

Section 4

Four Wheel Alignment Equipment

- **Alignment Systems & Sensors**
- **Alignment Lift Rack**
- **Alignment Lifts - Four-Post**
- **Alignment Lifts - Parallelogram**
- **Alignment Lifts - Scissor**
- **Alignment Lifts - Accessories**



APPROVED DEALER
EQUIPMENT

Section 4:

This section features a selection of Four Wheel Alignment Equipment available through the Lexus Approved Dealer Equipment program. All product has been reviewed and approved by Toyota Motor Sales, USA.

Suppliers:

- Hunter Engineering Co.
- John Bean Co.
- Rotary Lift

*For additional product information or to
contact a program representative*

CALL: 1-800-368-6787

***Snap-on
Equipment Solutions***

Alignment Systems & Sensors:

This is an introduction to Alignment Systems & Sensors. Some things to consider when shopping for Alignment Systems, would be:

- “Alignment Systems” refer to cabinets with computers and programs that perform calculations and shows results as the technician makes adjustments to the vehicle’s suspension.
- Look for alignment systems with large screens for alignment technicians to be able to clearly see the adjustment values on screen from a distance. Some systems even have remote displays.
- “Alignment Sensor” technology is advancing as fast as the rest of the industry. Newer sensors allow shorter distances to the targets attached to the wheels.
- “Targets” are attached to the wheels to feed back changes to the suspension while the technician is aligning the vehicle. New targets are wireless, non-powered, reflective, and do not need calibration.

When considering a purchase of any capitol equipment, please contact your regional manager at 1-800-368-6787 for assistance in configuring the proper set-up for your environment.

ALIGNMENT SYSTEMS

SUPPLIED BY: JOHN BEAN CO.

Arago V3D Imaging Alignment System

In just under two minutes, the Arago V3D aligner 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. A computerized interface features clear and simple graphics to guide the user through the required steps, both for measurement and adjustment. It's actually so easy to perform alignments with the Arago, sometimes you forget it's one of the most highly advanced pieces of service equipment money can buy.

Wheel size: 11" - 25", Tire diameter: Unlimited, Track width: 48" - 96", Wheelbase: 79" - 200", Power requirements: 115V/230V, 1 Phase, 50/60 Hz, 6 amp/3 amp.

Features

- Continuous automatic synchronization of the system's third camera allows for continuous synchronization of the two cameras aimed at the vehicle while instantly updating all alignment readings.
- Automatic height indexing cameras automatically adjust the lift to the corresponding working height.
- Live, 3-D modeling for live readings of all alignment angles at all heights.
- Non-gravity based system that minimizes many common operator/equipment errors.
- Passive wheel targets contain no electronics, require no calibrating and no cables.
- Most advanced and useful alignment software in the industry.

Models

- EEWA550A - Standard configuration - 19" color CRT.
- EEWA550AL - Standard configuration - 19" color LCD.



EEWA550A

ALIGNMENT SYSTEMS

SUPPLIED BY: JOHN BEAN CO.

V3D Image Alignment Systems

The V3D Imaging Technology makes John Bean aligners unlike any other imaging system in the industry. Offers faster alignment, precision measurements, and reliable service.

Wheel size: 11" - 25", Tire diameter: Unlimited, Tread width: 48" - 96", Wheel Base: 79" - 200", Power requirements: 115V/230V, 1 Phase, 50/60 Hz, 6 amp/3 amp.

Features

- Live, 3-D modeling for live readings of all alignment angles at all working lift heights.
- Non-gravity based system that minimized many common operator/equipment errors.
- Passive wheel targets contain no electronics, require no collaborating and no cables back to the console.
- Setup to live readings in under five minutes.

Models

- EEWA545A - V3D¹ Image Aligner - 17" color CRT monitor.
- EEWA545AL - V3D¹ Image Aligner - 17" color LCD monitor.
- EEWA546A - V3D² Image Aligner - 19" color CRT monitor.
- EEWA546AL - V3D² Image Aligner - 19" color LCD monitor.



EEWA546A

Visualiner Optical Alignment System

Provides highly accurate alignment measurements, presented in a visual representation identifying current and optimal settings. Ease-of-use is unmatched. Our alignment systems allow any technician to become an alignment expert with minimal training. A computerized interface features clear and simple graphics to promptly guide the user through the required program steps, both for measurement and adjustment.

Wheel size: 11" - 25", Tire diameter: up to 38", Track width: 48" - 96", Wheel base: 48" - 200", Power requirements: 115V/230V, 1 Phase, 50/60 Hz, 6 amp/3 amp.

