

# 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

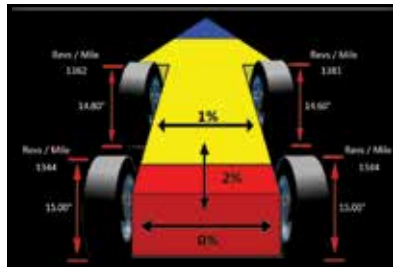
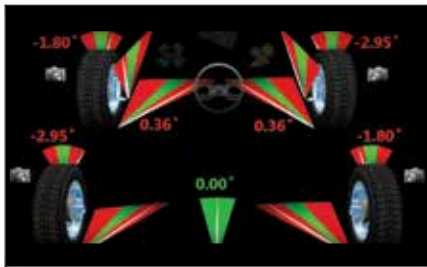


## Fully featured hardware and software

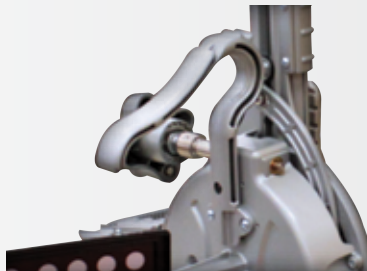
**Productivity enhancing software:** automated caster sweep, help videos, rolling radius\*, cross diagonal\*, A-arm adjust and EZ toe\*.

**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

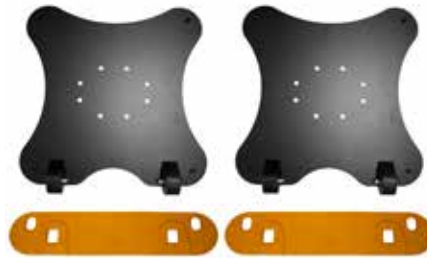
\*\*\*Additional accessories required

# JohnBean™

# PRODUCT FEATURES & SPECIFICATIONS

## Optional Accessories

- Dual Wheel Adaptors for AC400 Clamps: EAK0305J50A
- Mobility Kit†: EAK0305J78A
- Portable Platforms for 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



### **EEWA553B**

John Bean V3400 with AC400 Wheel Clamps

### **EEWA553H**

John Bean V3400 with AC200 Wheel Clamps

## SPECIFICATIONS

### 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



†Includes EAK0305J58A & EAK0305J77A

\*Standard with EEWA553H

\*\*Standard with EEWA553B

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For more information regarding the V3400  
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