

# SHOP & SERVICE

## MEET THE AUTOMOTIVE EQUIPMENT EXPERT... THE SNAP-ON EQUIPMENT SALES SPECIALIST.

Snap-on makes a wide variety of automotive industry products. To Serve you with the highest level of expertise in the automotive service equipment category (i.e. alignment, lifts, balancers, tire changers, collision measuring and collision racks) we've created Snap-on Equipment Technical Automotive Group.

Your Snap-on Equipment Sales Specialist is an automotive service equipment expert prepared to help guide you through the selection of products which best suit your needs.

- Wheel alignment
- Alignment lifts
- Tire changers
- Wheel balancers
- Collision measuring
- Welding systems
- Collision frame racks
- Service lifts



T H E R E I S A D I F F E R E N C E <sup>TM</sup>



**NEXIQ**  
TECHNOLOGIES™

For more information, please contact NEXIQ Technologies™  
at 800-639-6774 or online at [www.nexiq.com](http://www.nexiq.com)

## Available iQ Applications

Generic

- HDS Metium- and heavy-duty trucks
- OBD II Light- and medium-duty trucks

OEM

- Caterpillar ACERT
- Detroit Diesel DDEC III, IV, V
- International Engine

Soon to be released

- Allison 1K/2K, 3K/4K, CEC1
- WABCO Air and hydraulic

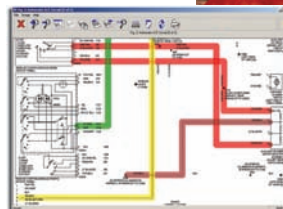


*Smarter. Easier. Essential.*



## Mitchell 1 Products and Services

- OD5.com (color wiring diagrams attached)
- Manager/ManagerPlus
- TeamWorks
- DataProtection
- Integrator
- Transporter
- CRM
- PerformanceCenter
- ServiceIntelligence
- Medium Truck
- Tractor-Trailer.net



Headquartered in Poway, California, Mitchell 1 has provided quality repair information solutions to the automotive industry for almost 90 years. The Mitchell 1 family of products includes a complete line of integrated software tools designated to improve repair shop productivity. Mitchell 1's OnDemand now serves as the industry standard for innovative repair, estimating and management software. The new Mitchell 1 Business Performance Services gives shop owners automated marketing solutions to improve bottom line profits. Mitchell 1 is a recipient of the ASW Blue Seal of Excellence award. For more information on Mitchell 1 products and services, automotive professionals can log onto the company's Web site at [www.mitchell1.com](http://www.mitchell1.com) or call 888.724.6742x6313.

# Shop & Service Equipment

## Alignment & Service Lifts

John Bean offers a full range of alignment lifts for a wide variety of applications. All John Bean service lifts have a proven track record of excellent performance, safety and longevity, and are designed to help you to ensure all those same qualities in your heavy duty vehicles.



**JB100165AF**  
**John Bean Heavy Duty Scissor Alignment Lift**  
22,000 lb Lifting Capacity

## Scissor Lifts

Lifts range from 9,000 to 88,000 lb. lifting capacities with standard or flushmount installation and wide open center access. Choose from single, double, triple or quad scissor models, ranging up to 52.5 feet of overall length at 13 feet wide.

Get up to 14,000 lbs. lifting capacity with our Baysaver style scissor lifts (12K & 9K also available). These lifts have unobstructed access between runways, wide decks for superb alignment accuracy, and in-rack air kit for rolling jacks and air tools. Turntable cutouts and integrated rear slip plates make these lifts alignment ready. Scissor lifts are advantageous for maximizing use of bay floor space.



