels without the need for wheel protection.

PROspeed™

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

Optimum Bead Breaker System

Bead-breaking tools for the most optimised solution:

Dynamic Bead Breaker: The precisely controlled synchronised dual-disk system accurately positions both the upper and lower beads while minimising the chance of wheel damage. Includes an adjustable tilt for tyres with stiff sidewall.

On-Floor Bead Breaker: Traditional side-shovel bead breaker with ergonomic pedal-control positioned away from the shovel; the fastest solution for standard, soft sidewall, and high-aspect tyres.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	30" 76cm
Max Tyre Width	15" 38cm
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	75"x63"x78" 190x160x198cm

T7700B

LEVERLESS TYRE CHANGER

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

Changing tyres on modern vehicles that utilize low-profile or run-flat tyres can be a challenge for shops that are not properly equipped, due to the potential for wheel damage. The John Bean T7700 leverless tyre changer provides a comprehensive set of tools that make changing a wide variety of tyres quick and easy while minimizing the chance of wheel damage. Secure the wheel with an innovative center post clamp that can accommodate a wide variety of wheels and tyres. 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 tyres. Our powerMONT™ tool makes mounting and demounting tyres a snap. For high-volume and specialty shops, this is the ultimate productivity workhorse.



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 tyres.

PROspeed™

The innovative self-adjusting technology provides the optimum torque and maximises 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 minimising the chance of wheel damage. Includes an adjustable tilt for tyres with stiff sidewall.

Pneumatic Bead Pusher

The Pneumatic Bead Pusher assists in the mounting process of the upper bead. Its dual-purpose design offers a reverse-side hook to help lift heavy tyres.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	30" 76cm
Max Tyre Width	15" 38cm
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	75"x63"x78" 190x160x198cm

T5545 2S

TILT-TOWER TYRE CHANGER

Boost productivity with features that allow technicians to get more work done in less time; the John Bean® T5545 2S is the ideal mix of design and innovation.

Designed around a low-profile cabinet that allows technicians to work on a wide variety of tyres, the John Bean T5545 2S makes it easier than ever to load heavy tyres. Quickly break beads on all tyre types with the ergonomically located pedal-controlled on-floor bead breaker. Proven tilt-tower design provides maximum clearance, while the exclusive PROspeed™ system automatically measures torque and manages speed during crucial tyre-changing operations. Mounting and demounting is quick and seamless with our pneumatic bead assist system that includes a three-piece design for simple single-operator use.

Self-centring jaws with three manual adjustment positions securely clamp the wheel with the proper setup range. To keep everything needed on hand to get the job done right, the T5545 2S includes a toolbox with an integrated pressure gauge and four shelves for easy storage of tools and accessories.

The T5545 2S tyre changer is ready to boost your shop's productivity day after day.



KEY FEATURES

Tilt-Tower

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

Low-Profile Cabinet

The lower cabinet height provides increased ergonomics when working with large wheels; the operator handles the bead lever at a lower height and is able to apply more force, reducing effort handling heavy tyres. The lower cabinet also makes it possible to increase the tyre changer capacity to 15-inch tyres instead of the 13-inch tyre width on a standard cabinet.

PROspeed™

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

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 tyres.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	24" 61cm	Power Supply	230V 1ph 50-60Hz 16A
Max Tyre Width	15" 38cm	Air Pressure Required	116-174 PSI 8-12 bar
Max Wheel Diameter	39" 100cm	Dimensions HxWxD	64"x66"x76" 162x169x192cm
Wheel Lift Capability	154 lbs. 70 kg		

*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

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

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

JLT 4500 T

TWO-POST AUTOMOTIVE LIFT

The John Bean® JLT 4500 Two-Post Lift provides versatility and convenience for service and repairs on vehicles up to 4,500 kilograms. This two-post lift is equipped with Versymmetric® technology to combine symmetric and asymmetric lift adjustments into one piece of equipment, bringing flexibility to any service bay and maximizing efficiency and shop space.

The JLT 4500 ensures the safe lifting of a wide range of vehicles, from passenger cars to light commercial trucks. And Versymmetric technology gives you the freedom to service all of these vehicles from the same service bay.



KEY FEATURES

Three-stage Arms

Front and rear three-stage arms always allow perfect access to the pick-up points of the vehicle.

Versymmetric® Technology

Combining the advantages of an asymmetric and symmetric lift, Versymmetric Technology improves ergonomics when placing the arms to lift the car.

Carriage Clearance

The lifting carriage has a rugged design with integrated grease fitting and optimal door clearance with a rubber guard on the carriage to protect the car door.

Flexible Installation

The lift is available in two versions for your choice of height: low and high.

TECHNICAL SPECIFICATIONS

Lifting Capacity	10,000 lbs. 4,536 kg	Max Lifting Height	77.5" 197cm
Configuration	Versymmetric®	Lifting Time	30 seconds
Overall Width	142" 360cm	Power Requirements	400-415V 50Hz 3Ph
Overall Height	181"-195" 460-495cm		

JLT 3500 S

TWO-POST AUTOMOTIVE LIFT

The John Bean® JLT 3500 Two-Post Lift provides versatility and convenience for service and repairs on vehicles up to 3,500 kilograms. This two-post lift is equipped with Versymmetric® technology to combine symmetric and asymmetric lift adjustments into one piece of equipment, bringing flexibility to any service bay and maximizing efficiency and shop space.

The JLT 3500 ensures the safe lifting of a wide range of vehicles, from passenger cars to SUVs and transporters with a standard roof height. And Versymmetric technology gives you the freedom to service all of these vehicles from the same service bay.



KEY FEATURES

Three-stage Arms

Front and rear three-stage arms always allow perfect access to the pick-up points of the vehicle.

Versymmetric® Technology

Combining the advantages of an asymmetric and symmetric lift, Versymmetric Technology improves ergonomics when placing the arms to lift the car.

Carriage Clearance

The lifting carriage has a rugged design with integrated grease fitting and optimal door clearance with a rubber guard on the carriage to protect the car door.

Shut-off Bar

The safety shut-off bar prevents damage to the top of a vehicle, immediately stopping the lift when it is touched.

TECHNICAL SPECIFICATIONS

Lifting Capacity	10,000 lbs. 4,536 kg	Max Lifting Height	77.5" 197cm
Configuration	Versymmetric®	Lifting Time	30 seconds
Overall Width	134" 341cm	Power Requirements	400-415V 50Hz 3Ph
Overall Height	154" 390cm		



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. ssoe22077 (WW_en) 07/2022

