



DISCOVER THE PERFECT COMBINATION OF
TECHNOLOGY AND SIMPLICITY

INTRODUCING THE **V-SERIES** WHEEL ALIGNMENT
SYSTEMS

JohnBean™

Enter the world of one of the leading garage equipment brands.

DISCOVER OUR HISTORY:

1904	John Bean Spray Pump Company is founded
1925	Design of the first mechanical alignment machine
1934	Introduction of the first dynamic wheel balancer
1947	Launch of the Visualiner, the first optical wheel aligner in the world
1987	The model 9909 is the first alignment machine with built-in training systems
1996	Snap-on Corporation acquires the automotive equipment division renames it John Bean
2008	Launch of the first aligner with PRISM technology
2016	Launch of V1200, the first aligner with live error checking system
2019	Introduction of V2280 aligner system, with reduced time for runout and caster procedures

MISSION

Your Success is our Goal.

We develop new technologies and innovative solutions for you to increase productivity and ROI.

CHOOSE US FOR:

- HIGH SPEED PERFORMANCE
- COMPLETE PRODUCT RANGE
- HIGH PRODUCTIVITY
- EASE OF USE
- ROBUSTNESS



JOHN BEAN ACADEMY

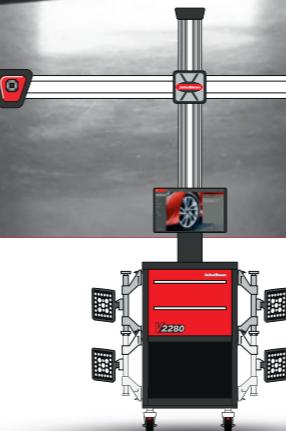
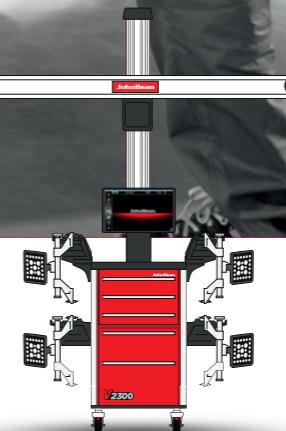
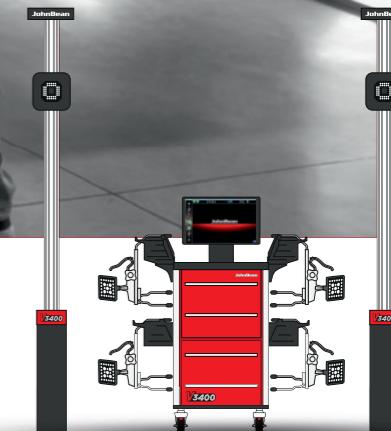
We care for your business development. Improve your mechanics knowledge with John Bean trainings, delivered through a professional and customized learning system aiming to improve the quality, safety and profitability of your workshop.



Snap-on Total Shop Solutions offers a wide range of garage equipment solutions for workshops, garages, car dealers and tyre shops, thanks to the specific solutions provided by its portfolio of premium brands.

DISCOVER OUR RANGE

JohnBean™

**V1100****V1200****V2100****V2260/2280****V2300****V3400**

ON LIFT / VEHICLE

Small, flexible and easy set-up for limited space workshops.

TRADITIONAL CROSS

The traditional and flexible alignment system with unmatched accuracy and user friendly features made to

