

# 2009



**BP BendPak**  
PROVIDING AUTOMOTIVE SERVICE SOLUTIONS

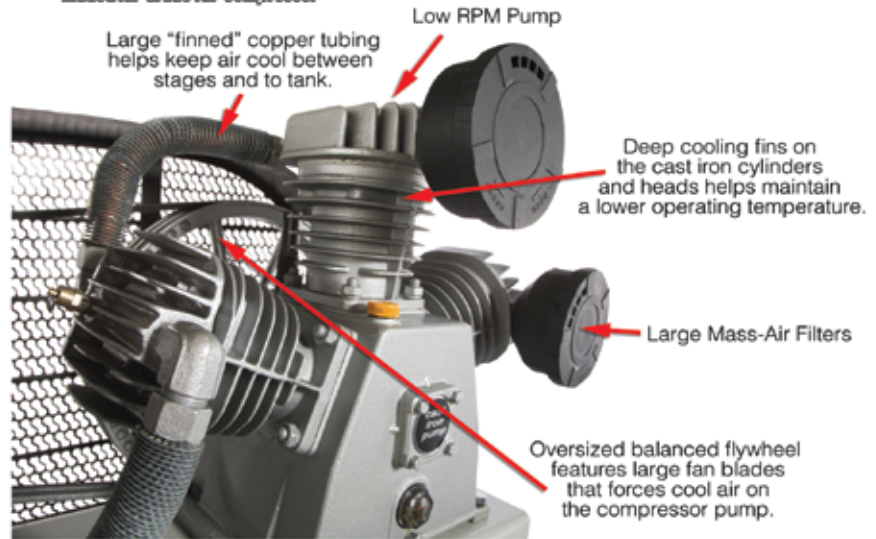
*The Benchmark of Quality™*



# Air Compressors

**Tri-Max<sup>2</sup>**  
**Extreme Duty**  
 Industrial-Grade Air Compressor

**Staying Cool Under Pressure**



## Features

- ASME rated tank
- 5 HP or 7.5 HP energy-efficient UL approved **Baldor™** energy-efficient motor
- **Siemens™** UL approved electric mag-starter
- Precision balanced fan-type flywheel
- Fully-enclosed belt guard
- Oversized tapered roller bearings
- Precision balanced forged ductile iron crankshaft
- Forged aluminum alloy pistons
- Forged aluminum alloy connecting rods
- 100% cast iron block
- Cast iron cylinders and heads with deep cooling fins
- Forced-air after cooler
- Oil sight gauge
- Automatic pressure switch
- Integrated pressure unloader valve for loadless starts
- ASME rated overload pressure safety valve
- Pressure gauge with service valve
- Oversize replaceable air filters
- Automatic start / stop
- No need for harmonic balancer



**Baldor Motors Are Best** - For almost two decades, annual surveys conducted by leading industrial related magazines and independent research companies show **Baldor™** continues to be preferred by design engineers, end-users, and distributors. For over 80 years, **Baldor™** has been dedicated to providing customers with the best value and reliability in energy-efficient industrial electric motors.



SPECIFICATIONS	LS580V-601	LS580V-603	LS7580V-601	LS7580V-603
MODEL:	LS580V-601	LS580V-603	LS7580V-601	LS7580V-603
Tank:	300 L / 80 Gal / Vertical	300 L / 80 Gal / Vertical	300 L / 80 Gal / Vertical	300 L / 80 Gal / Vertical
Voltage (*)	208-230 Volts	230/460 Volts	230 Volts	230/460 Volts
H.P.	5	5	7.5	7.5
Phase	1	3	1	3
Hertz	60	60	60	60
Rated Amps	22	13.6	31	20/10
Running Load Amps	20.5	13 / 6.5	29	19.4/9.7
Pump	3 Cylinder / 2 Stage	3 Cylinder / 2 Stage	3 Cylinder / 2 Stage	3 Cylinder / 2 Stage
RPM	950	950	1180	1180
Lubrication	Splash / Oil	Splash / Oil	Splash / Oil	Splash / Oil
CFM @ 90 PSI	22.8	22.8	28.5	28.5
CFM @ MAX PSI	20.2	20.2	25.3	25.3
MAX PSI	175	175	175	175

\*Special Voltages Available Upon Request  
 The design, material and specifications are subject to change without notice.



Choosing a BendPak **TRI-MAX™** air compressor for your air system needs means you'll get leading-edge technology from a world leader in automotive service equipment. BendPak **TRI-MAX™** Series compressors have earned their reputation as an industry leader by meeting rigorous demands placed on them every day in businesses like automotive and body repair to manufacturing and industrial service. These ASME certified power-house air compressors feature the renowned **TRI-MAX™** extreme-duty three-cylinder pump that has been designed and manufactured to operate with maximum efficiency under all load conditions. The **100% cast-iron TRI-MAX™** Series pump features simple splash lubrication for total reliability and a "W-3" finned cylinder configuration that provides 360° cooling. A large pump that puts out a lot of air with little noise is due to the slower RPM speed and two-stage design, a special feature of every **TRI-MAX™** Series pump. Because they operate at slower speeds than other compressors and feature large-diameter finned copper tubing between stages, they have a lower operating temperature, which ultimately achieves maximum compressor efficiency with less moisture contamination.

## THE POWER OF THE SCREW

The rotary screw air compressor has become a popular source of compressed air for industrial applications. A major reason is its simple compression concept: air enters a sealed chamber where it is trapped between two contra-rotating asymmetrical screws. As these rotors intermesh, they reduce the volume of trapped air and deliver it compressed to the proper pressure level. Combined with continuous contact cooling, the rotary screw air compressor is able to operate with temperatures approximately half of those generated by a typical reciprocating piston compressor. The lower temperature enables the compressor to operate in a "fully loaded" continuous-duty cycle, 24 hours a day, 365 days a year. The ability to run for extended periods of time alone makes the rotary compressor ideal for demanding industrial applications.



## Features

- Variable-speed drive controls with timed shutdown
- Efficiency and reliability are designed into the asymmetric profile screw set with excellent inlet flow characteristics
- Precision-aligned, high-quality roller bearings are designed to withstand the most demanding conditions and extend service life
- Asymmetric rotary screw with oil injection
- Hush-Quiet™ super-silenced insulated enclosure
- Compact design
- Fully open access doors for easy service
- Phase protection
- Automatic dual-control energy saver
- Dual filtration
- Spin-on oil filter
- Spin-on oil separator
- Heavy-duty inlet filter
- Air-cooled after cooler
- Triple-belt drive
- Integrated electronic control panel
- Outlet air pressure
- Hour counter
- Oil temperature
- Pressure differential meter
- Maintenance information
- Custom operating parameters
- Calendar
- Start, stop and emergency stop buttons
- Comprehensive safety system
- Warning for all shutdown
- Dirty air filter warning
- Main motor overload shutdown
- Periodic maintenance warnings
- Energy shutdown
- Pressure relief valve
- Phase or sequence shutdown
- Rotor lock protection
- Short-circuit protection
- Unbalance protection
- Emergency stop button
- High screw set discharge temperature pre-warning
- High screw set discharge temperature shutdown
- High discharge pressure shutdown
- Temperature sensor fault shutdown



Shown with optional 120-gallon tank.



Rotary-Screw Compressor



3 Phase, 18 – 22 amp, 15 Hp Motor



Dual Filtration & Oil Separator

# HUSH Quiet™

SPECIFICATIONS	
MODEL	LS15RS
Horsepower	15 Hp
Cubic feet per minute @ 150 psi	52 CFM
Cubic feet per minute @ 120 psi	58 CFM
Cubic feet per minute @ 90 psi	65 CFM
Maximum pressure	150 psi
Voltage	208 V – 230 V
Phase	3 Ph
Amps	18 amp – 22 amp
Optional receiver	120 gallons / vertical
Noise level	63 dB @ 3 ft
Revolutions per minute	3,500 rpm
Duty	continuous
Lubricant/refrigerant	PowerCool polyglycol ester blend
Ambient temperature range	33° F – 104° F / 0.56° C – 40° C
Width	31" / 787 mm
Depth	44" / 1,118 mm
Height	43" / 1,092 mm
The design, material and specifications are subject to change without notice.	



# 2-Post Asymmetric



Shown with optional equipment.

### Optional Frame Cradle Pad



### Superior Carriage Construction

Take a close look at our lift carriages. You'll notice our 53" tall carriages are considerably taller than most which minimizes the stress placed on the load bearings and columns.



### Single-Point Lock Release



### Sprinter™ Capable

An optional bolt-on top extension raises the overhead bar another 24" providing clearance for high-ceiling vehicles. Optional arm configurations may also be required.