Features

- New, improved, redesigned JBC wheel sensors for improved durability, serviceability and accuracy.
- 8-sensor system for continuous calibration checking and frame damage assessment.
- Full functioning wheel sensor controls.
- USB alignment interface box.
- Active cradle adjust (SAI reference with live caster).
- EZ track database.
- EZ toe assistance.
- 4-wheel steering procedures.

Models

- EEWA510A - Visualiner¹ standard wheel aligner - corded sensors, 17" CRT monitor.
- EEWA510AC - Visualiner¹ standard wheel aligner - cordless sensors, 17" CRT monitor.
- EEWA511A - Visualiner² deluxe wheel aligner - corded sensors, 19" CRT monitor.
- EEWA511AC - Visualiner² deluxe wheel aligner - cordless sensors, 19" CRT monitor.



EEWA511AC

ALIGNMENT SYSTEMS

SUPPLIED BY: HUNTER ENGINEERING CO

WA100 Series Consoles

Hunter has introduced the WA100 series console for WinAlign® software-driven HawkEye™ wheel alignment systems. WA100 consoles are available in large, compact and column/wall-mounted cabinet configurations to fit a wide range of shop requirements. 17- and 19-inch flat panel display monitors provide reliability and bright, clear image reproduction popular with technicians. Operating system software is Microsoft® Windows®. All WA100 systems are certified iShop and ASANET compliant.

Features

- Centralizes control into one interface.
- WinAlign® software allows the console to communicate directly with the lift.
- Intel® Pentium Dual-Core Processor– 1.6 GHz (or greater).
- DVD/CD-RW Drive.
- Windows® VISTA - Basic.
- 2 years free VID update.

Models

- HUNWA142 - Large cabinet with 19" LCD flat panel monitor. Approximately measures 70"H x 35"W x 29"D with monitor.
- HUNWA141 - Large cabinet with 17" LCD flat panel monitor. Approximately measures 69"H x 35"W x 29"D with monitor.
- HUNWA132 - Compact cabinet with 19" LCD flat panel monitor. Approximately measures 70"H x 26"W x 23"D with monitor.
- HUNWA131 - Compact cabinet with 17" LCD flat panel monitor. Approximately measures 69"H x 26"W x 23"D with monitor.
- HUNWA122 - Column/wall mounted cabinet with 19" LCD flat panel monitor. Approximately measures 42-1/2"H x 30-1/2"W x 24"D with monitor.



HUNWA142

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WA200 Series Consoles

Hunter's new WA200 series premium aligner console incorporates computer upgrades, new design features and technologies to speed and simplify the alignment process. An Intel® Core™ 2 Duo 1.8 GHz processor offers robust computing power, efficiency and reliability. A wireless networking card allows easy Internet access to timesaving information and specification data and the ability to network with other shop systems. A full range of cabinet and widescreen display configurations are available to address floor space, workstyle and other considerations.

Features

- In addition to driving F.I.A. (Fully Integrated Alignment) features, Hunter's latest WinAlign® alignment software adds new capabilities and puts more service information at the technician's fingertips.
- Screen displays that take advantage of the new wide-screen console options provide the technician with more information when needed.
- New multimedia vehicle specific information and training features such as Digital Photo, Digital Video and AlignGuide® Training.

Models

- HUNWA245 - Large premium cabinet with 32" widescreen LCD monitor. Approximately measures 72"H x 35"W x 29"D with monitor.
- HUNWA244 - Large premium cabinet with 26" widescreen LCD monitor. Approximately measures 71"H x 35"W x 29"D with monitor.
- HUNWA243 - Large premium cabinet with 20" widescreen LCD monitor. Approximately measures 70"H x 35"W x 29"D with monitor.
- HUNWA234 - Compact premium cabinet with 26" widescreen LCD monitor. Approximately measures 71"H x 26"W x 23"D with monitor.
- HUNWA233 - Compact premium cabinet with 20" widescreen LCD monitor. Approximately measures 71"H x 26"W x 23"D with monitor.
- HUNWA224 - Wall-mount cabinet with 26" widescreen LCD monitor. Approximately measures 43-1/2"H x 30-1/2"W x 24"D with monitor.
- HUNWA223 - Wall-mount cabinet with 20" widescreen LCD monitor. Approximately measures 42-1/2"H x 30-1/2"W x 24"D with monitor.