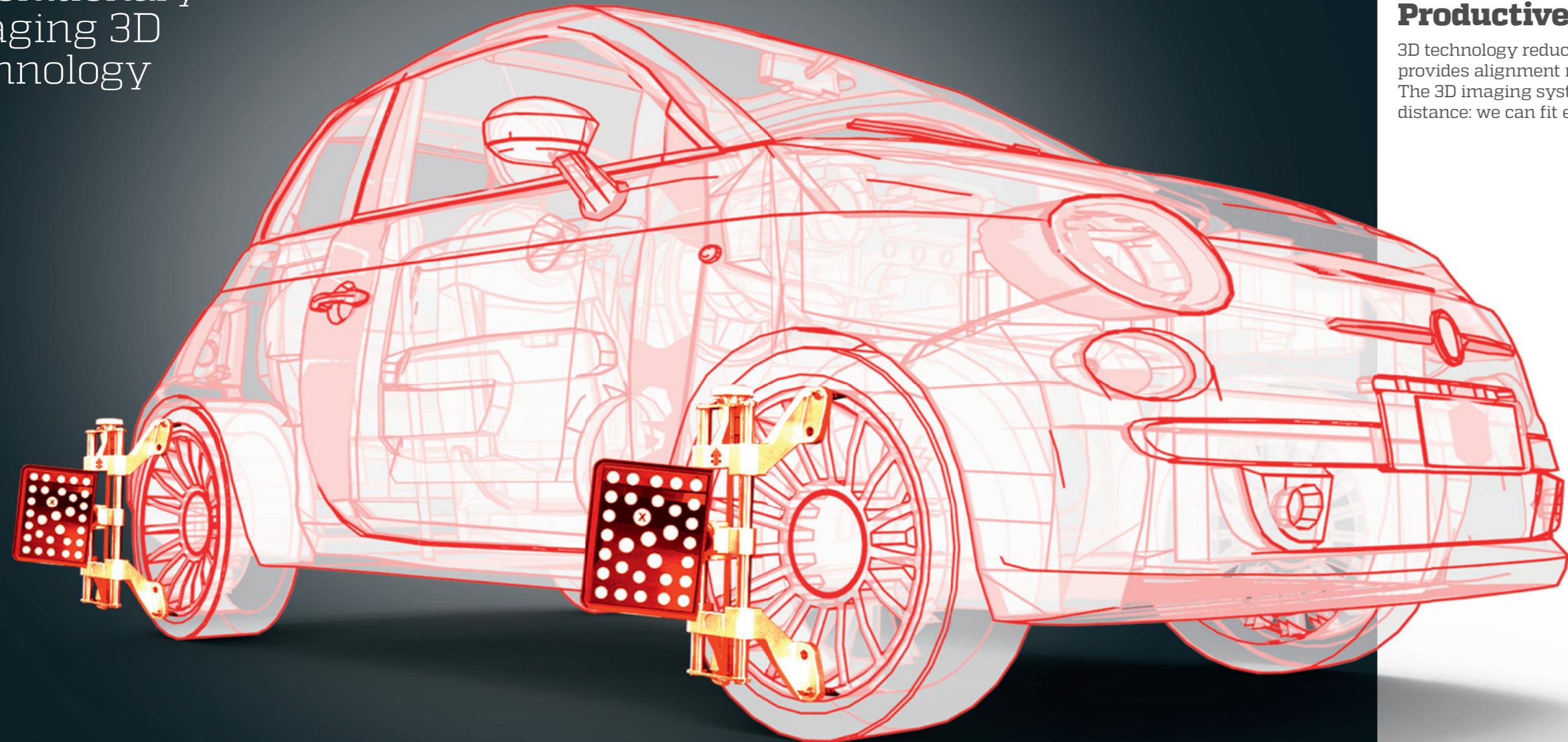
provide improved productivity and support your everyday alignment needs.

DRIVE THROUGH

The Original John Bean three cameras live calibration for a complete no-wires drive through alignment experience.

IMAGING 3D TECHNOLOGY

Become an alignment legend with a revolutionary imaging 3D technology



IMPROVE YOUR JOB'S PROFITABILITY AND DISCOVER A WHOLE RANGE OF ALIGNERS THAT BENEFITS FROM THE BEST 3D IMAGING INNOVATIVE SYSTEM ON THE MARKET.

Simple yet accurate:

Our 3D alignment system measures the vehicles' alignment in a 3 dimensional space delivering absolutely accurate data. The alignment process flows automatically while you can focus on data input avoiding the risk of human errors.

Productive and flexible:

3D technology reduces your processing times and provides alignment readings in a few minutes. The 3D imaging system has the shortest positioning distance: we can fit even the smallest workshop.

TWO SOFTWARES,

a whole range of possibilities: discover our PRO42 and the NextGen alignment software solutions!

PRO42

The high-resolution ICON based software program

NextGen

The Next generation at your service.