**4814605AF**  
**John Bean 14K Scissor Alignment Lift**  
14,000 lb Lifting Capacity

**JBC100165 / JBC200165 / JBC300165 / JBC400165**

**John Bean Multi-Scissor Truck/Bus Service Lift**  
22K / 44K / 66K / 88K lb Lifting Capacities  
307" / 374" / 493" / 630" overall lengths



**John Bean 2-Post Service Lift**  
9K to 15K lb Lifting Capacities  
Symmetrical and Asymmetrical styles

## 2-Post Lifts

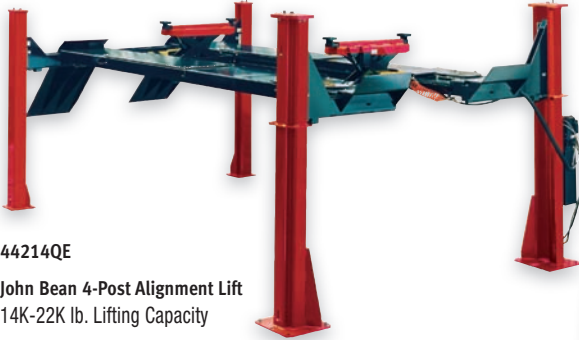
2-post lift models offer lifting capacity range of 9K to 15K lbs., with your choice of symmetrical or asymmetrical lifting arms, and with or without overhead beams. Lifts feature roll-formed columns with durable polyethylene glide blocks for smooth glide operation and increased carriage stability. 2-post lifts offer versatility to meet all your lift demands regardless of the shop layout and variety of vehicle sizes and styles.

Contact Your Snap-on Industrial sales representative for complete details and ordering information.

# Shop & Service Equipment

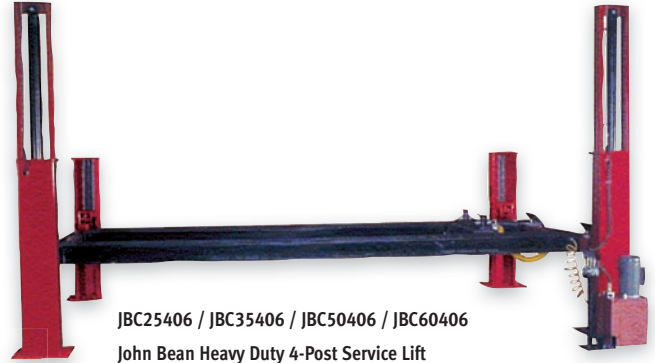
## 4-Post Lifts

4-Post lifts range from 9,000 to 60,000 lifting capacities and feature one-piece roll-formed decks for added strength. They come in both the open front and closed front styles and at varying price levels. Length options will accommodate vehicle wheel bases up to 33 feet in length. John Bean lifts offer rugged durability and multi-safety systems at all price levels. Roller jacks are included standard. Turntables must be purchased separately.



44214QE

John Bean 4-Post Alignment Lift  
14K-22K lb. Lifting Capacity



JBC25406 / JBC35406 / JBC50406 / JBC60406

John Bean Heavy Duty 4-Post Service Lift  
25K / 35K / 50K / 60K lb Lifting Capacities  
3 length options per weight capacity

## Moveable Column Lifts

Moveable column lifts offer mobile convenience and a powerful lifting capacity—16,500 pounds in each column. Cables connect all the columns for fast synchronized lifting. Column lifts are waterproof for indoor/outdoor use.



EELR344A (4 column)  
EELR346A (6 column)

Snap-on Moveable Column Lift  
66K & 99K lb Lifting Capacities

28.CPS803HF

Blackhawk CompuSpot 800  
Inverter Welding System



WEL209  
Model 93521000

## Welding Systems

Blackhawk CompuSpot Inverter welding systems are made to suit all of today's sheet metals and ultra light steel. The most advanced power transformer minimizes losses of energy due to electrical resistance and induction. CompuSpot welders are equipped with copper wound transformers allowing longer life and heat resistance. Separate power and time selectors ensure superior performance.

## Spot Welders

Make single- or double-sided welds with the CompuSpot WEL 500, 700, 750 or 800. Easily weld nails, rivets, washers, studs and nuts into position with a single pull on the trigger button. Designed to easily maneuver into tight welding locations. Spot welders have the fastest return on investment of any equipment.

## MIG Welders

The UltraMig 209 uses advanced computerized technology. Select Continuous, Spot or Stitch/Intermittent modes to suit the job. Each mode offers adjustable settings for the technician's preference, the metal thickness and the welding job.

Contact Your Snap-on Industrial sales representative for complete details and ordering information.

