

V3400

Wireless Imaging Wheel Alignment System

Wireless system provides flexible installation, usage and mobility options. Patented digital camera tracking automatically adjusts to the height of the vehicle.



JohnBean™

V3400

PRECISION MEASUREMENT SYSTEM WITH PATENTED AUTOMATIC VEHICLE HEIGHT TRACKING



VERSATILE, ACCURATE HARDWARE

- **Wireless Communication** - eliminates connections between the camera towers and the cabinet to ease mobility and provides a variety of installation configurations
- **Continuous third camera calibration** provides accurate readings and reliable alignment results

SPEED AND PRODUCTIVITY

- **Automatic Vehicle Height Tracking** - the camera system follows the height of the vehicle, eliminating the need to adjust the aligner when you move the lift
- **Get readings in less than two minutes** on a wide variety of vehicles and wheel sizes
- **Comprehensive vehicle specification database** with frequent updates ensures you always have the information to do the job right

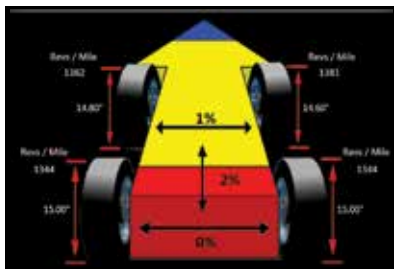
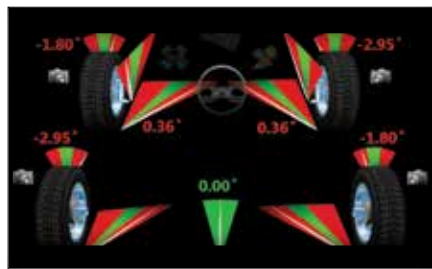


Fully featured hardware and software

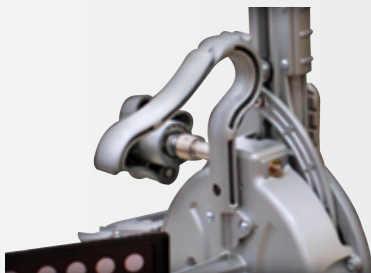
Productivity enhancing software: automated caster sweep, help videos, rolling radius*, cross diagonal*, A-arm adjust and EZ toe*.

Hardware and advanced design: Automatic vehicle height tracking, drive through configuration, wireless communication and high mobility**.

OEM Procedures: System can be set to automatically guide the user through vehicle specific, OEM approved, alignment procedures. Special procedures for radar and lane departure adjustment are provided when applicable***. Ride height measurement, with included ride height target, supports OEM procedures.



JOHN BEAN AC400 TOUCHLESS ALIGNMENT WHEEL CLAMPING SYSTEM WITH XD TARGETS



SECURE CLAMPING WITHOUT TOUCHING THE RIM

- Only the tire is contacted
- Clutch limited clamping force ensures accurate and repeatable results
- Durable and lightweight magnesium construction

FAST AND EASY TO USE

- Clamping is accomplished with a single fast-action adjustment knob
- No accessories needed to accommodate the full range of tire sizes
- Large, comfortable handle allows ergonomic use
- XD targets are lighter and take up less space than previous designs

AUTOMATIC CASTER SWEEP

System automatically detects when the steering wheel is turned and initiates the caster sweep function saving time and eliminating error

HELP VIDEOS

View detailed videos of how to make needed adjustments to complete even the most complex tasks

ROLLING RADIUS*

Identify mismatched tire sizes - a potential cause of vehicle pulling and drive train damage

CROSS-DIAGONAL*

Identify frame or structural issues before alignment adjustments are made

A-ARM ADJUST

Compound meter provides visual reference for simultaneous caster and camber adjustment for vehicles with adjustable control arms

CRADLE ADJUST

Compound meter provides visual reference for simultaneous SAI and caster adjustment for vehicles with front sub-frames/cradles

EZ-TOE*

Turn the front wheels and access difficult adjustment points while still displaying centered toe readings

*Patented and /or Patent-Pending Features
US 6,237,234
US 6,823,246
US 5,832,617

**With optional mobility kit
***Additional accessories required

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PRODUCT FEATURES & SPECIFICATIONS

Optional Accessories

- Dual Wheel Adaptors for AC400 Clamps: EAK0305J50A
- Mobility Kit†: EAK0305J78A
- Mobility Kit for Fixed Towers: EAK0305J98A
- Portable Platforms for Full Height Towers: EAK0305J58A
- Docking Cleats for Portable Platforms: EAK0305J77A
- VIN Scanner: EAK0289J86B
- AC200 Wheel Clamp Accessory Kit*: EAK0305J84A
- AC400 Wheel Clamp Accessory Kit**: EAK0305J85A



EAK0305J78A
Mobility Kit



EEWA553J

V3400 with AC400 Wheel Clamps & Fixed Columns for ground level operation with pit alignment installations



Equipment Specifications

- Tire Diameter: 19" - 39"
(48.3cm - 99.1cm)
- Track Width: 48" - 96"
(122cm - 244cm)
- Wheel Base: 79" - 180"
(201cm - 457cm)
- Shipping Weight: 501 lbs (227kg)
- Power Requirements: 100-240V 1Ph 50/60Hz
UL201, C22.2, CE Approved

Standard Accessories

- Steering Wheel Holder
- Brake Pedal Depressor
- Remote Control
- Ride Height Target
- Color Inkjet Printer
- Two Wheel Chocks

Available Models

- V3400 with AC400 Wheel Clamps: EEWA553B
- V3400 with AC400 Wheel Clamps & Ethos+: EEWA553BE
- V3400 with AC200 Wheel Clamps: EEWA553H
- V3400 with AC200 Wheel Clamps & Ethos+: EEWA553HE
- V3400 with AC400 Wheel Clamps & Fixed Columns: EEWA553J

†Includes EAK0305J58A & EAK0305J77A and is not compatible with EEWA553J

*Standard with EEWA553H & EEWA553HE

**Standard with EEWA553B, EEWA553BE and EEWA553J

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For more information regarding the V3400
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