### Oversize Cable Sheaves



### Direct-Drive Cylinders



### 3" and 6" Stackable Adapters



### Optional Screw Pads

## Features

- 10,000 pound lifting capacity
- Wide or narrow configuration
- Exclusive "Tru-Metric" arm design provides more versatile arm positioning
- 30-degree rotated single piece columns
- Single-point safety release
- Dual hydraulic "Direct-Drive" cylinders
- Electric/hydraulic power system
- Large, 17" x 19" A36 steel base plate
- Self-lubricating dura-glide UHMW polyethylene bearing system
- Safety locks in each column spaced every 3-inches
- Automatic arm restraints
- Features heavy-duty 3/8" aircraft cable
- Oversized sheave diameter reduces cable fatigue
- Padded overhead safety-shutoff bar
- Eight piece truck and van adapter set standard
- Triple-telescoping/low-profile arms
- Versatile drop-in contact pads with stackable adapters

### TWO-POST MODELS / HEAVY-DUTY / ASYMMETRIC

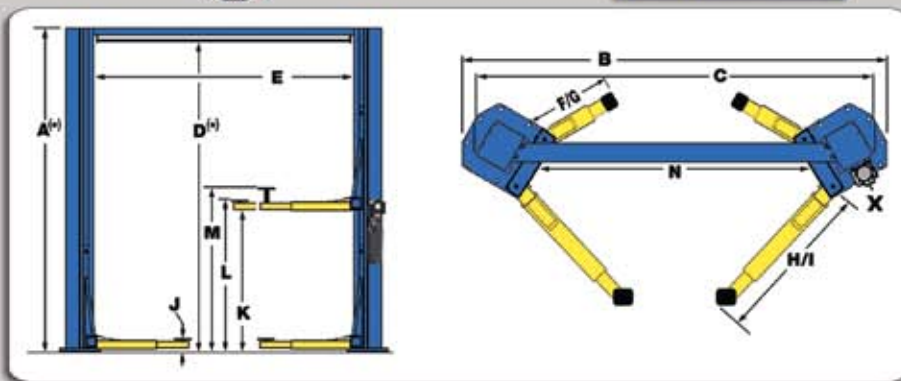
MODEL	XPR-10AC	XPR-10ACX
Lifting Capacity*	10,000 Lbs. / 4536 Kg.	10,000 Lbs. / 4536 Kg.
*Max Capacity / Front Axle	5,000 Lbs. / 2268 Kg.	5,000 Lbs. / 2268 Kg.
*Max Capacity / Rear Axle	5,000 Lbs. / 2268 Kg.	5,000 Lbs. / 2268 Kg.
A - Height Overall: (*)	145" / 3683 mm.	145" / 3683 mm.
B - Width Overall (Outside of Base Plate):	132" / 3353 mm.	145" / 3683 mm.
C - Width (Outside of Columns):	128" / 3251 mm.	135" / 3429 mm.
D - Floor To Overhead Switch: (*)	141" / 3581 mm.	141" / 3581 mm.
E - Inside Columns:	89" / 2515 mm.	112" / 2845 mm.
F - Reach (Front Arm Min.):	21" / 533 mm.	25" / 635 mm.
G - Reach (Front Arm Max.):	41" / 1041 mm.	48" / 1168 mm.
H - Reach (Rear Arm Min.):	42" / 1067 mm.	42" / 1067 mm.
I - Reach (Rear Arm Max.):	60" / 1524 mm.	60" / 1524 mm.
J - Min. Pad Height:	4" / 102 mm.	4" / 102 mm.
K - Rise:	69" / 1753 mm.	69" / 1753 mm.
L - Max Lift Height (Pad Only):	73" / 1854 mm.	73" / 1854 mm.
M - Max Lift Height (6" Adapter):	79" / 2007 mm.	79" / 2007 mm.
N - Drive-Thru Clearance:	89" / 2261 mm.	102" / 2591 mm.
Motor (**)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.
Time of full Rise:	45 Seconds	45 Seconds
Max Load Per Arm:	2,500 Lbs. / 1134 Kg.	2,500 Lbs. / 1134 Kg.

\* An optional bolt-on top extension for columns raises the overhead bar an additional 24". Must be ordered from factory at time of order.  
 \*\* Special Voltages Available Upon Request.  
 The design, material and specifications are subject to change without notice.



BendPak Inc. is a member of the Automotive Lift Institute

## Dimensions



# 2-Post Clearfloor



Shown with optional equipment.

## Optional Frame Cradle Pad



## Superior Carriage Construction

Take a close look at our lift carriages. You'll notice our 53" tall carriages are considerably taller than most which minimizes the stress placed on the load bearings and columns.



## Single-Point Lock Release



Shown with optional turf-lift attachments.



## Sprinter™ Capable

An optional bolt-on top extension raises the overhead bar another 24" providing clearance for high-ceiling vehicles. Optional arm configurations may also be required.



## Oversize Cable Sheaves



## Direct-Drive Cylinders



## 3" and 6" Stackable Adapters



## Optional Screw Pads

## Features

- 10,000-pound lifting capacity
- Wide or narrow configuration
- Single piece columns
- Single point safety release
- Dual hydraulic "Direct-Drive" cylinders
- Electric/hydraulic power system
- Large, 17" x 19" A36 steel base plate
- Self-lubricating dura-glide UHMW polyethylene bearing system
- Safety locks in each column spaced every 3-inches
- Automatic arm restraints
- Features heavy-duty 3/8" aircraft cable
- Oversized sheave diameter reduces cable fatigue
- Padded overhead safety-shutoff bar
- Eight piece truck and van adapter set standard
- Triple-telescoping/low-profile arms
- Versatile drop-in contact pads with stackable adapters

## TWO-POST MODELS / HEAVY-DUTY / STANDARD SYMMETRIC

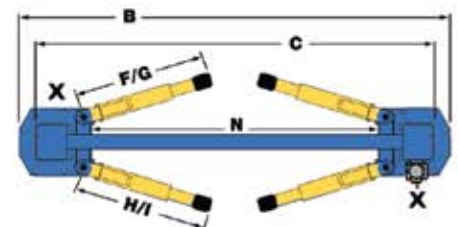
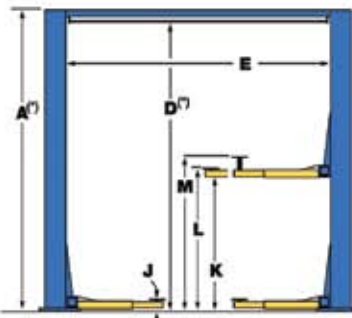
MODEL	XPR-10C	XPR-10CX
Lifting Capacity*	10,000 Lbs. / 4536 Kg.	10,000 Lbs. / 4536 Kg.
*Max Capacity / Front Axle	5,000 Lbs. / 2268 Kg.	5,000 Lbs. / 2268 Kg.
*Max Capacity / Rear Axle	5,000 Lbs. / 2268 Kg.	5,000 Lbs. / 2268 Kg.
A - Height Overall: (*)	145" / 3683 mm.	145" / 3683 mm.
B - Width Overall (Outside of Base Plate)	132" / 3353 mm.	145" / 3683 mm.
C - Width (Outside of Columns):	127" / 3226 mm.	140" / 3566 mm.
D - Floor To Overhead Switch: (*)	141" / 3581 mm.	141" / 3581 mm.
E - Inside Columns:	102" / 2791 mm.	115" / 2921 mm.
F - Reach (Front Arm Min.):	25" / 635 mm.	26" / 711 mm.
G - Reach (Front Arm Max.):	46" / 1168 mm.	55" / 1397 mm.
H - Reach (Rear Arm Min.):	34" / 864 mm.	34" / 864 mm.
I - Reach (Rear Arm Max.):	55" / 1397 mm.	55" / 1397 mm.
J - Min. Pad Height:	4" / 102 mm.	4" / 102 mm.
K - Rise:	69" / 1753 mm.	69" / 1753 mm.
L - Max Lift Height (Pad Only):	73" / 1854 mm.	73" / 1854 mm.
M - Max Lift Height (6" Adapter):	79" / 2007 mm.	79" / 2007 mm.
N - Drive-Thru Clearance:	93" / 2362 mm.	106" / 2692 mm.
Motor (**)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.
Time of Full Rise:	45 Seconds	45 Seconds
Max Load Per Arm:	2,500 Lbs. / 1134 Kg.	2,500 Lbs. / 1134 Kg.

\* An optional bolt-on top extension for columns raises the overhead bar an additional 24". Must be ordered from factory at time of order.  
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## Dimensions



Note: Power unit can be located at either "X" location.



# 2-Post Floorplate



Shown with optional equipment.

## Optional Frame Cradle Pad

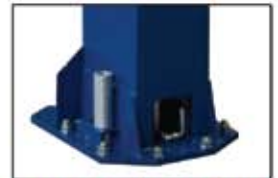


## Superior Carriage Construction

Take a close look at our lift carriages. You'll notice our 53" tall carriages are considerably taller than most which minimizes the stress placed on the load bearings and columns.



## Single-Point Lock Release



## Heavy-Duty Lift Columns



## Optional Screw Pads



## Oversize Cable Sheaves



## Optional Frame Cradle Adapters



## 3" and 6" Stackable Adapters



## Optional Steel Lifting Pads

## Features

- 9,000 pound lifting capacity
- Short column for low-ceiling installations
- Wide or narrow configuration
- Single-piece columns
- Single point safety release
- Chain lifting system combined with dual hydraulic cylinders
- Electric/hydraulic power system
- Large, 17" x 19" A36 steel base plate
- Self-lubricating dura-glide UHMW polyethylene bearing system
- Safety locks in each column spaced every 3-inches
- Automatic arm restraints
- Features heavy-duty 3/8" aircraft cable
- Oversized sheave diameter reduces cable fatigue
- Eight piece truck and van adapter set standard
- Triple-telescoping/low-profile arms
- Versatile drop-in contact pads with stackable adapters

## TWO-POST MODELS / FLOORPLATE / CHAIN-OVER

MODEL	XPR-9F	XPR-9FX
Lifting Capacity*	9,000 lbs. / 4082 kg.	9,000 lbs. / 4082 kg.
*Max Capacity / Front Axle	4,500 lbs. / 2041 kg.	4,500 lbs. / 2041 kg.
*Max Capacity / Rear Axle	4,500 lbs. / 2041 kg.	4,500 lbs. / 2041 kg.
A - Height Overall:	128" / 3251 mm.	128" / 3251 mm.
B - Width Overall (Outside of Base Plate)	132" / 3353 mm.	145" / 3683 mm.
C - Width (Outside of Columns):	124" / 3150 mm.	137" / 3480 mm.
D - Cover Height:	2" / 51 mm.	2" / 51 mm.
E - Inside Columns:	102" / 2591 mm.	115" / 2921 mm.
F - Reach (Front Arm Min.):	25" / 635 mm.	28" / 711 mm.
G - Reach (Front Arm Max.):	46" / 1168 mm.	55" / 1397 mm.
H - Reach (Rear Arm Min.):	34" / 864 mm.	34" / 864 mm.
I - Reach (Rear Arm Max.):	55" / 1397 mm.	55" / 1397 mm.
J - Min. Pad Height:	4" / 102 mm.	4" / 102 mm.
K - Rise:	72" / 1829 mm.	72" / 1829 mm.
L - Max Lift Height (Pad Only):	76" / 1930 mm.	76" / 1930 mm.
M - Max Lift Height (6" Adapter):	82" / 2083 mm.	82" / 2083 mm.
N - Drive-Thru Clearance:	93" / 2362 mm.	106" / 2692 mm.
Motor (*)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.
Time of Full Rise:	45 Seconds	45 Seconds
Max Load Per Arm:	2,250lbs. / 1021 Kg.	2,250lbs. / 1021 Kg.