HUNWA245

ALIGNMENT SENSORS

SUPPLIED BY: HUNTER ENGINEERING CO

HawkEye™ High-Definition Digital Imaging Sensors

Hunter's HawkEye™ sensors use multi dimensional modeling to provide accurate alignment measurements. The operator can use either live plane mode, which uses the targets as a reference plane, or the traditional patented alignment mode, which uses the rack runways as a reference plane. Four high-resolution digital cameras continuously measure wheel target position and orientation, providing the same alignment measurements as conventional sensors.

Features

- Self-centering wheel adaptors cover an extended range, allowing the adaptor to be used for passenger car or heavy-duty truck use.
- Four stationary cameras (one for each wheel) measure the position and orientation of alignment targets.
- The targets contain no electronics to damage from accidental drops and require no cables or calibration.
- The new high-definition wheel target design is smaller and lighter, making them easier to handle and work around when making adjustments.
- The enhanced field of view allows the HawkEye™ system to be installed in a smaller bay space and perform alignments at almost any lift height.
- Corrosion resistant.
- Integrated protective bumpers.
- No electronics at the wheel.

Models

- HUNHS400FC - Space saving fixed column standard configuration fits most service bay applications.
- HUNHS401FC - Fixed column standard configuration fits most service bay applications.
- HUNHS401CM - Cabinet mount.
- HUNHS400DT - Space saving drive-through sensors.
- HUNHS401DT - Drive-through sensors.
- HUNHS400FM - Space saving floor mounted wide sensors excellent for drive-through bay applications.
- HUNHS401FM - Floor mount drive-through configuration.
- HUNHS400LC - Space saving vertical camera lift with a 51" range of motion to achieve additional lift height or to work with the vehicle lowered to the floor.
- HUNHS401LC - Vertical camera lift with a 51" range of motion to achieve additional lift height or to work with the vehicle lowered to the floor.
- HUNHS400PD - Space saving overhead mounted cameras for double-pit-rack applications.
- HUNHS401PD - Overhead mounted cameras for double-pit-rack applications.
- HUNHS400PS - Space saving overhead mounted cameras for single-pit-rack applications.
- HUNHS401PS - Overhead mounted cameras for single-pit-rack applications.
- HUNHS400WM - Space saving wall mount. Can also be mounted to the ceiling.
- HUNHS401WM - Wall mount. Can also be mounted to the ceiling.



HUNHS400LC

Hunter DSP500 Alignment Sensors

Perform quick, accurate alignments with Hunter DSP500 sensors.

Features

- Sensors utilize microprocessors that acquire real-time measurements and produce an immediate response between changes in actual measurements and displayed values.
- RangeFinder® feature calculates track width and wheelbase instantly (up to 210").
- Technicians may choose between 2-point or 3-point run-out compensation. Using 3-point compensation, each sensor can be compensated as it is mounted, allowing setup of the sensors in one trip around the vehicle.
- Electronic components are protected by an outer cover made of bulletproof material. Impact-prone areas are further protected by integrated rubber bumpers.
- Self-centering wheel adaptors attach to rims ranging from 10-24.5" in diameter.
- Cordless models feature powerful XF-Radio technology that provides extended-range high-speed communication without the extra setup time and hassles of cables.
- Optional Electronic Ride Height Measurement and Suspension Body and Diagnostic Audit measure ride height, body wheel offset, body roll, body angle and body wheel setback to quickly determine if the vehicle is alignable and identify the potential need for body shop work.

Models

- HUNDSP506 - (4) optical sensors
- HUNDSP506RH - (4) optical sensors with Electronic Ride Height Measurement
- HUNDSP506XF - (4) cordless optical sensors
- HUNDSP506XFR - (4) cordless optical sensors with Electronic Ride Height Measurement
- HUNDSP508 - (4) optical sensors with rear toe arms
- HUNDSP508RH - (4) optical sensors with rear toe arms and Electronic Ride Height Measurement
- HUNDSP508XF - (4) cordless optical sensors with rear toe arms
- HUNDSP508XFR - (4) cordless optical sensors with rear toe arms and Electronic Ride Height Measurement



Alignment Lifts:

This is an introduction to Alignment Lifts. Within this section you will find Lift Racks, Four-Post Lifts, Scissor Lifts and Parallelogram Lifts as well as Alignment Lift Accessories. Some things to consider when shopping for Alignment Lifts, would be:

- Alignment racks come in four (4) different configurations: single post, twin post, four-post parallelogram, and scissor. Four-post are the sturdiest, but take up the most space. Scissor-type racks are a very good compromise between sturdiness and use of space.
- Flush-mount alignment racks (installed so the rack is below the surface of the shop floor but the runways are level with the shop floor) present a very clean, professional look.
- When possible, get lighting kits and rolling lift jacks for the alignment rack. Both will help the alignment techs with efficiency and accuracy of work.

