



RECOMMENDED EQUIPMENT

FOR
MERCEDES-AMG | MERCEDES-BENZ | MERCEDES-MAYBACH | SMART
WORKSHOPS

John Bean

WHEEL ALIGNERS

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V3400 MB1

WIRELESS DRIVE-THROUGH WHEEL ALIGNMENT SYSTEM

If you're looking for the ultimate in precision with a high degree of mobility and installation flexibility, look no further than the John Bean® V3400 wheel alignment machine.

The V3400 MB1 utilizes a drive-through design with fully wireless Bluetooth® connected camera towers for easy installation in various bay types, especially when paired with the optional mobility kit.

Automatic camera tracking eliminates the need to readjust the camera after raising the lift, while a continuously calibrating third camera retains ultimate accuracy. Each step in the alignment procedure has been carefully designed to provide the ultimate precision for every adjustment. Our advanced software features enable technicians to perform specialized vehicle measurements such as scrub radius, caster trail, pro-Ackerman, and more, making the V3400 MB1 ideal for top-tier precision and convenience in wheel alignment.



KEY FEATURES

Drive-Through Design

The dual-tower design can accommodate larger-width vehicles by allowing the technician to position the towers apart at optimal distances. This also leaves space at the front of the vehicle to perform other tasks such as ADAS recalibration.

Mobility Kit

The optional mobility kit allows for easy relocation of the XD camera alignment towers within the shop, giving the ability to move between bays or out of the way, as needed.

OEM Procedures

The software provides the recommended procedures defined by the manufacturer and indicates the correct clamps for an accurate OEM-specified wheel alignment.

Automatic Camera Tracking

Cameras move automatically up and down following the targets, eliminating manual adjustments of the camera beam.

TECHNICAL SPECIFICATIONS

Wheel Diameter (AC700)	US 12"-24" 30-61cm EU 11"-22" 28-56cm
Track Width	48"-96" 122-244cm
Wheelbase	79"-180" 201-457cm
Power Supply	110-240V 50/60Hz

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

B340L

SEMI-AUTOMATIC INTEGRATED TOUCHSCREEN WHEEL BALANCER

The John Bean® B340L wheel balancer combines a user-friendly interface and productivity-enhancing features to help high-volume shops get more jobs done in less time.

Minimising workflow disruptions and maximising productivity is challenging for high-volume tyre shops, but the B340L is up to the task. This unique system features an integrated weight tray and ergonomic touchscreen monitor with an easy-to-operate user interface. The software allows for two user configurations, so technicians can take turns while balancing different wheels sets. Features like smartSonar™, easyWeight™, and easyALU™ allow users to move through the wheel balancing process with increased speed and with the highest level of accuracy.

The B340L wheel balancer from John Bean is the perfect addition to shops looking for premium balancing results to increase wheel service profitability.



KEY FEATURES

Integrated Touchscreen Monitor

This unique design combines the monitor with the weight tray for increased ergonomics and a more convenient wheel balancing operation.

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.

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.

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

QUADRIGA 1000 BB

AUTOMATIC TYRE CHANGER

Are you looking for the utmost combination in accuracy, safety, and automation for changing tyres? The Quadriga 1000 BB is an automatic tyre changer that includes the best technology to achieve maximum results with minimum effort.

The challenges in tyre service have been increasing consistently and new tyre technologies require improved mounting/demounting skills and procedures to manage complex and heavier wheels. The Quadriga 1000 BB was developed to tackle every challenge while maintaining the technician's complete control of the process. Its automatic procedures offer an effortless and safe tyre changing operation on virtually any wheel without compromising accuracy.

The system automatically measures the tyre diameter using laser technology. It precisely profiles the wheel and positions the tyre for hydraulically-driven dual bead breaking while precise motor controls remove the tyre from the wheel.

With five different operation programmes, shops can customise the mounting and demounting procedures according to their needs by choosing from a fully manual, semi-automatic or fully automatic mode for UHP, run-flat, soft or hard sidewalls. A wheel lift makes the job even easier by reducing risk of wheel damage, technician fatigue, and the opportunity for injury.

Keep your shop operating with speed and precision using the Quadriga 1000 BB, the best addition for professional shops looking for premium wheel service.



KEY FEATURES

Automatic Mounting/Demounting Cycle

Facilitates all mounting and demounting operations by automating the operation for virtually any tyre.