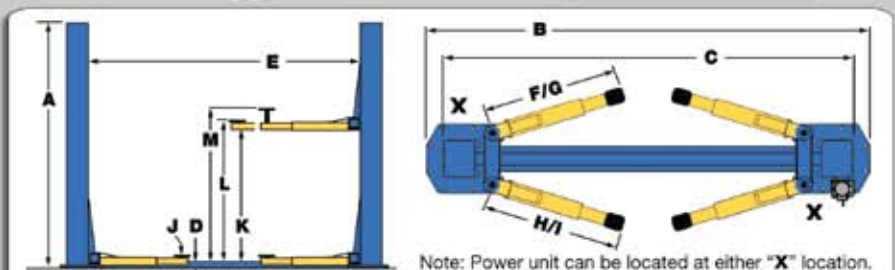
\* Special Voltages Available Upon Request.

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## Dimensions



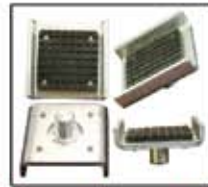
# 2-Post Floorplate



Optional Frame Cradle Pad



Optional Screw Pads



Optional Frame Cradle Adapters

## Superior Carriage Construction

Take a close look at our lift carriages. You'll notice our 53" tall carriages are considerably taller than most which minimizes the stress placed on the load bearings and columns.



Single-Point Lock Release



Oversize Cable Sheaves



Direct-Drive Cylinders



3" and 6" Stackable Adapters



Optional Steel Lifting Pads

## Features

- 9,000- to 12,000-pound lifting capacity
- Wide or narrow drive-thru configurations
- Single-piece columns
- Single point safety release
- Dual hydraulic "Direct-Drive" cylinders
- Electric/hydraulic power system
- Large, 19" x 20" A36 steel base plate on XPR-9's
- Large, 25" x 22" A36 steel base plate on XPR-12FD
- Self-lubricating dura-glide UHMW polyethylene bearing system
- Safety locks in each column spaced every 3-inches
- Automatic arm restraints
- Heavy-duty dual 3/8" equalizer cables with oversize sheaves on XPR-9FD and XPR-9FDX
- Heavy-duty 1/2" equalizer cables with oversize 6" sheaves on XPR-12FD
- Eight piece truck and van adapter set standard
- Triple-telescoping/low-profile arms on XPR-9FD
- Triple-telescoping/low-profile arms on XPR-9FDX
- Triple-telescoping arms on XPR-12FD
- Versatile drop-in contact pads with stackable adapters

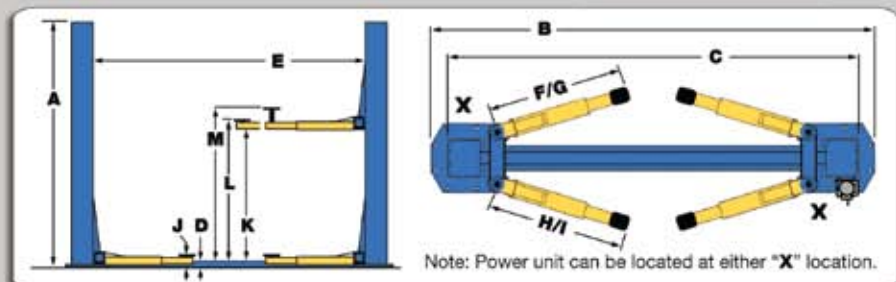
TWO-POST MODELS / FLOORPLATE / DIRECT-DRIVE			
MODEL	XPR-9FD	XPR-9FDX	XPR-12FD
Lifting Capacity*	9,000 lbs. / 4082 kg	9,000 lbs. / 4082 kg	12,000 Lbs. / 5443 Kg
*Max Capacity / Front Axle	4,500 lbs. / 2041 kg	4,500 lbs. / 2041 kg	6,000 lbs. / 2722 Kg
*Max Capacity / Rear Axle	4,500 lbs. / 2041 kg	4,500 lbs. / 2041 kg	6,000 lbs. / 2722 Kg
A - Height Overall:	145" / 3683 mm	145" / 3683 mm	144" / 3403 mm
B - Width Overall (Outside of Base Plate)	132" / 3353 mm	145" / 3683 mm	155" / 3937 mm
C - Width (Outside of Columns):	124" / 3150 mm	137" / 3480 mm	146" / 3708 mm
D - Cover Height:	2" / 51 mm	2" / 51 mm	2" / 51 mm
E - Inside Columns:	102" / 2791 mm	115" / 2921 mm	118" / 2997 mm
F - Reach (Front Arm Min.):	25" / 635 mm	28" / 711 mm	32" / 813 mm
G - Reach (Front Arm Max.):	46" / 1168 mm	55" / 1397 mm	60" / 1524 mm
H - Reach (Rear Arm Min.):	34" / 864 mm	34" / 864 mm	32" / 813 mm
I - Reach (Rear Arm Max.):	55" / 1397 mm	55" / 1397 mm	60" / 1524 mm
J - Min. Pad Height:	4" / 102 mm	4" / 102 mm	5" / 127 mm
K - Rise:	69" / 1753 mm	69" / 1753 mm	69" / 1753 mm
L - Max Lift Height (Pad Only):	73" / 1854 mm	73" / 1854 mm	74" / 1880 mm
M - Max Lift Height (6" Adaptor):	79" / 2007 mm	79" / 2007 mm	80" / 2032 mm
N - Drive-Thru Clearance:	93" / 2362 mm	106" / 2692 mm	103" / 2616 mm
Motor (*)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.
Time of full Rise	45 Seconds	45 Seconds	55 Seconds
Max Load Per Arm:	2,250Lbs. / 1021 Kg.	2,250Lbs. / 1021 Kg.	3,000Lbs. / 1361 Kg.

\* Special Voltages Available Upon Request.  
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## Dimensions



# 2-Post Super Duty



Shown with optional equipment.

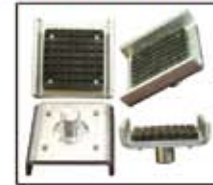


Shown with optional equipment.

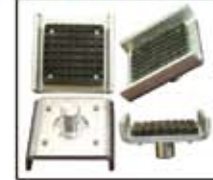
## Optional Frame Cradle Pad



## Optional Screw Adapters



## Optional Frame Cradle Adapters



## Superior Carriage Construction

Take a close look at our lift carriages. You'll notice our 53" tall carriages are considerably taller than most which minimizes the stress placed on the load bearings and columns.



## Single-Point Lock Release



## Heavy Baseplate



## Direct-Drive Cylinders



## 3" and 6" Stackable Adapters



## Optional Steel Lifting Pads

## Features

- 12,000 - 18,000 lbs. lifting capacities
- Dual-Synchro equalization system for equal lifting
- "Dura-Glide" UHMW polyethylene load bearings
- Single-piece columns
- Dual "Direct-Drive" cylinders
- Single-point safety release
- Automatic arm restraints
- Eight piece truck and van adapter set standard
- Padded overhead safety shut-off bar
- Oversize column base plates
- Safety locks in each column spaced every 3-inches
- Heavy-duty 1/2" equalizer cables
- Convenient storage is included for truck and van adapters
- Triple-telescoping arms on XPR-12C
- Versatile drop-in contact pads with stackable adapters

### TWO-POST MODELS / SUPER DUTY

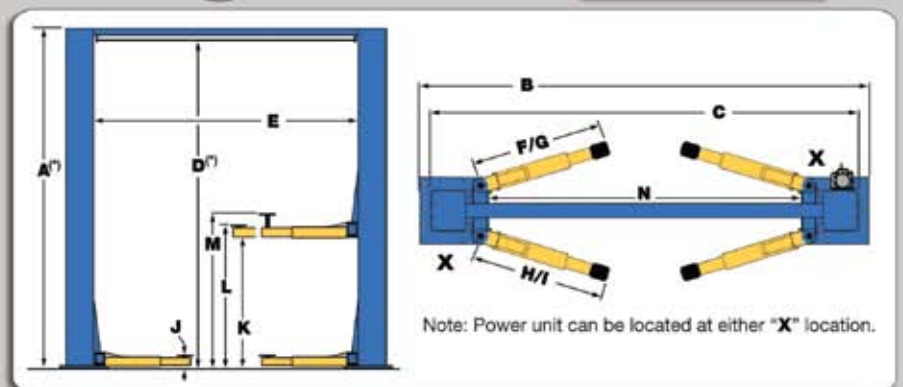
MODEL	XPR-12C	XPR-15C	XPR-18C
Lifting Capacity*	12,000 Lbs. / 5443 Kg	15,000 Lbs. / 6804 Kg	18,000 Lbs. / 8165 Kg
*Max Capacity / Front Axle	6,000 lbs. / 2722 Kg	7,500 Lbs. / 3402 Kg	9,000 Lbs. / 4082 Kg
*Max Capacity / Rear Axle	6,000 lbs. / 2722 Kg	7,500 Lbs. / 3402 Kg	9,000 Lbs. / 4082 Kg
A - Height Overall: (*)	170" / 4318 mm.	170" / 4318 mm.	170" / 4318 mm.
B - Width Overall (Outside of Base Plate)	155" / 3937 mm.	155" / 3937 mm.	155" / 3937 mm.
C - Width (Outside of Columns)	144" / 3658 mm.	144" / 3658 mm.	144" / 3658 mm.
D - Floor To Overhead Switch: (*)	165" / 4191 mm.	165" / 4191 mm.	165" / 4191 mm.
E - Inside Columns	120" / 3048 mm.	120" / 3048 mm.	120" / 3048 mm.
F - Reach (Front Arm Min.):	32" / 813 mm.	30" / 991 mm.	30" / 991 mm.
G - Reach (Front Arm Max.):	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.
H - Reach (Rear Arm Min.):	32" / 813 mm.	30" / 991 mm.	30" / 991 mm.
I - Reach (Rear Arm Max.):	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.
J - Min. Pad Height:	5" / 127 mm.	5" / 127 mm.	5" / 127 mm.
K - Rise:	60" / 1753 mm.	60" / 1753 mm.	60" / 1753 mm.
L - Max Lift Height (Pad Only):	74" / 1880 mm.	74" / 1880 mm.	74" / 1880 mm.
M - Max Lift Height (6" Adapter):	80" / 2032 mm.	80" / 2032 mm.	80" / 2032 mm.
N - Drive-Thru Clearance:	106" / 2692 mm.	106" / 2692 mm.	106" / 2692 mm.
Motor (**)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.
Time of Full Rise:	45 Seconds	45 Seconds	45 Seconds
Max Load Per Arm:	3,000 Lbs. / 1361 Kg	3,750 Lbs. / 1701 Kg	4,500 Lbs. / 2041 Kg

\* An optional bolt-on top extension for columns raises the overhead bar an additional 24". Must be ordered from factory at time of order.  
 \*\* Special Voltages Available Upon Request.  
 The design, material and specifications are subject to change without notice.