SILVER

- 32 Languages
- User login
- Integrated Operation Help
- Multiple Units of Measure
- Drive on Aid
- **Vehicle Specifications (35+ years)**
- Ride Height Specifications
- Custom Vehicle Specifications
- Advanced Customer Database
- Customizable Inspections & Reports
- Customizable Alignment Wizards
- 2-wheels Alignment
- VODI™ - Vehicle Orientation Directional Indicator
- Vehicle Dimensions
- Live Thrust Angle
- Live Caster, Camber & Toe - Turntables
- Live Caster, Camber & Toe - Elevated
- Toe Out on Turns and Max. Turn
- Caster & SAI - Turntables
- Caster & SAI - Elevated
- Alignment Reading Zoom
- Steering Angle Reset Instruction
- **3-D Animation Help**
- **EZ-Toe**
- A-Arm Adjust
- Live Cradle Adjustment
- Drag Link Adjustment
- Single Tie Rod Adjustment
- **Custom Live Reporting**
- Multiple Printout Formats

GOLD

- Variable Height Camera
- OEM Procedures
- Live Vehicle Dimensions
- **Advanced Vehicle Dimensions**
- Cross Diagonals
- Rolling Radius
- **Wheels Off (EZ-Access)**
- Toe Curve Measurement Software
- TIP (Automatic Ride Height Measurement)
- Romess Inclinometer

PLATINUM

- Automatic Lift Tracking
- **Quick Align Check**
- Advanced Ride Height Entry
- Steering Asymmetry with Diagnostics
- **Advanced Measurements**
- ProAckermann
- Scrub Radius, Caster Trail and SAI
- Vehicle Sensitive Alignment

V12

- 40+ Languages
- Integrated Operation Help
- Multiple Units of Measure
- **Vehicle Specifications (35+ years)**
- Ride Height Specifications
- Custom Vehicle Specifications
- Advanced Customer Database
- VODI™ - Vehicle Orientation Directional Indicator
- **3-D Animation Help**
- **EZ-Toe**
- A-Arm Adjust
- Live Cradle Adjustment
- Drag Link Adjustment
- Single Tie Rod Adjustment
- **Custom Live Reporting**
- Multiple Printout Formats
- Live Vehicle Dimensions
- Romess Inclinometer
- Remote Display Support
- ADAS Documentation
- Network Updates for Sw and Specs
- Compensate/Warn/Alert
- Vehicle History
- Fast Rolling Compensation and Caster
- Undercar Repair Information
- Elevated Alignment Adjustment
- Save Print Reports to Cloud

V21

- Non-stop compensation
- 2-wheels Alignment
- **Wheels Off (EZ-Access)**
- Camera Tilt Mount
- TIP (Automatic Ride Height Measurement)

V22

- Automatic Lift Tracking (on V2280)
- **Advanced Vehicle Dimensions**
- Cross Diagonals
- Rolling Radius

FEATURES SOFTWARE

EZ-TOE



Reach the most difficult adjustments points while still displaying center-toe readings.

3-D Animation Help



Let us guide your work step by step with our how-to videos, straight from the aligner monitor.

Vehicle Specs Database



Perform a fast vehicle selection and get all the specifications to do the job.

Custom Live Reporting



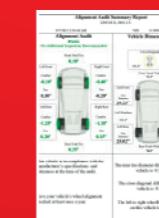
Push your customer satisfaction with accurate live reports just a few seconds after the alignment operations.



Wheels Off



Remove the wheel and attach the target directly to a brake rotor for easier access to adjustment.



Quick Align Check

Quickly identifies if a car needs alignment. It shows dimensions and alignment on one simple print-out, perfect for collaboration with body shops.

Advanced Dimensions



Chassis data as diagonals, track width and wheelbase indicates collision damage. Rolling radius measurement and tyre size mismatch are common contributors to handling problems. If the side-to-side or front-to-back offset varies more than the selected tolerance, an indicator will turn red showing where the deviation is.

Advanced Measurements



Measurements designed for advanced suspension troubleshooting and modified suspensions. Includes advanced ride height entry, ProAckermann, graphical caster trail, scrub radius and SAI.

