



RECOMMENDED EQUIPMENT

FOR KIA WORKSHOPS

John Bean

WHEEL ALIGNERS

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TRU-POINT™

*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

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

*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.

* U.S. OEM only



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
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.

* 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

*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.



* U.S. OEM only

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

*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

Max Rim Diameter	30" 76cm
Max Tire 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

*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 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

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

*18K 4-POST

FOUR-POST ALIGNMENT LIFT

The John Bean® 18k Four-Post Lift provides reliable and consistent heavy-duty lifting for alignment services, utilizing practical features without compromising safety or productivity.

Built for the toughest alignment jobs, the John Bean 18k Four-Post Lift provides 18,000 pounds of lifting power, combined with features that allow easy alignment and optimal operator safety. High-strength construction components such as built-in anti-sway technology and patented dura-glide lifting system ensure long-term dependability.

To ensure that safety is paramount on our 18k Four-Post Alignment Lift, John Bean has included a comprehensive Triple Safety System that sets the industry standard for heavy-duty lifts. The 18k Four-Post Lift is the ultimate in heavy-duty capability and precision.



* U.S. OEM only

KEY FEATURES

High-Capacity Lifting

Powerful hydraulic components allow technicians to work on vehicles that range from a compact sedan to some of the most oversized and heaviest vehicles on the road with a single lift.

Longer Decks

Longer, pro-style runways allow for work on long-wheelbase vehicles.

Form-Integrated Deck & Jack Rail

The form-integrated deck and jack rail, built with industry-proven design and technology, provide stability and minimal shake during alignment procedures.

Anti-Sway System

Minimize alignment errors and reduce overall alignment times with a built-in anti-sway system that prevents unstable movement during raising, lowering and alignment procedures.

TECHNICAL SPECIFICATIONS

Lifting Capacity	18,000 lbs. 8,165 kg
Configuration	Closed Front
Overall Width	152" 386cm
Overall Height	97" 246cm

Max Lifting Height	72" 183cm
Lifting Time	70 seconds
Power Requirements	3HP 208-230V 60 Hz 1Ph 30A
Air Supply Required	90-120 PSI 6-8 BAR

*14K SCISSOR

SCISSOR ALIGNMENT LIFT

For shops that regularly perform alignment services on a wide variety of vehicles, the John Bean® 14k Scissor Lift represents the ultimate in safety and precision.

Each feature on the John Bean 14k Scissor Lift helps to make the process of aligning vehicles more efficient, precise, and safer. Safety is a top priority for John Bean; the 14k Scissor Lift utilizes features like mechanical locking with a pneumatic safety lock, flow sensing valves, and a redundant hydraulic safety system. A 14,000-pound lifting capacity powered by four hydraulic cylinders gives the power to hoist up everything from a passenger vehicle to a heavy-duty truck.

The Locked & Lighted model provides additional productivity features to make the 14k Scissor Lift the ultimate tool for any alignment job. Our low-maintenance rear slip plates contain an encapsulated bearing system that minimizes the entry of debris. The approach ramps with end sliders minimize costly floor damage while reducing noise in the shop.

The John Bean 14k Scissor Lift is a space-saving alignment lift ready to serve your shop's alignment needs.



* U.S. OEM only

KEY FEATURES

Locked & Lighted

Locked & Lighted models provide enhanced performance allowing the technician to perform critical tasks while minimizing alignment process operations by illuminating inspection and adjustment areas and sequencing the locking of alignment plates.

Open Front and Rear Construction

Perform alignment and inspection services quickly and accurately and reduce technician fatigue with our open front and rear construction design. This productivity-boosting design allows technicians to enter the front or rear of the vehicle without stooping down to get under the lift structure.

Low-Profile Rolling Jacks

This jack can collapse and retract inside the runways to provide the best possible options for our premium alignment lifts. Jack incorporates a proven and robust roller system with a 0.5-inch diameter roller shaft to carry the jack load and high-quality springs to allow the jack to settle on the rail. The arm pads are durable urethane with a steel lip.

Ultra-Wide Runways

Precisely perform alignment procedures on wide wheelbase vehicles with our 26-inch, pro-style runways.

TECHNICAL SPECIFICATIONS

Lifting Capacity	14,000 lbs. 6,350 kg
Configuration	Open Front and Rear
Overall Width	93" 235cm
Overall Height	72" 183cm

Max Lifting Height	Surface Mount: 72" 183cm Flush Mount: 63" 160cm
Lifting Time	85 seconds
Power Requirements	2HP 230V 1Ph 60 Hz 20A
Air Supply Required	90-140 PSI @ 5-10 CFM

TRU-POINT™

ADAS CALIBRATION

Tru-Point™ uses highly accurate, advanced camera technology, targets, and top-of-the-line software to quickly uncover any alignment problems a vehicle might have, so you can perform a perfect ADAS calibration.

Tru-Point™ streamlines the process from beginning to end with simple, real-time, and interactive visual indicators, eliminating the need for manual measurements or complicated guide references. Our intuitive, ergonomic controls are enhanced by the on-screen indicators to easily and precisely position the system to meet OEM requirements.



KEY FEATURES

OEM Compliant

Tru-Point™ was specially designed to enhance the productivity of ADAS calibration procedures, and to increase confidence that the process is done in compliance with OEM recommended guidelines.

Precise Target Placement

A simple color-coded system allows you to easily identify the exact location for target placement transitioning from red to green.

Validation Report

Tru-Point™ validates the vehicle's alignment, target placement, and compliance with OEM specifications.

THRUST LINE / CENTERLINE
DISTANCE FROM VEHICLE
TARGET ROTATION
TARGET POSITION
TARGET HEIGHT
RIDE HEIGHT
ALIGNMENT
STEERING ANGLE

Floor Compensation (Level Floor Not Required)

While most systems function by referencing the height of the vehicle from the shop floor, our system measures the height of the targets from the tire contact patch of all four wheels, allowing the vehicle to be calibrated anywhere in the shop; even on an alignment rack.

TECHNICAL SPECIFICATIONS

Tire Size (AC400)	19"-39" 48-99cm
Arms Extended (HxWxD)	82"x113"x30" 208x287x76cm
Arms Folded (HxWxD)	82"x53"x30" 208x135x76cm
Equipment Weight	376 lbs. 171 kg
Shipping Weight	512 lbs. 232 kg
Power Requirements	100-240V
Display	24" TFT



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. ©2024 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. ssoe22069a (NA_en) 11/2024