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## Dimensions





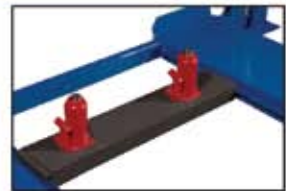
# 4-Post Medium Duty



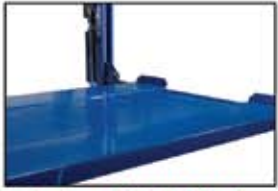
**HD-7PXW**  
 This 4-post lift will effortlessly lift up to 7,000 lbs. over 12' into the air! Perfect for stacking taller vehicles.  
 Overall width: 116-3/4"  
 Overall length: 224"



Optional Caster Kit Installed



Optional Jack Tray



Optional Solid Deck



Optional Drip-Tray Set



Single Hydraulic Cylinder



Oversize Cable Sheaves



Optional RJ-45 Bridge Jack



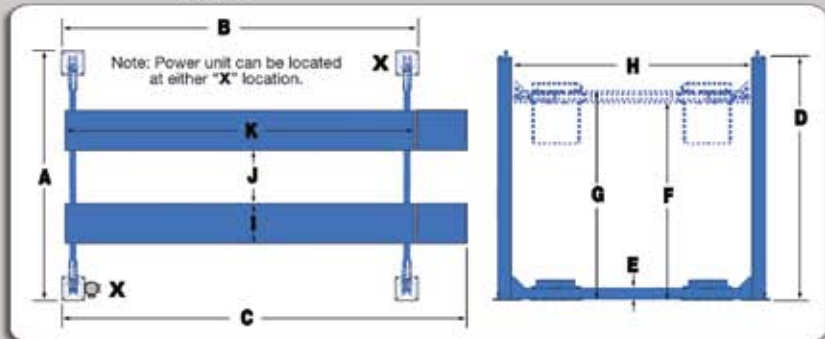
Pneumatic Safety Lock System

## Features

- 9,000 lbs. lifting capacity
- Optional caster kit available
- Freestanding or bolt-down design
- Runways include rail kit for optional accessories
- Runways feature non-skid surface
- Single hydraulic cylinder mounted under runway
- Fully enclosed lifting cables, safety locks & sheaves
- Internal "anti-sway" slider blocks in each column
- Pneumatic push-button safety release
- Features heavy-duty 3/8" aircraft cable
- Longer ramps for low ground clearance vehicles
- Oversized sheave diameter reduces cable fatigue
- Rugged, self-lubricating cable sheaves
- Features 1-1/4" sheave axles
- Multi-position safety locks in each column
- Power unit located at the front or rear of the lift
- Independent "back-up" slack-cable safety latches
- Fully adjustable lock stops for precise leveling
- Drive through ramps option available
- 36" aluminium ramps option available

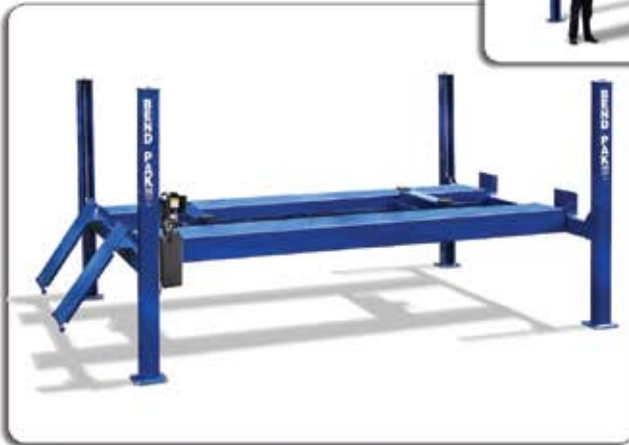
FOUR-POST MODELS / MEDIUM-DUTY	HD-9ST	HD-9STX	HD-9	HD-9XW
<b>MODEL</b>	HD-9ST	HD-9STX	HD-9	HD-9XW
<b>Lifting Capacity</b>	9,000 lbs. / 4082 kg	9,000 lbs. / 4082 kg	9,000 lbs. / 4082 kg	9,000 lbs. / 4082 kg
<b>Max Capacity / Front Axle</b>	4,500 lbs. / 2041 kg	4,500 lbs. / 2041 kg	4,500 lbs. / 2041 kg	4,500 lbs. / 2041 kg
<b>Max Capacity / Rear Axle</b>	4,500 lbs. / 2041 kg	4,500 lbs. / 2041 kg	4,500 lbs. / 2041 kg	4,500 lbs. / 2041 kg
<b>A - Overall Width</b>	99-3/4" / 2534 mm	99-3/4" / 2534 mm	116-3/4" / 2965 mm	116-3/4" / 2965 mm
<b>B - Outside Length</b>	174" / 4420 mm	198" / 5029 mm	174" / 4420 mm	198" / 5029 mm
<b>C - Overall Length</b>	200" / 5080 mm	224" / 5690 mm	200" / 5080 mm	224" / 5690 mm
<b>D - Height of Columns</b>	88" / 2235 mm	100" / 2540 mm	88" / 2235 mm	100" / 2540 mm
<b>E - Min. Runway Height</b>	4-1/2" / 114 mm	4-1/2" / 114 mm	4-1/2" / 114 mm	4-1/2" / 114 mm
<b>F - Max. Rise</b>	70" / 1778 mm	82" / 2083 mm	70" / 1778 mm	82" / 2083 mm
<b>G - Max. Lifting Height</b>	74-1/2" / 1892 mm	86-1/2" / 2197 mm	74-1/2" / 1892 mm	86-1/2" / 2197 mm
<b>H - Width Between Columns</b>	89-3/4" / 2280 mm	89-3/4" / 2280 mm	106-3/4" / 2711 mm	106-3/4" / 2711 mm
<b>I - Runway Width</b>	19" / 483 mm	19" / 483 mm	19" / 483 mm	19" / 483 mm
<b>J - Width Between Runways (*)</b>	37-1/4" / 945 mm	37-1/4" / 945 mm	945 mm - 1118 mm	945 mm - 1118 mm
<b>K - Length of Runways</b>	164" / 4165 mm	188" / 4775 mm	164" / 4165 mm	188" / 4775 mm
<b>Min. Wheelbase @ Rated Capacity</b>	115" / 2921 mm	135" / 3429 mm	115" / 2921 mm	135" / 3429 mm
<b>Min. Wheelbase @ 75% Capacity</b>	100" / 2540 mm	115" / 2921 mm	100" / 2540 mm	115" / 2921 mm
<b>Min. Wheelbase @ 50% Capacity</b>	85" / 2159 mm	95" / 2413 mm	85" / 2159 mm	95" / 2413 mm
<b>Min. Wheelbase @ 25% Capacity</b>	70" / 1778 mm	80" / 2032 mm	70" / 1778 mm	80" / 2032 mm
<b>Locking Positions</b>	12	15	12	15
<b>Lock Spacing</b>	Every 4" / 102 mm	Every 4" / 102 mm	Every 4" / 102 mm	Every 4" / 102 mm
<b>Lifting Time</b>	45 Seconds	50 Seconds	45 Seconds	50 Seconds
<b>Standard Motor (**)</b>	220 VAC / 60 Hz	220 VAC / 60 Hz	220 VAC / 60 Hz	220 VAC / 60 Hz

\* This dimension may be limited with the addition of rolling jacks. See rolling jack specifications on separate page.  
 \*\* Special Voltages Available Upon Request  
 The design, material and specifications are subject to change without notice.



## Dimensions

# 4-Post Medium Duty



Optional Bridge Jacks



Optional Air/Electric Work Station



Electric/Hydraulic Power Unit



Single Hydraulic Cylinder



Oversize Cable Sheaves



Optional DP-30 Rolling Oil Drain



Pneumatic Safety Lock System

## Features

- 12,000 lbs. lifting capacity
- Runways include rail kit for optional accessories
- Runways adjust for different tread widths
- Single hydraulic cylinder mounted under runway
- Fully enclosed lifting cables, safety locks, & sheaves
- Internal "anti-sway" slider blocks in each column
- Pneumatic push-button safety release
- Features heavy-duty 1/2" aircraft cable
- Longer ramps for low ground clearance vehicles
- Runways feature non-skid surface
- Oversized sheave diameter reduces cable fatigue
- Rugged, self-lubricating cable sheaves
- Features 1-3/8" sheave axles
- Multi-position safety locks in each column
- Power unit located at the front or rear of the lift
- Independent "back-up" slack-cable safety latches
- Fully adjustable lock stops for precise leveling
- Drive through ramps option available
- Extended 48" approach ramps option available