When considering a purchase of any capitol equipment, please contact your regional manager at 1-800-368-6787 for assistance in configuring the proper set-up for your environment.

ALIGNMENT LIFT RACK

SUPPLIED BY: HUNTER ENGINEERING CO

Multi-Service Lift Rack

Hunter's Multi-Service lift racks turn an existing single-post or side-by-side twin-post lift (57-1/2" center to center) into a full service lift and alignment rack. It also fits most two-post above-ground lifts.

Features

- The Multi-Service lift racks are designed for four-wheel alignment capability.
- Flush-mounted, full-floating 80" slipplates allow the vehicle's rear suspension to "relax" for maximum alignment accuracy.
- (2) retractable work steps with skid protection provide a platform to help technicians reach underhood adjustments.

Models

- HUND1-L - Extended length single-post lift rack.
- HUND2-L - Extended length twin-post lift rack.
- HUN209-43-L - D1-L with (2) 4,500 lb. capacity swing air jacks.
- HUN209-59-L - D2-L with (2) 4,500 lb. capacity swing air jacks.
- HUN209-70-L - D2-L with (2) 4,500 lb. capacity air-actuated power jacks.



HUN209-70-L

ALIGNMENT LIFTS - FOUR-POST

SUPPLIED BY: HUNTER ENGINEERING CO

L421 and L424 Four-Post Lift Racks

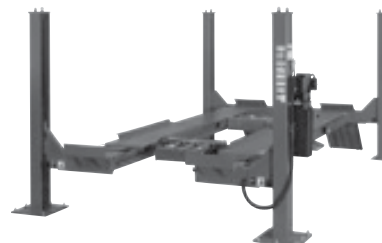
Designed for operating efficiency, the Hunter L421 and L424 provide full-service capability for a wide range of vehicles.

Features

- The L421 combines a 14,000 lb. lifting capacity with an open front that allows clear access to inspection points and jacks.
- The L424's solid front crossbeam helps support a massive 16,000 lb. lifting capacity.
- Ratcheting safety locks ensure alignment level at all (20) lock positions, rising up to 70".
- Runways are made of heavy-duty 5/16" steel compared to commonly used 1/4" or 11/64" lighter weight materials.
- Flush-mounted, full-floating 80" slipplates allow the vehicle's rear suspension to "relax" for maximum alignment accuracy.
- Optional 8,000 lb. capacity swing air jacks add capability for lifting vehicles off the runways.

Models

- HUNL421 - Open front four-post lift rack.
- HUNL421-43 - HUNL421 with (2) 8,000 lb. capacity swing air jacks.
- HUNL424 - Solid front four-post lift rack.
- HUNL424-43 - HUNL424 with (2) 8,000 lb. capacity swing air jacks.



HUNL421-43

ALIGNMENT LIFTS - FOUR-POST

SUPPLIED BY: JOHN BEAN CO.

4-Post Closed Front Alignment Lifts

Heavy-duty 4-post, closed front and rear, alignment lifts, 12,000 lb. and 18,000 lb. capacities. An accurate alignment starts with a flat and straight runway. The underside of each runway is heavily re-enforced, ready to handle maximum loading. Heavy pre-stressed 9/16" cables connect to the under runway mount hidden cylinder. Unlike competitors, the runways and beams are supported off the floor to provide toe and foot protection. JBC44218Q is the only certified alignment lift in its class to meet the current ANSI ALCTV-2006 standard, ALI certified by ETL.

Features

- One piece roll formed decks for added strength and a uniform flat surface.
- Hidden lifting cylinder under the deck improves accessibility and prevents door damage.
- 21 alignment-level safety-locked working heights.
- Built-in air connections for air tools and roller jacks.
- Triple back-up safety systems: mechanical locks on each column, auto engaging mechanical locks, and hydraulic pressure safety valves.

Models

- JBC4812405ST - 4-Post closed front alignment lift. 2-Wheel alignment wheel base (max): 154", Overall length: 235", Lifting capacity: 12,000 lbs.
- JBC44212Q - 4-Post closed front alignment lift. 2-Wheel alignment wheel base (max): 172", Overall length: 266", Lifting capacity: 12,000 lbs.
- JBC44218Q - 4-Post closed front alignment lift. 2-Wheel alignment wheel base (max): 210", Overall length: 304", Lifting capacity: 18,000 lbs.