CLAMPING SYSTEM

Choose the clamping system that suits your necessities



AC400

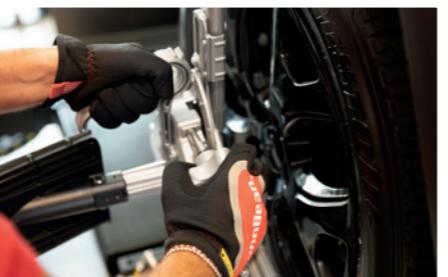
Clamp made fast, safe and easy



Fits a full range of tyres with no adaptors



Grab the tyre not the rim



Single fast-action knob for easy clamping

AC100

- Fits 11" - 22" rims range
- Light and easy to handle
- Reliable and robust technology
- Two-sided claws allow clamping over hub caps without removal



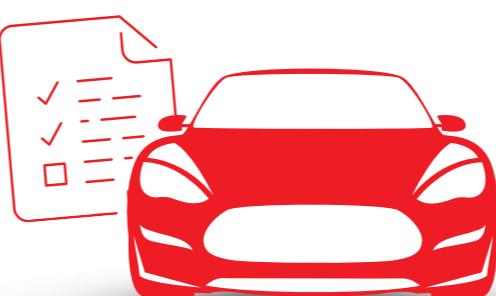
AUTOMATIC LIFT TRACKING

We use the most advanced camera system



Cameras follow the height of the vehicle avoiding the need of adjusting the aligner while moving the lift. Alignment readings are ready in less than two minutes!

OEM PROCEDURES



Manufacturer procedures

Straight from the manufacturer. Ensure your clients a fast and secure service by perfectly knowing their cars specifications with the OEM procedures defined and suggested by the main vehicle manufacturer companies.

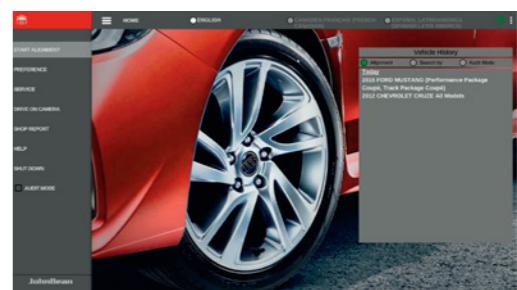
HUMAN ERROR COMPENSATION

Compensate, Warn & Alert

Avoid human errors with the rapid and reliable system for problems and damage detection:

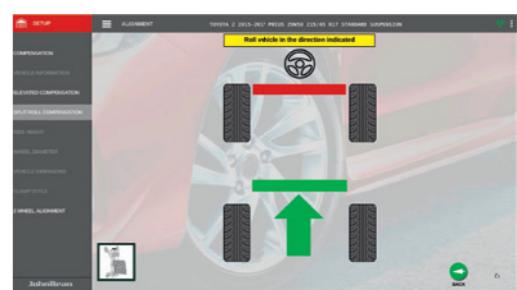
Intelligent and predictive alignment workflow

- Compensate small errors without notification
- Warn and adjust medium errors
- Alert critical errors and display corrective actions



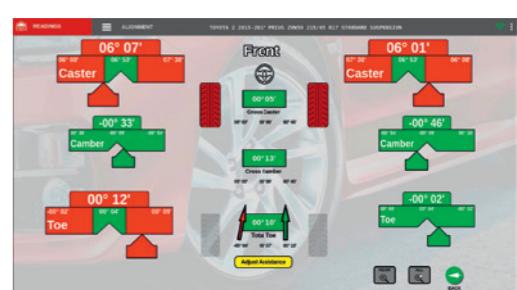
01

SELECT VEHICLE



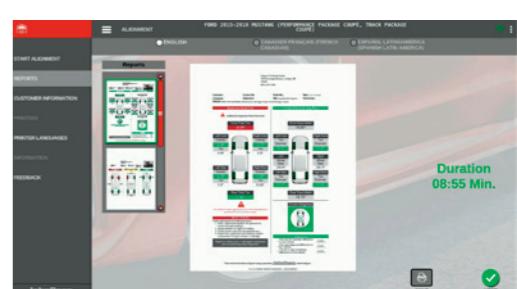
02

ROLL THE CAR



03

ADJUST



04

PRINT REPORT

THE RIGHT SOLUTION FOR YOU

Follow our decision guide and explore the best alignment solutions to fit your needs

FIND

01

DRIVE THROUGH ALIGNERS

A complete no-wires drive through alignment experience with our original three camera system.