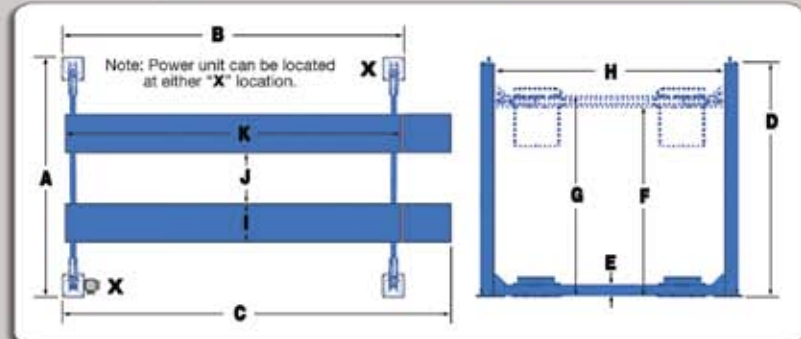
FOUR-POST MODELS / MEDIUM-DUTY				
MODEL	HD-148S	HD-14	HD-14TL	HD-14X
Lifting Capacity	14,000 lbs. / 6350 Kg.	14,000 lbs. / 6350 Kg.	14,000 lbs. / 6350 Kg.	14,000 lbs. / 6350 Kg.
Max Capacity / Front Axle	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.
Max Capacity / Rear Axle	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.
A - Overall Width	126" / 3200 mm.	126" / 3200 mm.	126" / 3200 mm.	126" / 3200 mm.
B - Outside Length	181" / 4597 mm.	205" / 5207 mm.	225" / 5715 mm.	243" / 6172 mm.
C - Overall Length	211" / 5360 mm.	235" / 5969 mm.	255" / 6467 mm.	273" / 6934 mm.
D - Height of Column	86" / 2235 mm.	86" / 2235 mm.	100" / 2540 mm.	86" / 2235 mm.
E - Min. Runway Height	7-1/2" / 190 mm.	7-1/2" / 190 mm.	7-1/2" / 190 mm.	7-1/2" / 190 mm.
F - Max. Rise	70" / 1778 mm.	70" / 1778 mm.	82" / 2083 mm.	70" / 1778 mm.
G - Max. Lifting Height	77-1/2" / 1968 mm.	77-1/2" / 1968 mm.	89-1/2" / 2273 mm.	77-1/2" / 1968 mm.
H - Width Between Columns	118" / 2946 mm.	118" / 2946 mm.	118" / 2946 mm.	118" / 2946 mm.
I - Runway Width	20" / 508 mm.	20" / 508 mm.	20" / 508 mm.	20" / 508 mm.
J - Width Between Runways (1")	37" - 49"	37" - 49"	37" - 49"	37" - 49"
K - Length of Runways	940 mm. - 1245 mm.	940 mm. - 1245 mm.	940 mm. - 1245 mm.	940 mm. - 1245 mm.
L - Min. Wheelbase @ Rated Capacity	125" / 3175 mm.	140" / 3556 mm.	140" / 3556 mm.	170" / 4318 mm.
M - Min. Wheelbase @ 75% Capacity	105" / 2667 mm.	120" / 3048 mm.	120" / 3048 mm.	145" / 3683 mm.
N - Min. Wheelbase @ 50% Capacity	90" / 2286 mm.	100" / 2540 mm.	100" / 2540 mm.	120" / 3048 mm.
O - Min. Wheelbase @ 25% Capacity	70" / 1778 mm.	80" / 2032 mm.	80" / 2032 mm.	95" / 2413 mm.
Locking Positions	13	13	13	13
Lock Spacing	Every 4" / 102 mm.	Every 4" / 102 mm.	Every 4" / 102 mm.	Every 4" / 102 mm.
Lifting Time	60 Seconds	60 Seconds	65 Seconds	60 Seconds
Standard Motor (**)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.

\* This dimension may be limited with the addition of rolling jacks. See rolling jack specifications on separate page.  
 \*\* Special Voltages Available Upon Request  
 The design, material and specifications are subject to change without notice.



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## Dimensions



# Portable Column Lift



Individual columns with a weight capacity of 16,500 pounds each can be used in sets of four, six or with a max combined load capacity of 99,000 pounds.

**Optional Support Stands**  
Features spring assist column with fine thread adjustment contact pads for easy raising and lowering.

MLS-16



**Adjustable Locking Forks**  
No need for special wheel adapters.



## Features

- 16,500-lb. column capacity
- 66,000-lb. maximum system capacity for a set of 4
- 99,000-lb. maximum system capacity for a set of 6
- Three modes of operation: single, pair or set
- 70" lifting height for tall mechanics
- Extended 15" forks accommodate super-wide tires and deep wheel configurations
- Multi-width wheel forks with locking pins accommodate the widest range of wheels eliminating the need for specialty wheel adapters
- Integrated electronic feature self diagnostics functions
- Independent column control stations eliminate the need for a single master control column
- Trouble-free hydraulic lifting system
- Low power consumption
- Separate key lock security for each control box
- Fuse protected
- Sealed rollers on the wheels for easy movement of the columns
- Sealed roller bearings on carriages for a lifetime of trouble-free service
- Space-saving design and reduced column weight
- A tight turning radius provides easy mobility
- Automatic synchronization and communication between columns for precise, level lifting
- Multiple, automatic, independent safety locks ensure safe operation
- Quick-disconnect plugs at each column for fast and efficient set up
- Simple operation, long service life and minimum maintenance
- Operator monitoring and automatic leveling control
- Set the vehicle on jack stands and use the columns to raise another vehicle in an adjoining bay
- Low-profile fork angle for easy positioning of columns, especially for floatation tires
- Low mounted weight distribution of power unit and controls means a low center of gravity, allowing the columns to move easier than top heavy screw-drive columns
- Durable powder-coat finish

Whether you need to lift a bus, fleet vehicle, or fire truck, BendPak's PCL-16HD lift system is designed to meet your needs. This super-duty portable column lift system has a combined lifting capacity of 99,000 pounds and reaches a maximum lifting height of 67" in just two minutes. Each lift column features a mechanical locking system, flow control check valve, pressure relief valve and trouble-free hydraulics for increased safety and reliability. A unique hydraulic control system allows operators to lower the columns manually in the event of a power supply failure. Microprocessor controls combined with a unique hydraulic synchronization system ensures very smooth movement over the complete travel. A hydraulic pallet-truck mechanism combined with a tight turning radius enables one person to move the columns effortlessly. The PCL-16HD system's controls are easy to use and feature up/down and emergency stop buttons.

### MOBILE COLUMN LIFTING SYSTEM

MODEL	PCL-16HD (4)	PCL-16HD (6)
Maximum Column Capacity	Each Column 16,500 Lbs. / 7500 Kg.	Each Column 16,500 Lbs. / 7500 Kg.
Maximum System Capacity / Set of Four	66,000 Lbs. / 30000 Kg.	99,000 Lbs. / 44906 Kg.
Min. Column Height	89" / 2260 mm.	89" / 2260 mm.
A - Max. Column Height	142" / 3600 mm.	142" / 3600 mm.
B - Maximum Lifting Height	67" / 1700 mm.	67" / 1700 mm.
C - Length Lifting Fork	15" / 381 mm.	15" / 381 mm.
D - Overall Length / Depth	48" / 1210 mm.	48" / 1210 mm.
E - Width Inside Lifting Fork / Min.	11" / 280 mm.	11" / 280 mm.
F - Width Inside Lifting Fork / Max.	23-1/2" / 597 mm.	23-1/2" / 597 mm.
G - Overall Width	43" / 1100 mm.	43" / 1100 mm.
Turning Circle	40" / 1016 mm.	40" / 1016 mm.
Column Weight	Ea. 1270 lbs. / 580 Kg.	Ea. 1270 lbs. / 580 Kg.
Lifting Speed	120 Seconds	120 Seconds
Motor / 2 HP / 2.2 Kw (*)	220V/380V 3 Phase 50/60 Hz	220V/380V 3 Phase 50/60 Hz

\* Please contact factory for additional accessories.

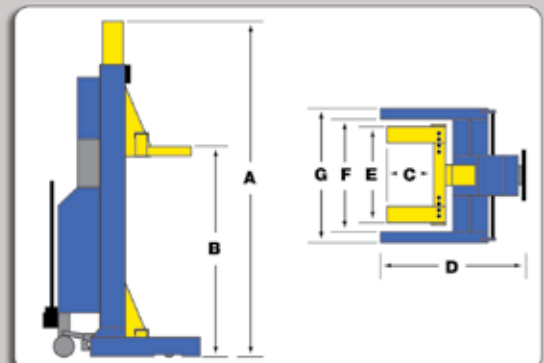


The PCL-16HD system controls are easy to use and feature up/down and emergency stop buttons



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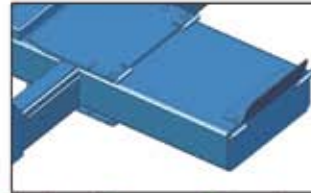
## Dimensions



# 4-Post Heavy Truck



Optional Bridge Jacks



Optional Runway Extensions



Optional DP-30 Rolling Oil Drain



Rugged Construction



Optional Air/Electric Work Station

## Features

- 18,000 and 27,000 pound lifting capacity
- Runways include rail-kit for optional accessories
- Electric/hydraulic power system
- Single hydraulic cylinder mounted underneath runway
- Internal "Anti-Sway" slider blocks in each column
- Features heavy-duty, 3/4" aircraft cable
- Oversized sheave diameter reduces cable fatigue
- Rugged 4" main sheave axes
- Multi-position safety locks in each column
- Multi-position, adjustable height safety locks in each column
- Ramps feature non-skid surface
- Push-button safety release
- Runways adjust for different tread widths
- Optional drive-thru ramps available
- Optional 9K, 12K, 15K-pound capacity bridge jacks available