JBC4812405ST

4-Post Open Front Alignment Lifts

John Bean's 4-Post alignment lifts represent the latest in dependability by delivering a flat and straight runway every time. They also provide the best safety system in the industry. John Bean's three-tier safety system relies on heavily reinforced runways and roll-formed steel columns that minimize deflection and are incredibly durable.

Features

- No tie bar between front runways for totally open access for undercar work.
- One piece roll formed decks for added strength and a uniform flat surface.
- 21 alignment-level safety-locked working heights.
- Built-in air connections for air tools and roller jacks.
- Triple back-up safety systems: mechanical locks on each column, auto engaging mechanical locks, and hydraulic pressure safety valves.

Models

- JBC44214Q - 4-Post open front alignment lift. 2-Wheel alignment wheel base (max): 172", Overall length: 266", Lifting capacity: 14,000 lbs.
- JBC44214QE - 4-Post open front alignment lift. 2-Wheel alignment wheel base (max): 210", Overall length: 304", Lifting capacity: 14,000 lbs.
- JBC44212OQ - 4-Post open front alignment lift. Open center lift, Lifting capacity: 12,000 lbs.
- JBC44212OQE - 4-Post open front alignment lift. Lifting capacity: 12,000 lbs.



JBC44214Q

ALIGNMENT LIFTS - FOUR-POST

SUPPLIED BY: JOHN BEAN CO.

4-Post Value Line Alignment Lifts

Designed with fixed position 22" wide runways. No need to waste time making width adjustments for various sizes of vehicles. Low profile height of 7" allows for easy approach for most vehicles. Safety locks in each column with single point air release system, auto engaging mechanical drop locks and flow control device on the lifting cylinder make up the Triple Safety System ensure operator safety.

Features

- One piece roll formed decks for added strength and a uniform flat surface.
- Hidden lifting cylinder under the deck improves accessibility and prevents door damage.
- Triple back-up safety systems: mechanical locks on each column, auto engaging mechanical locks and hydraulic pressure safety valves.

Models

- JBC43102Q - 4-Post value line alignment lift. Overall deck length: 208", Lifting capacity: 12,000 lbs.
- JBC43102QE - 4-Post value line alignment lift. Overall deck length: 246", Lifting capacity: 12,000 lbs.



JBC43102Q

ALIGNMENT LIFTS - FOUR-POST

SUPPLIED BY: ROTARY LIFT

14K 4-Post Alignment Lift Racks

Versatility. It's the standard around which Rotary's four-post lifts are built. These lifts handle cars, vans, trucks - even light- and medium-duty commercial vehicles with equal ease. If you service a wide variety of vehicles, Rotary's four-post lifts are the right choice. Rotary's four-post models can give you maximum productivity.

Features

- 1/2" steel cable for greater lifting capacity.
- Non-skid surface allows sure grip of tires and a "sure foot" for technicians standing on the lift.
- Filter/regulator/lubricator for clean, lubricated air which will extend the life of your lift and air powered tools.
- Alignment lifts come standard with two 7,000 lb. capacity rolling jacks.
- Roll back bar allows the radius gauge to be placed in the front or back of the slot while keeping a flat runway surface.
- Adjustable latch bars ensure the runways are level when resting on the latch bars at any of the multiple locking positions.



ROTARO14L

Models

- ROTAR14S - 4-Post alignment lift, short length. Maximum wheel base: 158-1/2", Overall length: 18'9", Minimum bay size: 15' x 23'.
- ROTAR14L - 4-Post alignment lift, standard length. Maximum wheel base: 192-1/2", Overall length: 21'7", Minimum bay size: 15' x 26'.
- ROTAR14EL2 - 4-Post alignment lift, extended length. Maximum wheel base: 212-1/2", Overall length: 23'3", Minimum bay size: 15' x 28'.
- ROTARO14L - 4-Post alignment lift, standard length, open front. Maximum wheel base: 192-1/2", Overall length: 22', Minimum bay size: 15' x 26'.
- ROTARO14EL2 - 4-Post alignment lift, extended length, open front. Maximum wheel base: 212-1/2", Overall length: 23'8", Minimum bay size: 15' x 28'.

ALIGNMENT LIFTS - PARALLELOGRAM

SUPPLIED BY: HUNTER ENGINEERING CO

RMHD Parallelogram Lift Rack

The Hunter RMHD 16,000 lb. lifting capacity and heavy-duty construction makes it the most versatile lift rack in the shop.

