



# Visualiner 3D<sup>1</sup>

**EEWA531A**

**Power Requirements:**

115V/1PH, 50/60Hz/8Amp  
220V/1PH, 50/60Hz/8Amp



**Vehicle Dimensions:**

Track Width: 48"-96"  
Wheel Base: 79"-200"  
Tire Diameter: Unlimited

**Wheel Clamps**

Wheel Sizes: 10"-21"  
Universal Rim Claws

Standard Equipment	Standard Features	Operator Helps And	Softwear Features
<p><b>Display Monitor</b> 17" UVGA Color</p> <p><b>Base Cabinet</b> Mobile Cabinet</p> <p><b>CPU Configuration</b> 2.2 GHZ + 128MB CD/DVD Drive (Internal) 31/2" Floppy Drive 40GB Hard Drive Multimedia Network Capable</p> <p><b>Printer</b> Color InkJet</p>	<p><b>Alignment Software</b> Pro32 v3.4 Windows XP</p> <p><b>Alignment Types</b> Total 4-Wheel 4-Wheel compensated <b>Front wheels only</b></p> <p><b>Alignment Display</b> Front Readings Rear Readings All Readings Zoom Readings Ind. Camber Only Ind. Toe Only Ind. Caster Only</p>	<p><b>Additional Setups</b> Programmable Align Routine Multiple Languages</p>	<p>Vehicle Adjust 3-D Animations Live Video Helps Multiple A-Arm Adjust Single Tie Rod Adjust Caster Swing Caster/SAI Swing on tt SAI Swing Elevated Toe Out on Turns Max Turns Windows Utilities Imaging Data Diagnostics PDF Operators Manual Romess integration Ford Bushing program Equalized Toe Warning Adj. Front before Rear Warning Backup, Restore Setup/Calib. Enhanced CCD Sensor Diag. Live Vehicle Dimensioning Advanced Ride Height Measuring <b>2-Wheel Alignment capable</b></p>
<p><b>Measuring Heads</b> <i>Axial Plane Camera</i> <i>Measuring System</i></p>	<p><b>Measures</b> SAI Thrust Angle Included Angle Front &amp; Rear Set Back Toe Out On Turns Front Caster (-28° to +28°) F &amp; R Camber (-15° to +15°) Front &amp; Rear Toe</p>		
<p><b>Standard Accessories</b> Steering Wheel Holder Brake Pedal Depressor Optical Mouse</p>			

\* Patented

\*\*Patent pending

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# WHEEL ALIGNMENT

IMAGING TECHNOLOGY V3D<sup>1</sup>



**2<sup>ND</sup> TO NONE**

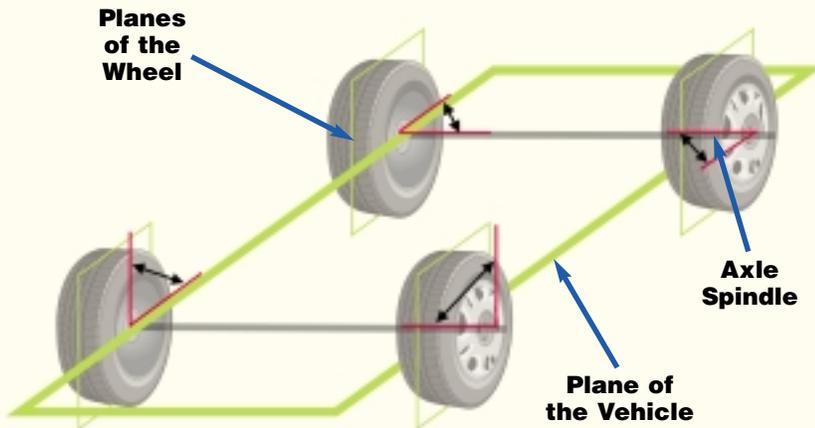


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## V3D IMAGING TECHNOLOGY

## 3-DIMENSIONAL MODELING



Using high resolution digital cameras and patented three dimensional modeling technology, the vertical planes of each of the vehicle's wheels as well as the plane of the vehicle itself are modeled. The vehicle's plane is modeled from the center points of each spindle axis where the wheels attach to the vehicle.

The geometric relationships of each individual wheel plane to each other and to the common vehicle plane determine the various measurements which form the basis for the vehicle's wheel alignment in three dimensions. The computer then compares these measurements to the car manufacturers' specifications and tells the operator which angles need to be adjusted and by how much. This is done with live computerized modeling rather than gravity based measuring devices.

**The V3D imaging technology offers easier, faster, and more accurate alignments under a much wider range of working conditions.**

## INTUITIVE PROGRAMMING

After beginning the alignment, the software is programmed to know what the operator is doing. It anticipates each step and prompts the operator to the next step without having to key in the specific next step that he would like the machine to do. This makes the alignment easier and faster.



If the operator stops turning the wheel after the basic caster swing, the machine concludes that this is all the operator wants to do and proceeds on to the measurement screen



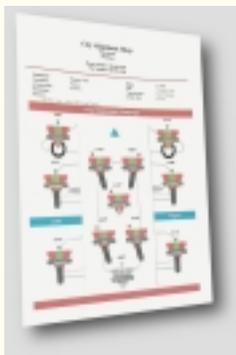
If the operator continues turning the wheel beyond this point, the machine knows that a toe-out-on turns measurement is desired and continues accordingly.