See Warranty Information on inside front cover

**Snap-on Industrial** N065

# Shop & Service Equipment

## Collision Measuring



The Shark Electronic Measuring System, from Blackhawk, is used around the globe by premier body shops which require fast and accurate computer measuring. The Shark provides simultaneous measurements of up to 12 points on the vehicle. The system provides high visibility graphic assistance and printed reports.

Also ask about Blackhawk Quik-Chek, an ideal system for estimating, analysis and collision repair.



EEWH517A  
Blackhawk Shark  
Electronic Measuring System



• Estimating • Analysis • Repair

Innovative Blackhawk® Technology in an affordable package

- Measures upper body and lower body both point to point and 3-dimensionally
- Provides pre and post repair documentation needed for DRP insurance programs
- Easy to interpret damage diagnosis results
- Limited attachments required
- Easy to own... easy to set up... easy to use



E-Data

Electronic Vehicle Measurement Data

Model EECR600A01

E-Data stores years of unitized and frame vehicle dimension information in the database. Within moments, E-Data has searched and retrieved the specs to display and/or print. Dimensions are provided for under hood, under body, and upper body measurements.

- Windows 95, 98 & XP compatible
- Approved by CCC, ADP and all major insurance carriers

# Shop & Service Equipment

## Collision Repair

### Collision Frame Racks

The Blackhawk Power-Pro Series is designed to accommodate up to the largest SUVs with a 9500-pound lifting capacity, and works with several optional anchoring packages. Bearing supported, tube-style towers easily roll 360 degrees and support 10-ton pulls from all angles.

The Blackhawk World Rack 4000L is the ultimate choice in collision rack solutions, providing a host of integrated features on an extended platform which allows easy access to all areas of the vehicle.

### Power Pro 1000, 2000, 3000

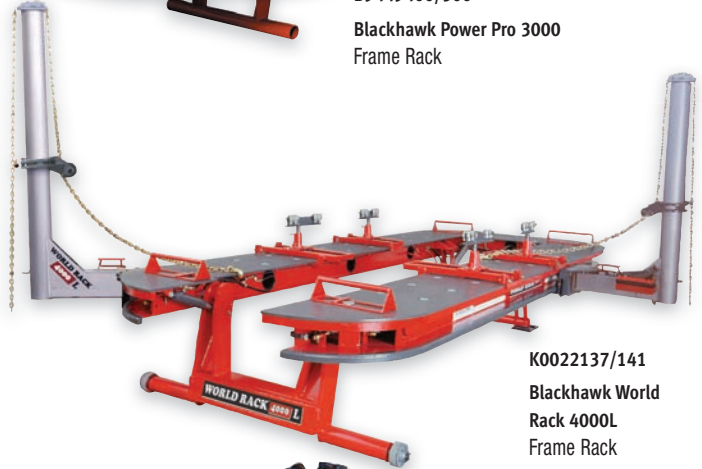
The Power-Pro series — 3 models at 18, 20 & 22 foot lengths — works with a wide variety of vehicles that enter your shop, without taking up too much of your valuable space. Available in Standard or Deluxe, the Power-Pro family of frame racks are affordable systems with many of the features found on more expensive frame racks including 360 degree, 10 ton pulling. Power-Pro **Standard** models hydraulically tilt to the rear for easy vehicle loading and adjust to two convenient working heights. **Deluxe** models hydraulically tilt front and rear for sequential flow through the multiple purpose shop. They also adjust to four working heights for expanded productivity.

### Power Cage

This is the ultimate choice for heavy duty collision repair. The Power Cage is available in multiple lengths to meet your customers' repair needs. Lengths range from 35' to 70' with a tower pull capacity of 20 or 50 tons and tower push capacity of 25 tons. The double block pulley system allows for doubling the pulling power or diverting the direction of the pull. System allows for down pulls anywhere on the machine and push-up ability to correct twist. The electric hydraulic pump has a remote cable to advance, retract or hold pressure so customer can monitor all correction points as required. Includes four tower extensions to make corrections up to 11 feet 6 inches for cab and trailer repair.