Features

- The RMHD parallelogram design requires minimum bay width and provides clear access to the jacks in both the front and rear.
- Ratcheting safety locks ensure alignment level at all (20) lock positions, rising up to 65".
- Flush-mounted, full floating 80" slipplates allow the vehicle's rear suspension to "relax" for maximum alignment accuracy.
- Runways are made of heavy-duty 5/16" steel, compared to commonly used 1/4" or 11/64" lighter weight materials.
- Optional 8,000 lb. capacity swing air jacks add capability for lifting vehicles off the runways.

Models

- HUNRMHD - Heavy-duty parallelogram lift rack.
- HUNRMHD43 - HUNRMHD with (2) 8,000 lb. capacity swing air jacks.



HUNRMHD

ALIGNMENT LIFTS - SCISSOR

SUPPLIED BY: HUNTER ENGINEERING CO

RX Scissor Lift Rack

The Hunter RX scissor design requires minimum bay length and provides post-free access to the vehicle.

Features

- Clear service access in the front and rear means there is no beam to work around when making adjustments or using jacks.
- Ratcheting safety locks ensure alignment level at all (18) lock positions.
- The low-voltage feedback system keeps the runways level and safely stops the lift rack if an obstruction.
- Flush-mounted, full floating 80" slipplates allow the vehicle's rear suspension to "relax" for maximum alignment accuracy.
- Extra wide 24" runways allow easy positioning of a vehicle on the lift rack.
- An air line kit is standard and built into the rack, providing connections at the front and rear for air tools and jacks.
- Optional flush-mount shallow pit installation available for RX models.

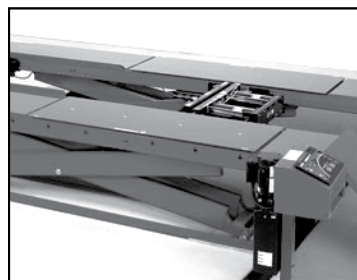
Models

Surface-Mount

- HUNRX-9 - 9,000 lb. capacity scissor lift rack.
- HUNRX-9-43 - HUNRX-9 with (2) 4,500 lb. capacity swing air jacks.
- HUNRX-9-L - Extended 9,000 lb. capacity scissor lift rack.
- HUNRX-9L-43 - HUNRX-9-L with (2) 4,500 lb. capacity swing air jacks.
- HUNRX9LIS - Long Deck RX Lift with PowerSlide locking slipplates, Inflation Station and swing jacks.
- HUNRX9LPS - Long Deck RX Lift with PowerSlide locking slipplates and swing jacks.
- HUNRX-12-L - 12,000 lb. capacity scissor lift rack.
- HUNRX12-L-43 - HUNRX-12-L with (2) 6,000 lb. capacity swing air jacks.
- HUNRX-12-XL - Extended 12,000 lb. capacity scissor lift rack.
- HUNRX12XL-43 - HUNRX-12-XL with (2) 6,000 lb. capacity swing air jacks.
- HUNRX12LIS - RX Lift with PowerSlide locking slipplates, Inflation Station and swing jacks.
- HUNRX12XLIS - Long Deck RX Lift with PowerSlide locking slipplates, Inflation Station and swing jacks.
- HUNRX12XLPS - Long Deck RX Lift with PowerSlide locking slipplates and swing jacks.

Flush-Mount

- HUNRX9P - 9,000 lb. capacity scissor lift rack for flush-mount shallow pit installation.
- HUNRX943P - HUNRX-9 with (2) 4,500 lb. capacity swing air jacks for flush-mount shallow pit installation.
- HUNRX9LP - Extended 9,000 lb. capacity scissor lift rack for flush-mount shallow pit installation.
- HUNRX9L43P - HUNRX-9-L with (2) 4,500 lb. capacity swing air jacks for flush-mount shallow pit installation.
- HUNRX9LPSP - Long Deck RX Lift with PowerSlide locking slipplates and swing jacks for flush-mount shallow pit installation.
- HUNRX12LP - 12,000 lb. capacity scissor lift rack for flush-mount shallow pit installation.
- HUNRX12L43P - HUNRX-12-L with (2) 6,000 lb. capacity swing air jacks for flush-mount shallow pit installation.
- HUNRX12LXP - Extended 12,000 lb. capacity scissor lift rack for flush-mount shallow pit installation.
- HUNRX12XL43P - HUNRX-12-XL with (2) 6,000 lb. capacity swing air jacks for flush-mount shallow pit installation.
- HUNRX12LPSP - RX Lift with PowerSlide locking slipplates and swing jacks for flush-mount shallow pit installation.
- HUNRX12XLPS - Long Deck RX Lift with PowerSlide locking slipplates and swing jacks for flush-mount shallow pit installation.