### FOUR-POST MODELS / HEAVY-DUTY

MODEL	HD-18	HD-27	HD-27X
Lifting Capacity	18,000 lbs. / 8165 Kg.	27,000 lbs. / 12,247	27,000 lbs. / 12,247
Max Capacity / Front Axle	9,000 lbs. / 4082 Kg.	13,500 lbs. / 6,124	13,500 lbs. / 6,124
Max Capacity / Rear Axle	9,000 lbs. / 4082 Kg.	13,500 lbs. / 6,124	13,500 lbs. / 6,124
A - Overall Width	154" / 3912 mm.	154" / 3912 mm.	154" / 3912 mm.
B - Outside Length	201" / 5105 mm.	257" / 6528 mm.	317" / 8052 mm.
C - Overall Length	241" / 6121 mm.	297" / 7544 mm.	357" / 9068 mm.
D - Height of Columns	93" / 2362 mm.	93" / 2362 mm.	93" / 2362 mm.
E - Min. Runway Height	8-1/2" / 216 mm.	8-1/2" / 216 mm.	8-1/2" / 216 mm.
F - Max. Rise	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.
G - Max. Lifting Height	68-1/2" / 1740 mm.	68-1/2" / 1740 mm.	68-1/2" / 1740 mm.
H - Width Between Columns	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.
I - Runway Width	22" / 559 mm.	22" / 559 mm.	22" / 559 mm.
J - Width Between Runways (*)	965 mm. - 1422 mm.	965 mm. - 1422 mm.	965 mm. - 1422 mm.
K - Length of Runways	203" / 5156 mm.	263" / 6680 mm.	323" / 8204 mm.
Min. Wheelbase @ Rated Capacity	145" / 3683 mm.	185" / 4699 mm.	230" / 5842 mm.
Min. Wheelbase @ 75% Capacity	125" / 3175 mm.	160" / 4064 mm.	195" / 4953 mm.
Min. Wheelbase @ 50% Capacity	105" / 2667 mm.	135" / 3429 mm.	165" / 4191 mm.
Min. Wheelbase @ 25% Capacity	85" / 2159 mm.	110" / 2794 mm.	130" / 3302 mm.
Locking Positions	9	9	9
Lock Spacing	Every 6" / 152 mm.	Every 6" / 152 mm.	Every 6" / 152 mm.
Lifting Time	75 Seconds	75 Seconds	75 Seconds
Standard Motor (**)	220 VAC / 60 Hz.	220 VAC / 60 Hz.	220 VAC / 60 Hz.

\* This dimension may be limited with the addition of rolling jacks. See rolling jack specifications on separate page.

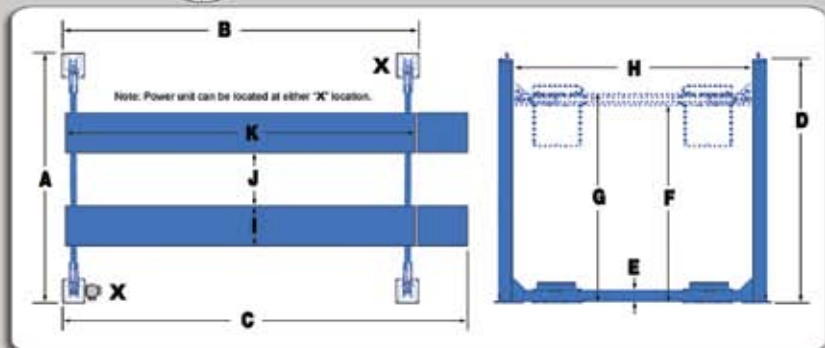
\*\* Special Voltages Available Upon Request

The design, material and specifications are subject to change without notice.



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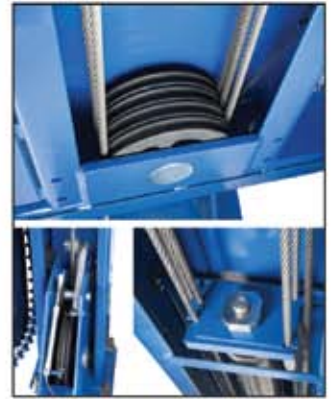
## Dimensions



# 4-Post Super Duty



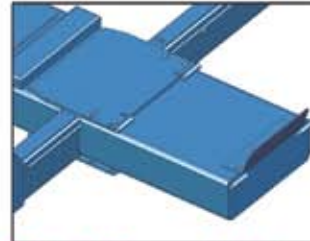
Optional Bridge Jacks



Rugged Construction



Shown with optional Bridge Jacks.



Optional Runway Extensions



Optional DP-30 Rolling Oil Drain



Optional Air/Electric Work Station

## Features

- 35,000 - 40,000 lbs. lifting capacities
- Runways include rail kit for optional accessories
- Electric/hydraulic power system
- Single hydraulic cylinder mounted under runway
- Internal "Anti-Sway" slider blocks in each column
- Features heavy-duty, 7/8" aircraft cable
- Oversized self-lubricating cable rollers
- Rugged 4" main sheave axles
- Multi-position, adjustable height safety locks in each column
- Ramps feature non-skid surface
- Push-button safety release
- Runways adjust for different tread widths
- Optional drive-thru ramps available
- Optional 15K-25K pound capacity Bridge jacks

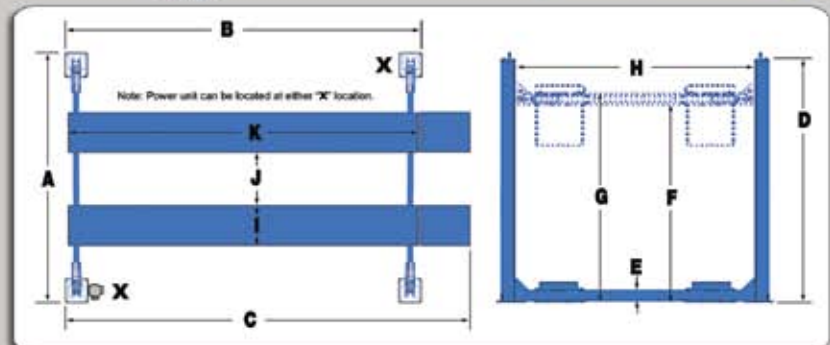
FOUR-POST MODELS / SUPER-DUTY	HD-35	HD-35X	HD-40	HD-40X
<b>MODEL</b>	HD-35	HD-35X	HD-40	HD-40X
<b>Lifting Capacity</b>	35,000 lbs. / 15,876	35,000 lbs. / 15,876	40,000 lbs. / 18,144	40,000 lbs. / 18,144
Max Capacity / Front Axle	17,500 lbs. / 7,938	17,500 lbs. / 7,938	20,000 lbs. / 9,072	20,000 lbs. / 9,072
Max Capacity / Rear Axle	17,500 lbs. / 7,938	17,500 lbs. / 7,938	20,000 lbs. / 9,072	20,000 lbs. / 9,072
<b>A - Overall Width</b>	154" / 3912 mm.	154" / 3912 mm.	154" / 3912 mm.	154" / 3912 mm.
<b>B - Outside Length</b>	257" / 6528 mm.	317" / 8052 mm.	257" / 6528 mm.	317" / 8052 mm.
<b>C - Overall Length</b>	297" / 7544 mm.	357" / 9068 mm.	297" / 7544 mm.	357" / 9068 mm.
<b>D - Height of Columns</b>	93" / 2362 mm.	93" / 2362 mm.	93" / 2362 mm.	93" / 2362 mm.
<b>E - Min. Runway Height</b>	8-1/2" / 216 mm.	8-1/2" / 216 mm.	8-1/2" / 216 mm.	8-1/2" / 216 mm.
<b>F - Max. Rise</b>	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.
<b>G - Max. Lifting Height</b>	68-1/2" / 1740 mm.	68-1/2" / 1740 mm.	68-1/2" / 1740 mm.	68-1/2" / 1740 mm.
<b>H - Width Between Columns</b>	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.
<b>I - Runway Width</b>	28" / 711 mm.	28" / 711 mm.	28" / 711 mm.	28" / 711 mm.
	36" - 47"	36" - 47"	36" - 47"	36" - 47"
<b>J - Width Between Runways (*)</b>	914 mm. - 1194 mm.	914 mm. - 1194 mm.	914 mm. - 1194 mm.	914 mm. - 1194 mm.
<b>K - Length of Runways</b>	263" / 6680 mm.	323" / 8204 mm.	263" / 6680 mm.	323" / 8204 mm.
<b>Min. Wheelbase @ Rated Capacity</b>	185" / 4699 mm.	230" / 5842 mm.	185" / 4699 mm.	230" / 5842 mm.
<b>Min. Wheelbase @ 75% Capacity</b>	160" / 4064 mm.	195" / 4953 mm.	160" / 4064 mm.	195" / 4953 mm.
<b>Min. Wheelbase @ 50% Capacity</b>	135" / 3429 mm.	165" / 4191 mm.	135" / 3429 mm.	165" / 4191 mm.
<b>Min. Wheelbase @ 25% Capacity</b>	110" / 2794 mm.	130" / 3302 mm.	110" / 2794 mm.	130" / 3302 mm.
<b>Locking Positions</b>	9	9	9	9
<b>Lock Spacing</b>	Every 6" / 152 mm.	Every 6" / 152 mm.	Every 6" / 152 mm.	Every 6" / 152 mm.
<b>Lifting Time</b>	75 Seconds	75 Seconds	75 Seconds	75 Seconds
<b>Standard Motor (**)</b>	220 VAC / 60 Hz.	220 VAC / 60 Hz.	220 VAC / 60 Hz.	220 VAC / 60 Hz.

\* This dimension may be limited with the addition of rolling jacks. See rolling jack specifications on separate page.  
 \*\* Special Voltages Available Upon Request  
 The design, material and specifications are subject to change without notice.

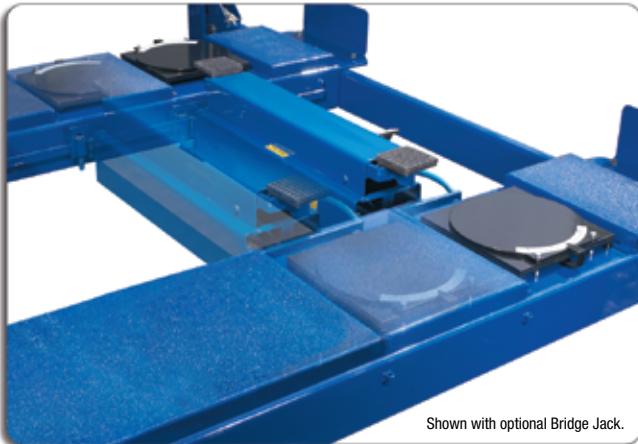


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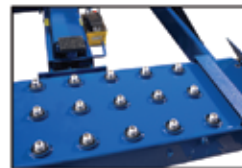
## Dimensions



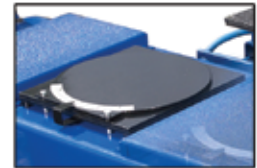
# 4-Post Alignment



Shown with optional Bridge Jack.