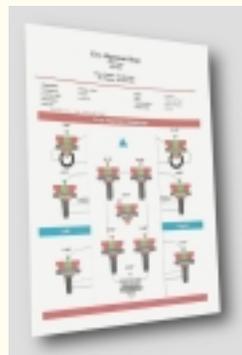
If operator still continues to turn the wheel, the machine knows that a full turn measurement (lock to lock) is wanted and continues on accordingly.

## CUSTOMER PRINT OUTS

INITIAL



FINAL



The "Graphic Printout" shows your customers exactly what needs to be done to bring their vehicle into proper alignment.

### GREAT SELLING TOOL!

The "Final" print out confirms that a quality alignment has been performed thereby increasing customer confidence.

## OPTIONAL EQUIPMENT



Roll Around Adjustment Chair



Stainless Steel Turntable & V3D Roll Back Kit



Remote Readout With 30' Cable



Universal Tire Clamp

**FASTER • MORE ACCURATE • MORE PROFITABLE**

## Set-Up To Readings In Under 3 Minutes

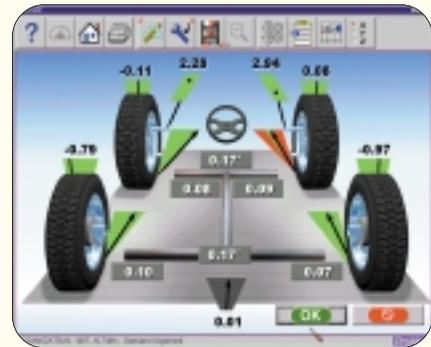
- **Do more alignments in less time**
- **So easy and fun to use that technicians will actually sell more alignments**
- **Non-electronic wheel sensor targets eliminate calibrations, wheel sensor maintenance and cut cables**
- **No comebacks due to calibration problems**



Mount wheel targets



Roll vehicle back and forth 8"



Full, live alignment readings in under 3 minutes

## WHAT V3D CUSTOMERS ARE SAYING\*

... the V3D aligner has saved 10-15 minutes per alignment.

The 3-D has increased not only our profit and the volume of our shop, but also the customer satisfaction ... able to almost double the amount of alignments we do.

... the number of comebacks has been zero since we switched over.

Our alignments have increased 3 fold since installing the V3D aligner-mostly because the techs like to use the V3D aligner.

We tripled our normal front end business that week.

Alignments are done in less time, better accuracy.

Can take in more alignments. Alignments done in about half the time.

With the new V3D aligner, alignment time for setup is cut in half.

The ease and speed of the V3D make it a sure money maker.

This is one time where I can state that the results far surpassed the claims of your salesman.

This allows me to cut down my cost for alignments as compared to other shops in the area.

... have increased our alignment sales by 40%.

Productivity increases were outstanding. Potential to increase jobs is 50 to 65%. ... My cost per alignment has decreased.

We can do more alignments simply because we don't have comebacks.

Productivity increased by over 50%. ... Instead of 1 alignment per hour, we are doing 1 in 30 minutes – correctly!

... a much faster turn around time for doing wheel alignments.

**\*CALL 1-800-362-4618 FOR A COMPLETE PRINTOUT OF V3D CUSTOMER EXPERIENCES.**

## IMAGING TECHNOLOGY V3D<sup>1</sup>



### FEATURES

#### Total 4-Wheel Alignment

- Front caster
- Front and rear camber
- Front and rear toe
- Thrust included angles
- SAI
- Front and rear set back
- Vehicle dimensions

#### Meter And All Reading Screens

- With reading/specifications and cross values
- Meter screens

#### Multiple System Controls

- Console keyboard
- Wheel sensor ley pad controls

#### Other Software Features Alignment Assistance

- Pro32 AI wizard
- Multiple A-arm adjust
- Elevated adjustments
- Active cradle adjustments
- Rear shim programs
- Align specifications – 30 years
- Vehicle line drawings
- Customer data entry
- Drag link adjust
- EZ toe
- Suspension plus
- One key help system
- 3-D animation helps

- Live video adjustments
- Driver complaint diagnosis
- Floppy disk spec updates

#### Additional Setups

- Programmable alignment routines
- Set-back in align path
- Thrust align only
- Selected cross values
- Multiple languages

#### Available Mounting Systems

- Multi-level center mount
- Fixed level tall center mount
- Fixed level short center mount
- Fixed level dual tall side mount
- Fixed level dual short side mount
- Drive-through multi-level mount

### SPECIFICATIONS

#### Computer Systems

- 17" color display monitor
- Mobile cabinet
- State-of-the-art CPU Ram and HD memory
- Internal CD drive / 3.5 floppy
- High capacity hard drive
- Deluxe color printer
- Durable optical targets
- AGP video
- Multimedia

\*See product bid spec sheet

#### Standard Accessories

- Steering wheel holder
- Brake pedal depressor
- Computer mouse
- Wheel clamps

#### Optional Equipment

- Remote controller
- Digital remote display
- Universal tire clamps
- Stainless steel turntables
- Standard turntables

- Optional On-Line specification subscription services with floppy disk downloads

#### Equipment Specifications

- Wheel size: 10" - 20"
- Wheel base: 48" - 200"
- Tread width: 48" - 96"

#### Power Requirements

- 115V / 1Ph, 50/60 Hz / 8 amp
- 230V / 1Ph, 50/60 Hz / 8 amp



309 Exchange Avenue • Conway, Arkansas 72032 U.S.A. • Fax: 501-450-1585

**1-800-362-4618**

**www.johnbean.com**

JOHN BEAN® CANADA • 1-800-362-4608

CONTACT OUR INTERNATIONAL DEPARTMENT AT 501-450-1568, 501-450-1526 OR 501-505-2631

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