HUNRX12SL-43

ALIGNMENT LIFTS - SCISSOR

SUPPLIED BY: JOHN BEAN CO.

14K Scissor Alignment Lift

Add versatility and productivity to your alignment bay. 14,000lb. capacity scissor alignment lifts take up less space, start lower, rise higher, and fit into narrower bays. Durable 72-inch "right-side-up" flush-mount maintenance free rear slipplates have strategically positioned openings preventing water and dirt build up. Two versions available, surface-mount and flush-mount. Flush-mount installations provide zero drive-on approach, easy for the lowest profile vehicle. Ideal for locations with low ceiling heights needing a clear floor look and added bay space. 210" deck length with 154" (4-wheel) or 178" (2-wheel) alignment wheelbase (186" service).

Features

- Totally open access between the decks front to rear.
- "Quad counterpoised" lifting system with 4 powerful heavy-duty cylinders to maintain a constant level from floor to full lift height.
- Reinforced 26" wide decks for superb alignment accuracy with cars and dual wheel trucks.
- Full-length base frame accommodates fast installation and adds to rugged durability.
- 8 position adjustable work step on each side for easy access to under hood and steering wheel adjustments.
- Triple safety system with air-actuated mechanical locks, pressure sensing flow control valves and velocity fuses.

Models

- JBC4814605AF - 14K Scissor alignment lift surface-mount.
- JBC4814605FM - 14K Scissor alignment lift flush-mount.

**JBC4814605AF****12K Scissor Alignment Lift**

Scissor-style alignment lifts offer the most economical use of bay space using 25% less space than 4-post lifts and less front to back space than comparable parallel-style lifts.

Features

- Starts Lower - 8-3/4" drive-on height for low profile vehicles.
- Lifts Higher - 72" raised height for comfortable stand-up working condition.
- Hydraulic synchronization provides low maintenance - no chains or cables to wear out.
- 52" approach ramps have gentler drive-on angle for low profile vehicles.

Models

- JBC4812205AF - 12K Alignment lift free center access, five alignment heights.
- JBC4812005AF - 12K Alignment lift, one alignment height.
- JBC4612006 - 12K Alignment lift, flat deck.

**JBC4812205AF****10K Scissor Alignment Lifts**

Available in two wheel base lengths as surface or flush-mount models! Start lower, rise higher and take up less bay space. Five scissor lifts can fit in the same operating space as four 4-post lifts. Surface-mount installed units are only 8-1/2 inches high, with 52 inch long "no scuff" approach ramps allowing easy drive on approach of low profile vehicles.

Features

- Totally open access between the runways front to rear.
- "Proportionally Controlled - Hydraulic Synchronized" lifting systems with 2 powerful heavy-duty lifting cylinders to remain level from floor to 73" of lifting height.
- Durable 72", "Right Side Up" flush-mount, maintenance free slipplates. Oversized roller balls rotate on the underside of each slip plate and not on the runway surface. Strategically positioned openings in the runway under each slip plate quickly disperse water and dirt for maintenance free reliable performance.
- Triple safety system, air-actuated mechanical locks, pressure sensing flow control valves and velocity fuses.

Models

- JBC4810605AF - 10K Alignment lift. 2-Wheel alignment wheel base: 165", Overall length: 254.63".
- JBC481060AFX - 10K Alignment lift. 2-Wheel alignment wheel base: 175", Overall length: 264.63".
- JBC481060AFM - 10K Alignment lift. 2-Wheel alignment wheel base: 165", Overall Length: 218.63".
- JBC48106AFMX - 10K Alignment lift. 2-Wheel Alignment Wheel Base: 175", Overall length: 228.63".

**JBC481060AFX****JBC469050 - 9K Alignment Lift Rack**

Offers the most economical use of bay space using 25% less space than 4-post lifts. All John Bean lifts carry ALI and ETL approvals and certifications and can be wired for alignment applications to keep alignment cables off of the floor. 152" wheel base.



ALIGNMENT LIFT - ACCESSORIES

SUPPLIED BY: HUNTER ENGINEERING CO

Swing Air Jacks

Proven over decades of use, air-operated cylinders raise telescoping arms to contact either the suspension or frame. Four models provide jacking capability for all Hunter alignment lifts.

Features

- Eliminates noise, oil leaks and frequent maintenance that develop on jacks with air-over-hydraulic components.
- Safely lifts to 22" from runway surface with optional risers (18" lift standard). No need for stacking unstable blocks to increase lifting height.
- Safe dual-handle operation-requires both control handles to be used to raise or lower the jack, keeping both hands clear during the lifting process.
- Rolls easily on special rail to reach the vehicle manufacturer's specified jacking points. Less affected by dirt and debris build-up than other jacks that roll in "gutters".
- Flip-up pads provide three levels of contact.