Integrated Floating Rear Slip Plates



Standard Front Turnplates



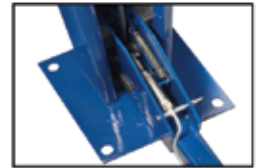
Single Hydraulic Cylinder



Oversize Cable Sheaves



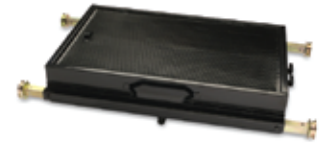
Optional Air/Electric Work Station



Pneumatic Safety Lock System



Optional RJ-6 Bridge Jack



Optional DP-30 Rolling Oil Drain

## Features

- 12,000 lbs. lifting capacity
- Runways include rail kit for optional accessories
- Runways adjust for different tread widths
- Multi auto-level locking positions
- Equipped with rear slip-plates and front turnplates
- Multiple turnplate pockets for better wheelbase accommodation
- Single hydraulic cylinder mounted under runway
- Fully enclosed lifting cables and sheaves
- Internal "anti-sway" slider blocks in each column
- Pneumatic push-button safety release
- Features heavy-duty 1/2" aircraft cable
- Longer ramps for low ground clearance vehicles
- Safety locks enclosed in columns minimize pinch points
- Runways feature non-skid surface
- Oversized sheave diameter reduces cable fatigue
- Rugged, self-lubricating cable sheaves
- Features 1-3/8" sheave axles
- Multi-position safety locks in each column
- Independent "back-up" slack-cable safety latches
- Features fully adjustable lock stops for precise leveling
- Integrated rolling bridge airline kit option available
- Drive through ramps option available
- Roll-back kit options available

### FOUR-POST MODELS / MEDIUM-DUTY / ALIGNMENT

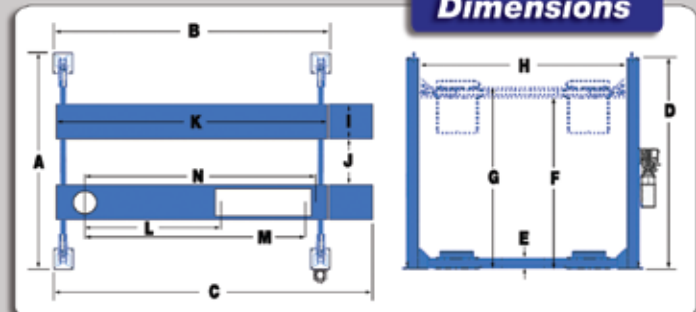
MODEL	HD-14LS	HD-14LSX	HD-14LSXE
Lifting Capacity*	14,000 lbs. / 6350 Kg.	14,000 lbs. / 6350 Kg.	14,000 lbs. / 6350 Kg.
*Max Capacity / Front Axle	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.
*Max Capacity / Rear Axle	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.	7,000 lbs. / 3175 Kg.
A - Overall Width	126" / 3200 mm.	126" / 3200 mm.	126" / 3200 mm.
B - Outside Length	181" / 4597 mm.	205" / 5207 mm.	243" / 6172 mm.
C - Overall Length	211" / 5360 mm.	235" / 5969 mm.	273" / 6934 mm.
D - Height of Columns	88" / 2235 mm.	88" / 2235 mm.	88" / 2235 mm.
E - Min. Runway Height	9-1/4" / 235 mm.	9-1/4" / 235 mm.	9-1/4" / 235 mm.
F - Max. Rise	70" / 1778 mm.	70" / 1778 mm.	70" / 1778 mm.
G - Max. Lifting Height	79-1/4" / 2013 mm.	79-1/4" / 2013 mm.	79-1/4" / 2013 mm.
H - Width Between Columns	116" / 2946 mm.	116" / 2946 mm.	116" / 2946 mm.
I - Runway Width	20" / 508 mm.	20" / 508 mm.	20" / 508 mm.
J - Width Between Runways (*)	37" - 49"	37" - 49"	37" - 49"
K - Length of Runways	940 mm. - 1245 mm.	940 mm. - 1245 mm.	940 mm. - 1245 mm.
L - Min. 4-Wheel Alignment (**)	72" / 1828 mm.	72" / 1828 mm.	72" / 1828 mm.
M - Max. 4-Wheel Alignment (**)	135" / 3428 mm.	135" / 3428 mm.	135" / 3428 mm.
N - Max 2-Wheel Alignment (**)	150" / 3810 mm.	174" / 4420 mm.	212" / 5385 mm.
Min. Wheelbase @ Rated Capacity	125" / 3175 mm.	140" / 3556 mm.	170" / 4318 mm.
Min. Wheelbase @ 75% Capacity	105" / 2667 mm.	120" / 3048 mm.	145" / 3683 mm.
Min. Wheelbase @ 50% Capacity	90" / 2286 mm.	100" / 2540 mm.	120" / 3048 mm.
Min. Wheelbase @ 25% Capacity	70" / 1778 mm.	80" / 2032 mm.	85" / 2143 mm.
Locking Positions	13	13	13
Lock Spacing	Every 4" / 102 mm.	Every 4" / 102 mm.	Every 4" / 102 mm.
Lifting Time	60 Seconds	60 Seconds	60 Seconds
Standard Motor (***)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.

\* This dimension may be limited with the addition of rolling jacks. See rolling jack specifications on separate page.  
 \*\* May vary depending on wheel size.  
 \*\*\* Special Voltages Available Upon Request.  
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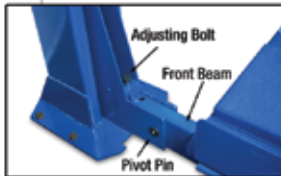
## Dimensions



# Open-Front Alignment

## Adjustable-Pitch Front Beams

Our patented adjustable-pitch front outrigger beams allow you to keep the open front of the lift where the turn plates are located perfectly level at all times. No more worries about the front of the lift "sagging" under heavy loads and causing inaccurate alignments— an exclusive BendPak feature.



Optional Air/Electric Work Station



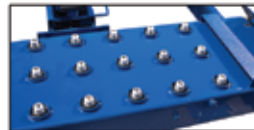
Optional RJ-6 Bridge Jack



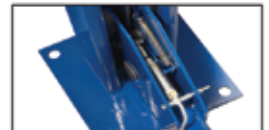
Single Hydraulic Cylinder



Oversize Cable Sheaves



Integrated Floating Rear Slip Plates



Pneumatic Safety Lock System

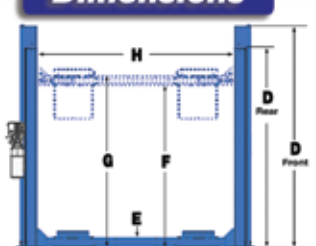
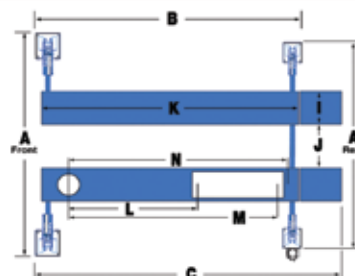
## Features

- 12,000 lbs. lifting capacity
- True open-front design for clear front access
- Adjustable front beams for precise runway leveling
- Runways include rail kit for optional accessories
- Multi auto-level locking positions
- Standard with rear slip-plates and front turnplates
- Multiple turnplate pockets for better wheelbase accommodation
- Single hydraulic cylinder mounted under runway
- Fully enclosed lifting cables & sheaves
- Internal "anti-sway" slider blocks in each column
- Pneumatic push-button safety release
- Features heavy-duty 1/2" aircraft cable
- Longer ramps for low ground clearance vehicles
- Safety locks enclosed in columns minimize pinch points
- Runways feature non-skid surface
- Oversized sheave diameter reduces cable fatigue
- Rugged, self-lubricating cable sheaves
- Features 1-3/8" sheave axles
- Multi-position safety locks in each column
- Independent "back-up" slack-cable safety latches
- Fully adjustable lock stops for precise leveling
- Integrated rolling bridge airline kit option available
- Roll-back kit options available

FOUR-POST MODELS / OPEN-FRONT / ALIGNMENT EQUIPPED	
MODEL	HDO-14LSX
Lifting Capacity*	14,000 lbs. / 6350 Kg.
*Max Capacity / Front Axle	7,000 lbs. / 3175 Kg.
*Max Capacity / Rear Axle	7,000 lbs. / 3175 Kg.
A - Overall Width / Front	139" / 3531 mm.
A - Overall Width / Rear	126" / 3200 mm.
B - Outside Length	206" / 5263 mm.
C - Overall Length	238" / 6045 mm.
D - Height of Columns / Front	100" / 2540 mm.
D - Height of Columns / Rear	88" / 2235 mm.
E - Min. Runway Height	9-1/4" / 235 mm.
F - Max. Rise	70" / 1778 mm.
G - Max. Lifting Height	79-1/4" / 2013 mm.
H - Width Between Columns	116" / 2946 mm.
I - Runway Width	20" / 508 mm.
J - Width Between Runways	43" / 1092 mm.
K - Length of Runways	198" / 5029 mm.
L - Min. 4-Wheel Alignment (*)	72" / 1828 mm.
M - Max. 4-Wheel Alignment (*)	135" / 3428 mm.
N - Max 2-Wheel Alignment (*)	174" / 4420 mm.
Min. Wheelbase @ Rated Capacity	140" / 3556 mm.
Min. Wheelbase @ 75% Capacity	120" / 3048 mm.
Min. Wheelbase @ 50% Capacity	100" / 2540 mm.
Min. Wheelbase @ 25% Capacity	80" / 2032 mm.
Locking Positions	13
Lock Spacing	Every 4" / 102 mm.
Lifting Time	60 Seconds
Standard Motor (**)	220 VAC / 60 Hz. 1Ph.

