

# LIFTING EQUIPMENT

## SURFACE MOUNTED LIFTS



### EQUVLXS10 Adapters

The new three-position adapters have rubber contact pads on three sides increasing the positioning capabilities. The height added by these adapters excels the versatility of the lift. The adapters can be laid flat for 4-5/16" (110mm) additional height or on the side for 6-5/16" (160mm). Achieve maximum extension by laying the adapter on end and allowing an additional 8-9/16" (218mm) of height. The VLXS10 also comes with a set of four 1-1/2" rubber block adapters for low-profile vehicles.

### EQUVLXS7 Adapters

The 7,000 lb. capacity low-rise lift comes standard with a set of rubber blocks for quick access to lower profile and unibody frame vehicles. Blocks are 1-1/2" and 3" in height.

### EQUQL210i

#### Rotary® Inground SmartLifts®

- Removable non-skid cover plate with a leak resistant seal allows easy access to interior system. Fully contained polymer composite housing with SMARTGUARD® Protection protects the entire unit from the environment. A flexible entry boot keeps moisture from seeping between the PVC chase and entry. Also includes a containment access hole for visual inspection.
- New patent pending LDS signals the user if moisture accumulates in the containment and helps prevent the accumulation of water.
- Patent pending air actuated air cylinder uses stainless steel and polymer construction for maximum corrosion resistance and service life. Locks engage at multiple locking positions. The latch release control is conveniently located on the easy touch control panel.
- EasyAccess™ cylinder design does not require bleeding and can be removed for servicing while other components remain in place. All hose connections can be accessed from floor level. (Patent Pending)
- Three-position flip-up adapters on 10,000 lb. lifts and stackable pad adapters for 12,000 lb. lifts are perfect for cars, vans and trucks.
- Compact, low-profile super-structure features a non-skid coating for easy drive over capability.
- Three-position wheel spotting dish.
- 8-1/2" (216 MM) guide pistons with SMARTGUARD® coating.
- Stainless steel hose fittings on equalizer bar.

#### SmartLift Features

- Capacities: 10,000 to 12,000 lbs
- Saves space — 11 SmartLifts fit in the space of 10 surface lifts
- Low-profile arms great for vehicles with low ground clearance
- No hard piping between the lift and its power source
- Without columns, risk of vehicle damage is eliminated, shop appearance and employee workspace is improved.
- 60 gallons less oil than old low-pressure inground lifts

#### Model EQUQL210i Specifications:

Rise:	81-1/4"
Width Overall:	93-1/4"
Lift Capacity:	10,000 lbs.
Drive Thru Clearance:	84-1/2"
Min. Bay Size:	11" x 24"

### EQUVLXS10 and EQUVLXS7 Rotary® Low-Rise Lifts

- 7,000 and 10,000 lbs. capacity models are available.
- Drive-over ramps and side rails provide the width to support wider vehicles during approach.
- Dual lifting cylinders provide the power required to lift a 10,000 lbs. vehicle.
- Includes four heat-resistant non-slip pads which provide a great contact surface for adapters or vehicle pick-up points.
- VLXS series VersaLifts come standard with a three-position wheel spotting dish for accurate spotting of vehicles.



Model Specifications:	EQUVLXS7	EQUVLXS10
Rise High Step:	24-3/4"	30-5/16"
Rise Mid Step:	N/A	28-1/16"
Rise Low Step:	N/A	26-1/16"
Rise Short Pad:	23-1/4"	23-1/4"
Rise Flat:	21-3/4"	21-3/4"
Length Overall:	90-1/2"	90-1/2"
Width Overall:	78-1/2"	78-1/2"
Lift Capacity:	7,000 lbs.	10,000 lbs.



**ROTARY LIFT®**  
The World's Most Trusted Lift™



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The World's Most Trusted Lift™



**A dual function Sentinel Lock™ system** features a patented (U.S. Patent No. 6,446,757) slack cable guide arm that stays "on guard" to manage the lock latch.