02

TRADITIONAL CROSS ALIGNERS

Traditional and flexible alignment systems for improved productivity.

03

ON LIFT/VEHICLE ALIGNERS

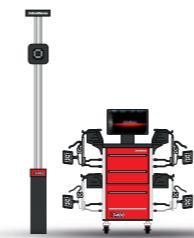
Small and easy for limited space workshops.

COMPARE

EXPLORE

WHEEL ALIGNERS COMPARISON

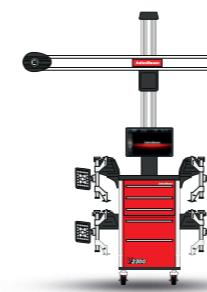
01 DRIVE THROUGH ALIGNERS



Software Activation	Clamping system	Automatic lift tracking	Human error compensation	OEM Procedures
V3400 PRO 42 PLATINUM	AC100 AC400	YES	NO	YES

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02 TRADITIONAL CROSS ALIGNER



Software Activation	Clamping system	Automatic lift tracking	Human error compensation	OEM Procedures
V2300 PRO 42 GOLD	AC100 AC400	NO	NO	YES
V2280 NextGen V22	AC100	YES	YES	NO
V2260 NextGen V22	AC100	NO	YES	NO
V2100 NextGen V21	AC100	NO	YES	NO

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03 ON LIFT/VEHICLE ALIGNER



Software Activation	Clamping system	Automatic lift tracking	Human error compensation	OEM Procedures
V1200 NextGen V12	AC100	N.A.	YES	NO
V1100 PRO 42 SILVER	AC100	N.A.	NO	NO

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page 36

V3400

THE V3400
WITH NO
BOUNDRARIES

The premier alignment system in our V-Series, the V3400 is the most precise, compact system on the market.

In addition to continuous third camera calibration for accurate, reliable results, it features wireless cameras and separated posts that make it easy for drive-through bay installation. And its patented DigiSmart™ automatic height tracking eliminates the need to adjust the aligner while on the lift.

So if you're looking for ultimate precision, ease of use, and more mobility than wall or floor mounted systems, set your sights on the V3400.

Perfect for:

- High-level tyre specialty shops
- Car dealers
- High-level independent garages



V3400

Pro42 Platinum: enhanced productivity

- Quick Align Check
- ProAckermann
- Graphical Caster Trail, Scrub Radius and SAI
- Steering Asymmetry with Diagnostics
- Vehicle Sensitive Alignment

OEM procedures

- Procedures defined by the main manufacturers
- Always operate with the correct workflow
- Updated vehicle specification database

Advanced vehicle dimensions

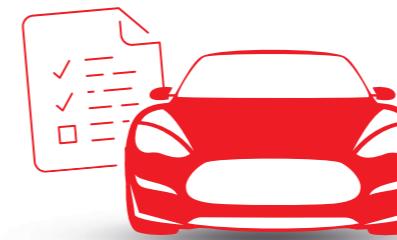
- ROLLING RADIUS - Identify potential cause of vehicle pulling and drive train damage
- CROSS DIAGONAL - Identify frame or structural issues before alignment adjustments are made

Advanced ride height

Measure the vehicle ride height to guarantee a proper adjustment. Specifications are automatically adjusted according to the ride height measure. No manual entry required with our Ride Height Small Targets that are easily attached by suction cups and stored inside the cabinet.

Automatic lift tracking

The adjusting camera system follows the height of the vehicle, eliminating the need to adjust the aligner when you move the lift. Continuous third camera self-calibration provides accurate readings and reliable alignment results.



V2300

HIGH RATE
WORKING
POWER

Our V2300 Wheel Alignment System features improved camera and target technology, the smallest and lightest XD target system we've ever offered, and our proven conventional imaging aligner design. And its precise, repeatable measurements help you get the job done more quickly and eliminate costly comebacks.