Wheel and Tyre Laser Profiling

Automatic laser measurement of the wheel edge assures precise tool positioning to speed tyre removal and installation, reducing the opportunity for damage.

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.

Leverless Tool

Premium leverless mounting and demounting tool featuring upgraded steel and added wheel protection. This device makes mounting and demounting even the most difficult tyres quick and easy.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	30" 76cm
Max Tyre 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	88"x73"x51" 224x185x135cm

T7800S

LEVERLESS ALL-IN-ONE TYRE CHANGER

Increase productivity and reduce technician fatigue with the T7800s all-in-one tyre changing system from the experts at John Bean®.

Technology and productivity intersect on the John Bean T7800s 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 maximizes the rotation speed for safe, efficient operation.

Optimum Bead Breaker System

Bead-breaking tools for the most optimized solution:

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.

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 tires.

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

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 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 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

T5545B 2S PLUS

TILT-TOWER TYRE CHANGER

Boost productivity with features that allow technicians to get more work done in less time; the John Bean® T5545B 2S Plus 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 T5545B 2S Plus 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, while a top-side bead seater quickly sets the bead with a blast of compressed air. To keep everything needed on hand to get the job done right, the T5545B 2S Plus includes a toolbox with an integrated pressure gauge and four shelves for easy storage of tools and accessories.

Certified by WDK, the T5545B 2S Plus 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.

"Plus" Configuration

Certified by WDK, the "Plus" models are equipped with Pneumatic Bead Assist and the "Plus" Accessories Kit to enable the correct mounting and demounting of UHP and run-flat tyres.

"Plus" Accessories Kit

The "Plus" Accessories Kit upgrades the features of the tyre changer to fulfill WDK certification. It consists of a plastic bead breaker disk for the pneumatic bead assist, rod with tapered roll, plastic tyre protector, triangular bead pusher, spacers, plastic protector for bead breaker blade, smart bead spacer, and a bead clamp.

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.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	24" 61cm
Max Tyre Width	15" 38cm
Max Wheel Diameter	39" 100cm
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	64"x66"x76" 162x169x192cm

T5345B 2S PLUS

TILT-TOWER TYRE CHANGER

Loaded with productivity-enhancing features packed into a well-known design, the John Bean® T5345B 2S Plus is ideal for high-volume shops.

The tilt-tower design makes it easy to load tyres onto the work table and the pneumatic vertical arm provides quick and efficient positioning of the mounting head. Our exclusive PROspeed™ technology ensures that the optimum wheel speed is maintained during operation, while the ergonomically positioned, pedal-operated on-floor bead breaker makes quick work of breaking beads on high-aspect tyres. Our Pneumatic Bead Assist utilises a three-piece design that allows technicians to easily mount and demount challenging low-profile tyres.

The T5345B 2S Plus utilises self-centring jaws with three manual adjustment positions that securely clamp the wheel with the proper setup range. Our nylon-covered accessory protection minimises damages to wheels. The helpful, hand-held top-side bead seater provides ergonomic operation and maximum effectiveness. For day-to-day operational convenience, the T5345B 2S Plus also includes a handy toolbox with an integrated pressure gauge and four convenient shelves to store tools and accessories.

Certified by WDK, the T5345B 2S Plus is a workhorse tyre changer that's ready to become a key part of your shop's daily workflow.

VERSION:

T5345 2S Plus does not include a bead seater



KEY FEATURES

Tilt-Tower

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

"Plus" Configuration

Certified by WDK, the "Plus" models are equipped with Pneumatic Bead Assist and the "Plus" Accessories Kit to enable the correct mounting and demounting of UHP and run-flat tyres.

"Plus" Accessories Kit

The "Plus" Accessories Kit upgrades the features of the tyre changer to fulfill WDK certification. It consists of a plastic bead breaker disk for the pneumatic bead assist, rod with tapered roll, plastic tyre protector, triangular bead pusher, spacers, plastic protector for bead breaker blade, smart bead spacer, and a bead clamp.

PROspeed™

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

TECHNICAL SPECIFICATIONS

Max Rim Diameter	24" 61cm
Max Tyre Width	13" 33cm
Max Wheel Diameter	39" 100cm
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	64"x66"x49" 162x169x126cm



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