**NEW**  
1/2" steel cable for greater lifting capacity

Filter/regulator/lubricator for clean, lubricated air which will extend the life of your lift and air powered tools

Adjustable latch bars ensure the runways are level when resting on the latch bars at any of the multiple locking positions

Stainless steel turning radius gauges standard

**NEW**  
Longer slip plate redesigned to accommodate four wheel alignments up to 158"

**14,000 lbs. Capacity Four-Post Lifts**

**NEW**  
Redesigned runways to handle higher capacity vehicles and longer wheelbases up to 212-1/2"

### EQUSM014

#### Rotary® Four-Post Surface Mounted Lifts

- Adjustable latch bar ensures the runways are level when resting on the latch bar at any of the multiple locking positions.
- Molded yoke cap covers that keep debris away from yoke sheaves.
- Non-welded track to accommodate rolling jacks and drain pans.
- Dual function sentinel lock system features a patent pending slack cable guide arm that stays "on guard" to manage the lock latch. In a slack cable situation, the lock system kicks the lock into position. Fewer parts, less opportunity for service issues and more piece of mind.
- Rotary® four-post general service lifts can be equipped with bolt on alignment equipment. All Rotary® alignment equipment is fully compatible with the new technology alignment systems on the market today.
- Controls are mounted on the front column for technician convenience.
- Rotary® power unit located on the front column for more efficient performance.
- Cylinder under runway eliminates any opportunity for vehicle door or mirror damage.
- Non Skid Surface allows sure grip of tires and a "sure foot" for technicians standing on the lift.
- Protective strips on ramp ends eliminate floor gouging.
- More Rise — A full 73-3/4" of rise, the highest in the industry.
- Movable and replaceable rolling jack stops are made of "conveyor belt strength" rubber, giving the technician full flexibility to limit the travel of 1 or 2 jacks.
- Cable inspection port allows a view of 100% length of the cable, an ANSI requirement.
- Filter/lubricator/regulator for clean, lubricated air which will extend the life of your lift and air powered tools.
- Automatic ramp chocks engage when the lift is raised.

#### Specifications:

Model:	General Service SM14	SM014	Alignment AR14	AR014
14,000 lbs. capacity	•	•	•	•
Filter/regulator/lubricator	•	•	•	•
Open-end design		•		•
1/2" diameter steel cable	•	•	•	•
Cylinder located under the runway	•	•	•	•
Dual function Sentinel Lock™ System	•	•	•	•
Accommodates up to 212-1/2" wheelbase		•	•	•
Stainless steel radius gauges standard			•	•
Two rolling jacks standard			•	•
Compatible with the new technology alignment systems on the market today			•	•
Optional bolt-on alignment kit available*	•	•		

\*Bolt-on alignment equipment is compatible with the new technology alignment equipment on the market today.

#### Model EQUSM014 Specifications:

Rise: 73-3/4"  
Length Overall: 19' 2"  
Width Overall: 11' 7"  
Lift Capacity: 14,000 lbs.



# LIFTING EQUIPMENT

## SURFACE MOUNTED LIFTS

### Rotary® Twin-Post Surface Mounted Lifts

#### Technician Productivity Features:

- Adjustable height option on two-post column extensions gives you flexibility during installation to maximize the vehicles you can service with each lift.
- The patented "Double S" (US Patent No. 5,009,287) single piece construction column design provides a channel for the bearings to travel that maximizes the strength of the column and surface contact area of the bearing.
- Slider block bearings of Tivar® 1000 polyethylene are self-lubricating and maintenance free.
- Arm restraints make positioning of arms easy. They engage when the lift is raised and automatically disengage when the lift is fully lowered.
- High-pressure cylinders in each column provide maximum lifting force and smooth operation.
- Overhead padded switch bar to prevent damaging a vehicle from being raised too high.
- Standard three-position flip-up adapters allow for quick and easy contact with pickup points on a variety of vehicles. We offer the highest standard adapter reach in the industry, often avoiding the need for additional adapters. Low profile arm design on all 10,000 lbs. capacity models (4" from floor to flip-up adapter min. height) accommodate more vehicles.

#### Three-Stage/Front and Two-Stage/Rear arms:

The three-stage arm increases overall arm sweep and minimum arm reach to precisely lift vehicles that have:

- Uni-body construction
- Visually marked pick-up points on the vehicle
- Wider wheelbase and lower profile
- A short or long wheelbase

### EQUA10i EQUSPA10

#### Rotary® Two-Post Surface Mounted Lift

10,000 lbs. Capacity

#### True Asymmetrical Lifts

- Columns are rotated 30°
- Places the approximate center of gravity of the vehicle in line with the optimum load capability of the column
- Allows maximum door opening on passenger cars for improved access to vehicle interior and under the dash

#### Operating Controls and Power Unit Configuration —

##### EQUSPA10:

- Conventional two-hand operation
- Power unit down
- Manual two-handed release locking system

##### EQUA10i:

#### inbay® Features:

- One touch controls on each column
- Power unit up and out of the way
- Integrated air/electric connections
- Tool storage rack
- Electronic locks



#### Model Specifications:

Rise:	78"
Overall Height:	11' 8-1/2"
Width Overall:	11' 5-1/2"
Lift Capacity:	10,000 lbs.
Drive Thru Clearance:	95-1/4"
Ceiling Height Required:	12'

## Raptor™

Raptor lifts are manufactured to high-quality standards for years of dependable service at a reasonable cost.