Available with the AC400 wheel clamps, it eliminates any worry of damaging rims by attaching with a single fast-action adjustment knob and only makes contact with the tire. But maybe best of all, the V2300's simple operation means you don't have to be a highly skilled alignment tech to master it. Whether you'd like to increase your alignment business, improve your accuracy, or both, the V2300 is precisely what you need.

Perfect for:

- Tire company-owned stores
- Independent tire dealers (tire service only)
- Small independent tyre specialty shops
- Fast fit centers
- Network garages



V2300

Enhance your productivity

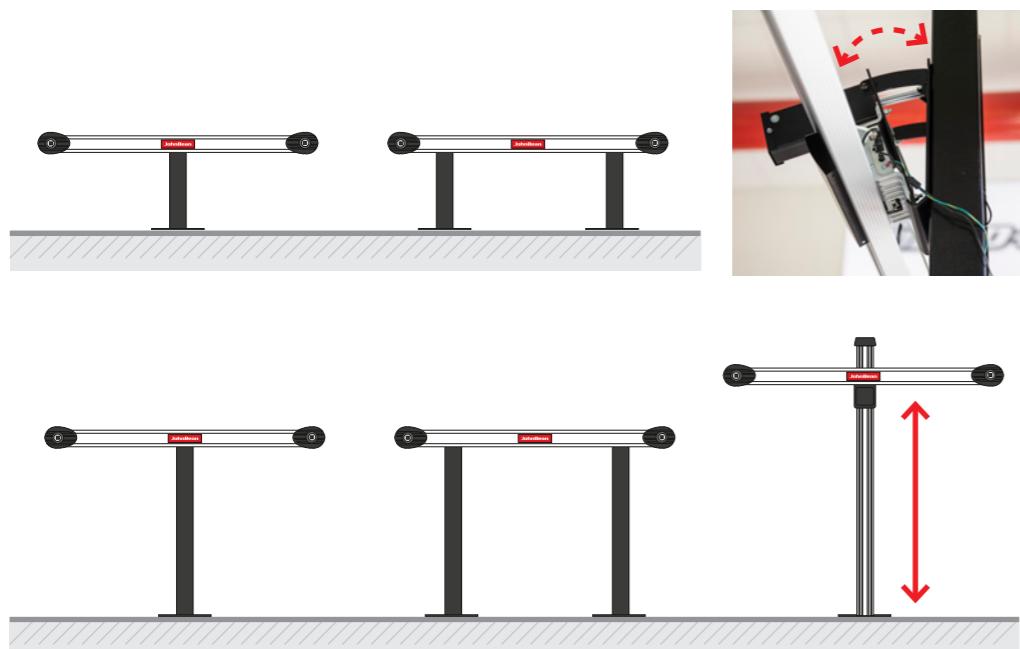
- Integrated OEM procedures
- Advanced vehicle dimensions measurement
- Rolling radius to identify mismatched tyre sizes
- Cross diagonals to identify frame or structural damages
- Wheels-off mode (EZ-Access) for easy adjustments

Real time accurate measurement

- Access a wide vehicle specs database
- Input automatically the ride height with our Target Imaging Pointer (TIP) to obtain proper alignment specifications
- Be guided by the VODI™ system through all the process
- EZ-Toe for an easy access difficult wheels adjustment points

Flexible configuration

Adapt the installation to your working style:



V2280

V2260

THE ALIGNMENT
WORKHORSE



Designed for the independent workshop to provide core alignment functions quickly and easily: the V2280 is our true aligner workhorse.

Its software has been designed together with technicians to make the core functions quicker and easier: you will never have to wait for the system! Its intelligent workflow, the automatic camera beam and its flexible configurations makes the V2280 perfect for the workshops with high productivity needs.

Perfect for:

- Tire company-owned stores
- Independent tire dealers (tire service only)
- Small independent tyre specialty shops
- Fast fit centers
- Network garages





TRADITIONAL CROSS ALIGNERS

V2280
V2260

The essential for your workshop

- Designed by mechanics for mechanics
- Flexible installation of cabinet and camera with mobility kit

Confident, reliable and uninterrupted process

- NextGen Software speed and professional results
- EZ-TOE to adjust the toe with the wheels turned for easy access
- Advanced Vehicle Dimensions for accurate measures
- Rolling radius to identify mismatched tyre sizes
- Cross diagonals to identify frame or structural damages
- Wheels-off mode

Decide the best configuration for you!