Models

- HUN133-67-1 - 4,500 lb. capacity swing air jack (RX-9).
- HUN133-35-1 - 4,500 lb. capacity swing air jack (Multi-Service, RM).
- HUN133-69-1 - 6,000 lb. capacity swing air jack (RX-12).
- HUN133-62-1 - 8,000 lb. capacity swing air jack (L424, L421, RMHD).



HUN133-69-1

HUN20-593-1 - Communications Interface Kit

Allows sensors to plug directly into the rack, eliminating tangled cables when using traditional sensors.



Drive-Thru Kits

Drive-thru kits convert any Hunter rack to work in a drive-thru application. Adds approach ramps to the front of the rack.

Models

- HUN20-1622-1 - L421/L424 drive-thru kit. Drive-thru kit cannot be used on L421 with Runway Extension Kit.
- HUN2017411 - RX12 drive-thru kit. Adds 57" to the overall length of the rack.
- HUN2016801 - RX9 drive-thru kit.



HUN20-1622-1

HUN20-1587-1 - Runway Extension Kit with Filler Plates

Provides 226-1/2" general service wheelbase and two-wheel alignment capability up to 210-1/2" wheelbase (L421).



HUN51-1696-1 - Additional Clip-On Work Step

Work step makes custom steer or underhood shim work easier.
For use with RX series and RM series lift racks.



ALIGNMENT LIFT - ACCESSORIES

SUPPLIED BY: HUNTER ENGINEERING CO

HUN20-1365-1 - Drive-On Ramp Extension Kit

Four post ramp extensions. Adds 17-1/2" to the length (L424, L421).

**HUN25-129-1 - 14" Stainless Steel Turnplate (2) required**

High quality, free-moving turnplates are critical to performing accurate and fast alignments. Hunter offers many varieties of turnplates to meet every alignment need. Resists corrosion and maintains free movement during the alignment procedure. Stainless steel construction for long trouble-free life. No pointer. For 1-1/2" deep turnplate pockets. (2 required) Stainless turnplate, (2 required). Standard with WA200 systems.

**HUN25-140-1 - 14" Standard Turnplate**

14" turnplate, (2 required). Standard with WA131 systems.

**HUN20-1638-1 - Lift Rack Workbox**

Workbox clips onto either side of rack. Used for storing parts, shims and commonly used tools.

**HUN46-372-1 - Front Filler Plate (2) required**

Fit into standard 1-1/2" turnplate pockets for times when turnplates are not used (2 required)
For use with RX series and RM series lift racks.

**HUN64-50-2 - Rubber Jack Pad (2) required**

Rubber pads cover jack lifting points to prevent damage to the underside of the vehicle (2 required).
For use with RX series and RM series lift racks.



ALIGNMENT LIFT - ACCESSORIES

SUPPLIED BY: JOHN BEAN CO.

Roller Jacks

Wide ranges of capacity of jacks are available. All jacks use air over hydraulic power units providing strong smooth lift performance. All jacks are low in profile meaning that the jack is ready to use at all times, no need to raise the lift to swing into or out of position for use. Smooth positioning is achieved with a calibrated spring-n-roller system that carries the weight of the unloaded jack. Loading the jack transfers the weight from the rollers to an interlocking rail detail to the lift runway.

Models

- JBC145 - Roller jack. Lifting capacity: 4,500 lbs., Raised height: 13.62", Lowered height: 2.31".
- JBC206 - Roller jack. Lifting capacity: 6,000 lbs., Raised height: 11.25", Lowered height: 2.75".
- JBC207 - Roller jack. Lifting capacity: 7,000 lbs., Raised height: 14.12", Lowered height: 2.75".
- JBC216 - Roller jack. Lifting capacity: 6,000 lbs., Raised height: 13", Lowered height: 2.75".
- JBC216E - Roller jack. Lifting capacity: 6,000 lbs., Raised height: 13", Lowered height: 3.75".



JBC145

ALIGNMENT LIFT - ACCESSORIES

SUPPLIED BY: ROTARY LIFT

Swing Air Jacks

Swing air jacks add versatility and utility to your lifts enabling technicians to do a wider variety of service work at their current locations.

Models

- ROTSJ4500 - 4,500 lb. Swing air jack.
- ROTSJ6000 - 6,000 lb. Swing air jack.



ROTSJ4500

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