#### Features:

- Automatic arm restraint gears
- Large pad adapters with adapter extensions are standard. Includes four each of the following extensions: 1.5"(38mm), 3"(76mm) and 6"(152mm)
- Durable powder coat finish
- Overhead padded switch bar to avoid vehicle damage from being raised too high
- Can lift passenger cars, trucks, and vans up to 10,000 lbs.
- Position vehicle doors in front of columns or behind to avoid door damage
- Top mounted pull design hydraulic cylinder. The rod is protected behind the carriage to prevent damage
- Re-setting safety locks in each column
- Two full-stroke cylinders with overhead cable for equalization
- Available in blue with yellow arms and adapters

#### Specifications:

Model Number:	EQRP10
Lifting Capacity:	10,000 lbs.
Rise:	77"
Height Overall:	143-1/8"
Width Overall:	133"
Drive-Thru Clearance:	99"
Width Inside Columns:	111-3/4"
Ceiling Height Required:	144-1/8"
Max Load Per Arm:	2,500 lbs.
Min. Bay Size:	12' x 24'



### Professional Automotive Service Two-Post Models

#### EQUSSPOA7LC

- 7,000 lbs. Capacity
- Asymmetric Two-Post lift
- Low ceiling application
- Conventional controls located on power unit
- Two stage arms with three position flip-up adapters

#### EQUSSPOA7LC-RA

- 7,000 lbs. Capacity
- Asymmetric Two-Post lift
- Low ceiling application
- Conventional controls located on power unit
- Includes rubber adapters

#### EQUSSPOA82

- 7,000 lbs. Capacity
- Asymmetric Two-Post lift
- Pad contact lift
- Conventional controls located on power unit

#### EQUA7Pi

- 7,000 lbs. Capacity
- Asymmetric Two-Post lift
- Pad contact lift
- inbay® controls and additional features
- Two stage arms with three position flip-up adapters

#### EQUSSPOA10

- 10,000 lbs. Capacity
- Asymmetric Two-Post lift
- Conventional controls located on power unit
- Two stage arms with three position flip-up adapters

#### EQUA10i

- 10,000 lbs. Capacity
- Asymmetric Two-Post lift
- inbay® controls and additional features
- Two stage arms with three position flip-up adapters

#### EQUSSPO10

- 10,000 lbs. Capacity
- Symmetric Two-Post Lift
- Conventional controls located on power unit
- Two stage arms with three position flip-up adapters

#### EQUSS10i

- 10,000 lbs. Capacity
- Symmetric two-post lift
- inbay® controls and additional features
- Two stage arms with three position flip-up adapters

#### EQUSSP012

- 12,000 lbs. Capacity
- Symmetric Two-Post Lift
- Conventional controls located on power unit
- Stackable adapters

#### EQUSS12i

- 12,000 lbs. Capacity
- Symmetric two-post lift
- inbay® controls and additional features
- Stackable adapters
- Download written specifications and cad drawings

#### EQUSSP015

- 15,000 lbs. Capacity
- Conventional controls

#### EQUSS15i

- 15,000 lbs. Capacity
- inbay® controls and additional features
- Adjustable height: 13'6" to 16'6"

#### EQUSSP018

- 18,000 lbs. Capacity
- Conventional controls

#### EQUSS18i

- 18,000 lbs. Capacity
- inbay® controls and additional features
- Adjustable height: 13'6" to 16'6"

#### EQUSSL07

- 7,000 lbs. Capacity
- Symmetric two-post lift
- Conventional controls located on power unit
- Designed to lift three and four wheel turf maintenance vehicles

### High Capacity Four-Post Lifts

#### EQUSSM18

- 18,000 lbs. Capacity
- Wheel base max: 194" to 230"

#### EQUSSM300

- 30,000 lbs. Capacity
- 3 Models
- Wheel base max: 235" to 307"

#### MANUFACTURER KEY

Buffalo Tools – PAI  
 Clarke – CLK  
 Hein-Werner Automotive – HWA  
 Herkules – HER  
 OTC – OTC  
 Performance Tool/Wilmar – WLM  
 Professional Hydraulic Jacks – PRH  
 Raptor – EQU  
 Rotary Lifts – EQU



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Cincinnati, OH

1-800-354-0408

[www.koiautoparts.com](http://www.koiautoparts.com)

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