- V2280 with motorized automatic tracking camera beam
- V2260 with manual movable camera

John Bean

V2100

THE FASTEST
READINGS
IN TOWN

With its advanced imaging technology, the V2100 provides accurate and real-time measurements, reducing setup and processing times while generating significant productivity benefits.

Matched with our NextGen software, this wheel aligner will allow you to get readings in a matter of minutes!

Perfect for:

- Custom shops
- Discount retailers
- Gas stations
- Independent garages

TRADITIONAL CROSS ALIGNERS

V2100

VODI™

Our Vehicle Orientation Directional Indicator guides and speeds up your technician operations throughout the entire measurement procedure.



Tilt camera beam

It allows the beam aligner to tilt, thereby changing the view angle of the camera system.



Reduce your set-up and measurement times!

- NextGen Software with intelligent predictive alignment flow
- Accessible vehicle history
- Optimised graphic display
- Patented VODI™ and EZ-TOE for an easier process
- Online connectivity for automatic software and specs updates



NO WIRES,
NO WORRIES,
JUST ALIGNMENT



Our true 3D car wheel aligner made for general repair shops and smaller independent garages that still seek for professional quality, simple installation and ease of use.

Featuring advanced XD cameras and sophisticated monitoring algorithms, the V1200 Wheel Alignment System is able to deal with suspension stress and errors from lift clamps, environment, and more. Avoid time wasting: you are notified only when necessary.

All communication within the V1200 happens wirelessly, so you'll never have to worry about beams and cables taking up valuable space in the shop.

Perfect for:

- Custom shops
- Discount retailers
- Gas stations
- Independent garages



ON LIFT / VEHICLE

V1200



Installation made easy

- No moving parts
- Small footprint to fit any available space
- Hardware adapted to any alignment lift style
- No cables, no beams, no worries

Alignment made simple but accurate

- NextGen software
- Notification system doesn't slow down the process
- Compensate, Warn & Alert levels of intervention for errors
- Quick rolling compensation provides easy access to productivity tools

Battery pack

- All communication within the V1200 are wireless
- Integrated battery charger
- Hot swappable: swap your batteries without stopping the alignment*

* except for the master pod



V1100

THE V1100
THE SMALLEST
ALIGNER WITH
NO FLOOR
SUPPORT

V1100



The V1100 mobile wheel alignment system incorporates our exceptional hybride imaging technology in a fully portable package.

Its advanced software functions enable speed and efficiency at an affordable price.