B9449400/500  
Blackhawk Power Pro 3000  
Frame Rack



K0022137/141  
Blackhawk World  
Rack 4000L  
Frame Rack

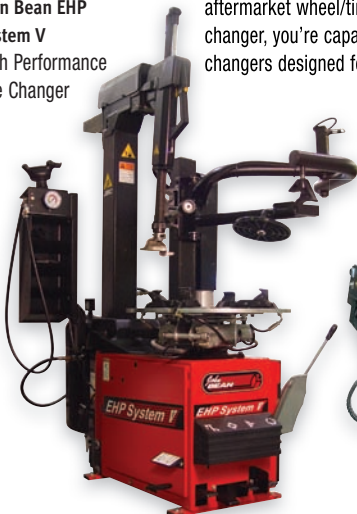


## Tire Changers

EEWH517A

John Bean EHP  
System V  
High Performance  
Tire Changer

John Bean's EHP (Enhanced High Performance) System tire changers are especially designed for the wide range of factory and aftermarket wheel/tire assemblies that make up the current and future market. With the EHP System V, our most advanced tire changer, you're capable of handling the industry's largest wheels, up to 30 inches. For heavy duty truck wheels, John Bean offers tire changers designed for tubeless tires and multi-piece truck rims.



EEWHT8056

John Bean Heavy Duty  
Tire Changer



EEWH512AE



EEWH514A



See Warranty Information on inside front cover

**Snap-on Industrial** N067

# Shop & Service Equipment

## Wheel Alignment

John Bean pioneered imaging wheel alignment in the early 1990s. Since that time, imaging technology has become the industry standard for automotive wheel alignment. In just under two minutes, the remarkable V3D imaging system provides highly accurate alignment measurement, complete with visual representation identifying current and optimal settings. This represents a 70% reduction in time versus conventional alignment methods. V3D technology helps every technician become an alignment expert with minimal training. John Bean also provides a full line of Optical Alignment Systems which feature the speed and ease-of-use qualities for which John Bean is well known.

### Arago™ V3D

The arago delivers "Error-Free" alignment measuring with the use of DigiSmart™ camera technology and automatic Target Tracking. The ultimate ease and accuracy in performing alignments.

EEWA550A

John Bean Arago V3D  
Imaging Alignment System



EEWA510A

### Visualiner Optical Alignment Systems

The V2, and V1 systems offer a cordless option with rechargeable, CCD, cordless wheel sensors for faster, more convenient wheel alignment service.



EEWA511A

John Bean Visualiner 2  
Optical Alignment System



### V3D<sup>2</sup> and V3D<sup>1</sup>

The V3D<sup>2</sup> and V3D<sup>1</sup> guide you through the alignments with signals from any working position.

EEWA546A

EEWA545A



# Shop & Service Equipment

## Wheel Balancers

### BFH 1000 Ride Performance System

Using John Bean's patented 3D technology to optimize "Balance Force Harmonics," the BFH 1000 delivers automatic clamping and automatic data-entry, including spoke count/placement - all in one spin cycle. This "touchless" system uses 3 lasers not only to obtain all readings, but also to indicate exact weight placement. The BFH 1000's many automatic features virtually eliminate the possibility of operator error.

EEWB517A

John Bean  
Truck Wheel Balancer  
Portable Truck Wheel Balancer



EEWB519A

John Bean BFH 1000  
Total Ride Performance System



EEWB526C

### BFH 800

The BFH 800 is a no-compromise solution for premium wheel balancing. The BFH 800, using VPI Imaging Balance technology, provides super accurate wheel balance results. Fully automatic inputs remove the chance for error allowed by other systems.



EEWB502P

### Virtual Plane Imaging (VPI) Balancers

Unique software programming projects a Virtual Plane Image (VPI) at the end of the balancer shaft to allow imbalance vibrations to be measured on both sides of the wheel for improved accuracy and repeatability. John Bean wheel balancers offer the most features in the industry.

Our hand-spin operated heavy duty wheel balancer offers efficient, portable balancing service in a budget-friendly package.



EEWB503B

See Warranty Information on inside front cover

**Snap-on Industrial** N069