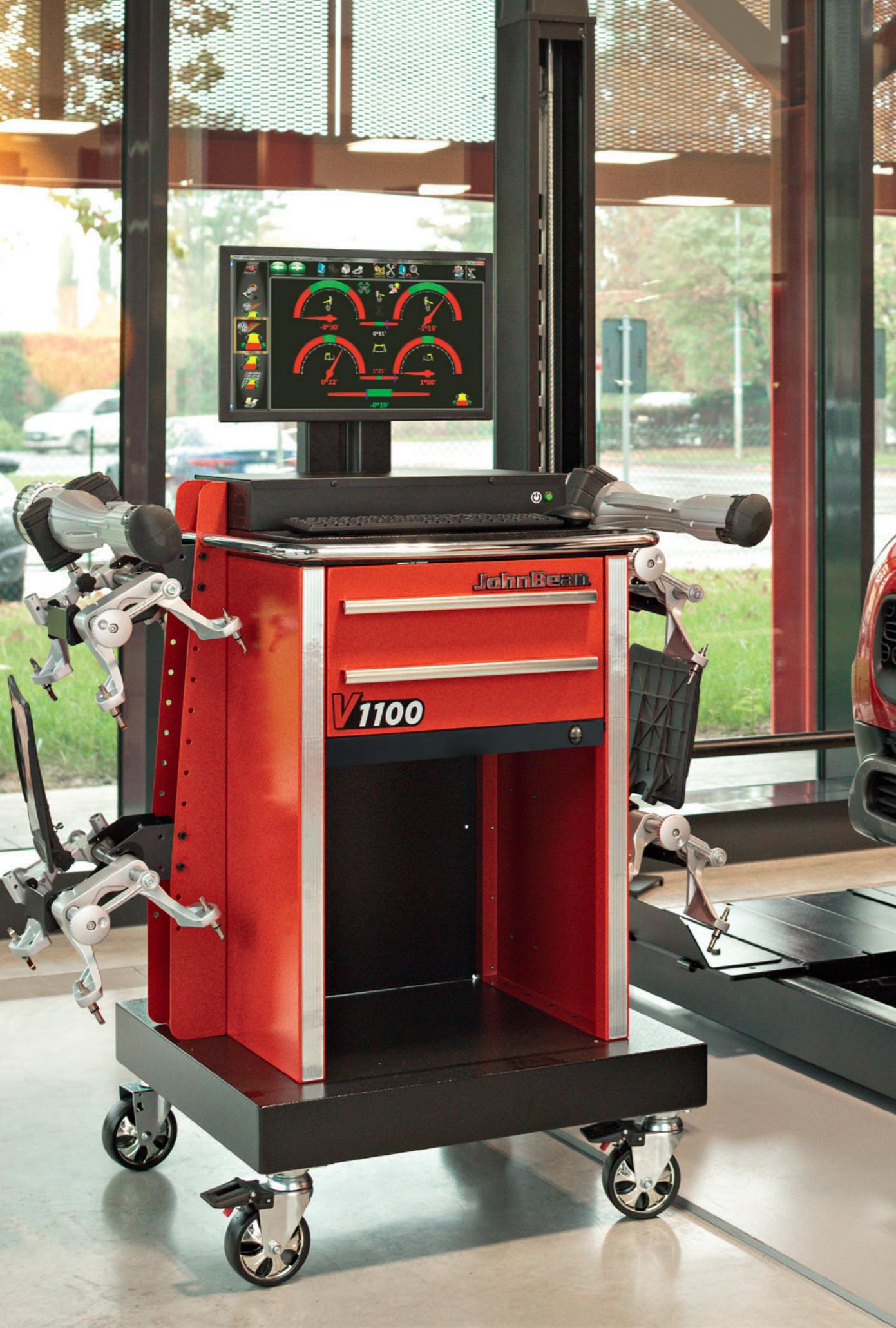
The wireless communication system through Bluetooth technology will provide you with the maximum of mobility and flexibility!

Perfect for:

- Custom shops
- Discount retailers
- Gas stations
- Independent garages



V1100



Increase speed and efficiency at an affordable price

- Rolling runout: perform runout compensation without jacking the car up.
- Advanced Pro42 Silver Software
- Helping videos throughout the process
- Personalized readings reports for customer satisfaction

Unmatched mobility and flexibility!

- Bluetooth® communication allows 100 meters of working freedom
- Cordless pods guarantee a full day of operation without charging
- Multi-bay: portable design for the greatest efficiency
- Pods, targets and clamps are long-lasting and lightweight: easy to transport from bay to bay

Unique system

- Usage of cameras for the rear wheels only allows the alignment technician to adjust front toe without blocking any camera
- The innovative balance weight feature ensures that the pod is always level.

MAXIMISE YOUR PROFIT

Let us care about your working performance

John Bean

Mobility Kit

Let's move your cameras around!



Front and rear plates

VW and MB homologated turntables



ADR camera

Driver assist system additional camera



Ride Height (TIP or Small Targets)

Simple, faster and error-free body height measurement



SUPPORTED ACCESSORIES



	V3400	V2300	V2280 V2260	V2100	V1200	V1100
AC400 Wheel Clamp	✓	✓				
ADR Control Camera Kit	✓	✓				
Manual Pointer Ride Height	✓	✓	✓	✓		
Ride Height Small Targets	✓	✓				
Mobility kit	✓	✓	✓	✓	N.A.	N.A.
Wheels Off Hub Adaptor	✓	✓	✓	✓	✓	
Drive-on Camera	✓	✓				✓
Turntable kits	✓	✓	✓	✓	✓	✓

JohnBean™

www.johnbean.com



www.johnbean.com/en/distributor

Part of the machines is illustrated with optional extras which are available at extra cost. Technical modifications reserved. Cod. 2001 000 - 01/2020