\* This dimension may be limited with the addition of rolling jacks. See rolling jack specifications on separate page.  
 \*\* May vary depending on wheel size.  
 \*\*\* Special Voltages Available Upon Request.  
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## Dimensions

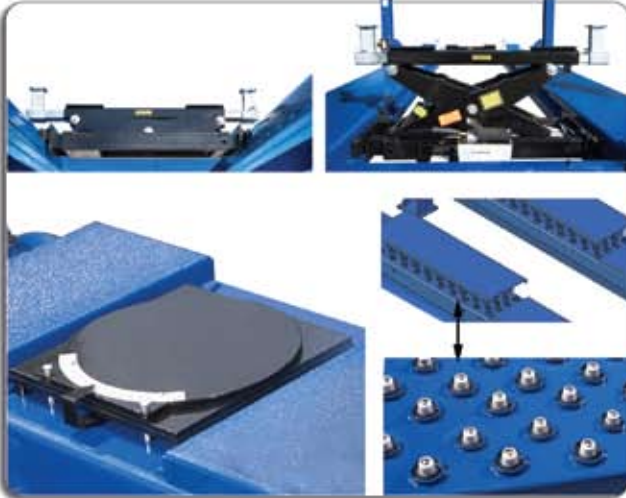


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# Heavy Truck Alignment



Shown with optional Bridge Jacks.



**Optional Bridge Jacks**  
Combine one of our popular bridge jacks with your lift for added versatility. Ideal for brake and wheel service. Available in 9,000, 12,000, 15,000, 18,000 and 25,000 lb. lifting capacities. Telescoping wheel assemblies accommodate different ramp width settings. Comes complete with standard and high-lift adapters.



**Optional Runway Extensions**  
These sturdy-built runway extensions can be ordered with your lift or added later. These runway extensions add 30" of added capacity and can be installed at the front, rear or both sides of the lift.



**Optional DP-30 Rolling Oil Drain**



**Optional Air/Electric Work Station**

## Features

- 18,000, 27,000, 35,000 lbs. lifting capacity
- Runways include rail kit for optional accessories
- Electric/hydraulic power system
- Heavy-duty turn plates included
- Integrated rear slip-plates
- Automatic leveling system
- Single hydraulic cylinder mounted under runway
- Internal "Anti-sway" slider blocks in each column
- Features heavy-duty, 3/4" aircraft cable on HD-18A, HD-27A and HD-27XA
- Features heavy-duty, 7/8" aircraft cable on HD-35A and HD-35XA
- Oversized self-lubricating cable rollers
- Rugged 4" main sheave axles
- Multi-position safety locks in each column
- Ramps feature non-skid surface
- Push-button safety release
- Runways adjust for different tread widths
- Optional Drive-thru ramps available
- Optional 9K-25K capacity bridge jacks available
- Rolling bridge airline kit option available
- Roll-back kit options available

FOUR-POST MODELS / HEAVY-TRUCK / ALIGNMENT

MODEL	HD-18A	HD-27A	HD-27XA	HD-35A	HD-35XA
Lifting Capacity*	18,000 lbs. / 8186 Kg.	27,000 lbs. / 12,247 Kg.	27,000 lbs. / 12,247 Kg.	35,000 lbs. / 15,876 Kg.	35,000 lbs. / 15,876 Kg.
*Max Capacity / Front Axle	9,000 lbs. / 4082 Kg.	13,500 lbs. / 6,124 Kg.	13,500 lbs. / 6,124 Kg.	17,500 lbs. / 7,938 Kg.	17,500 lbs. / 7,938 Kg.
*Max Capacity / Rear Axle	9,000 lbs. / 4082 Kg.	13,500 lbs. / 6,124 Kg.	13,500 lbs. / 6,124 Kg.	17,500 lbs. / 7,938 Kg.	17,500 lbs. / 7,938 Kg.
A - Overall Width	154" / 3912 mm.	154" / 3912 mm.	154" / 3912 mm.	154" / 3912 mm.	154" / 3912 mm.
B - Outside Length	201" / 5105 mm.	257" / 6528 mm.	317" / 8052 mm.	257" / 6528 mm.	317" / 8052 mm.
C - Overall Length	241" / 6121 mm.	297" / 7544 mm.	357" / 9068 mm.	297" / 7544 mm.	357" / 9068 mm.
D - Height of Columns	93" / 2362 mm.	93" / 2362 mm.	93" / 2362 mm.	93" / 2362 mm.	93" / 2362 mm.
E - Min. Runway Height	10-1/2" / 267 mm.	10-1/2" / 267 mm.	10-1/2" / 267 mm.	10-1/2" / 267 mm.	10-1/2" / 267 mm.
F - Max. Rise	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.
G - Max. Lifting Height	70-1/2" / 1791 mm.	70-1/2" / 1791 mm.	70-1/2" / 1791 mm.	70-1/2" / 1791 mm.	70-1/2" / 1791 mm.
H - Width Between Columns	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.
I - Runway Width	22" / 559 mm.	22" / 559 mm.	22" / 559 mm.	28" / 711 mm.	28" / 711 mm.
J - Width Between Runways (*)	38" - 56"	38" - 56"	38" - 56"	36" - 47"	38" - 47"
K - Length of Runways	965 mm. - 1422 mm.	965 mm. - 1422 mm.	965 mm. - 1422 mm.	914 mm. - 1194 mm.	914 mm. - 1194 mm.
L - Min. 4-Wheel Alignment (**)	203" / 5156 mm.	263" / 6680 mm.	323" / 8204 mm.	263" / 6680 mm.	323" / 8204 mm.
M - Max. 4-Wheel Alignment (**)	83" / 2108 mm.	83" / 2108 mm.	83" / 2108 mm.	83" / 2108 mm.	83" / 2108 mm.
N - Max. 2-Wheel Alignment (**)	138" / 3505 mm.	138" / 3505 mm.	138" / 3505 mm.	138" / 3505 mm.	138" / 3505 mm.
O - Max. 2-Wheel Alignment (**)	151" / 3855 mm.	211" / 5359 mm.	271" / 6883 mm.	211" / 5359 mm.	271" / 6883 mm.
Min. Wheelbase @ Rated Capacity	145" / 3683 mm.	185" / 4689 mm.	250" / 6352 mm.	185" / 4689 mm.	230" / 5842 mm.
Min. Wheelbase @ 75% Capacity	129" / 3275 mm.	160" / 4064 mm.	199" / 4993 mm.	160" / 4064 mm.	198" / 4983 mm.
Min. Wheelbase @ 50% Capacity	109" / 2767 mm.	139" / 3429 mm.	169" / 4191 mm.	139" / 3429 mm.	169" / 4191 mm.
Min. Wheelbase @ 25% Capacity	85" / 2159 mm.	110" / 2794 mm.	150" / 3812 mm.	110" / 2794 mm.	150" / 3812 mm.
Locking Positions	9	9	9	9	9
Lock Spacing	Every 6" / 152 mm.	Every 6" / 152 mm.	Every 6" / 152 mm.	Every 6" / 152 mm.	Every 6" / 152 mm.
Lifting Time	75 Seconds	75 Seconds	75 Seconds	75 Seconds	75 Seconds
Standard Motor (***)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.

\* This dimension may be limited with the addition of rolling jacks. See rolling jack specifications on separate page.

\*\* May vary depending on wheel size.

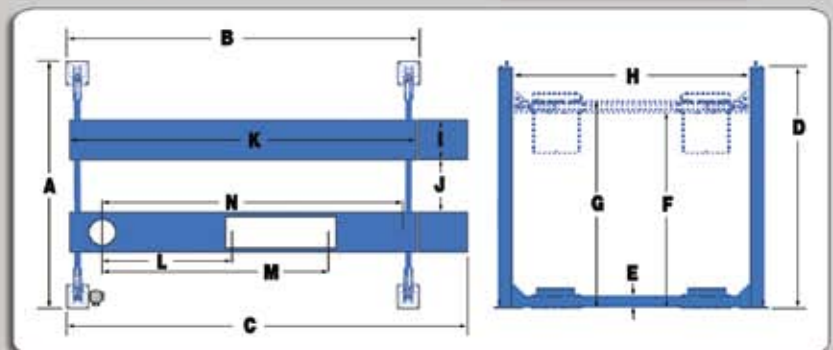
\*\*\* Special Voltages Available Upon Request.

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## Dimensions





# Scissors Alignment



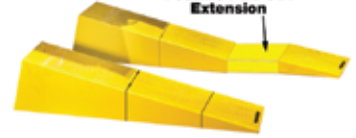
**XRACK**  
Bend-Pak.



Shown with optional Bridge Jacks.



Approach Ramps  
Feature Pull-Out  
Extension



## Features

- 12,000 lbs. lifting capacity
- Equipped with two heavy-duty truck turn plates and full-floating rear slip plates
- Turn plate pockets feature adjustable leveling bolts for infinite turn plate leveling
- Front tire stops lower out of the way for front-end access
- Convenient pull-out work stands located up front
- Non-skid runway surface provides added traction
- Dependable electric/hydraulic power system
- Power console features simple operator controls
- Approach ramps have built-in pull-out extensions providing added ground clearance for low profile vehicles
- Approach ramps incorporate hinges and can be folded up and stowed to minimize floor space
- Four hydraulic cylinders provide extra power and precise leveling
- Clear center and open front design
- Multi-position automatic leveling system
- Dual automatic safety locks with pneumatic push-button release
- Heavy single-piece formed bottom frame
- Optional 6,000 pound capacity bridge jacks available
- Rolling bridge airline kit option available



### SCISSORS ALIGNMENT

MODEL	XR-12AE
Style	Extended Wheelbase
Lifting Capacity	12,000 lbs. / 5443 Kg.
Lifting Height	70" / 1778 mm.
Lowered Height:	12" / 305 mm.
Lifting Time	75 Seconds
Overall Length (Inc. Approach Ramps)	253" / 6428 mm.
Overall Width	88" / 2235 mm.
Runway Width	25" / 635 mm.
Minimum 4-Wheel Alignment (*)	100" / 2540 mm.
Maximum 4-Wheel Alignment (*)	165" / 4191 mm.
Maximum 2- Wheel Alignment (*)	172" / 4369 mm.
Maximum General Wheelbase (*)	178" / 4445 mm.
Motor (**)	220 VAC / 60 Hz. / 1 Ph.

\* May vary depending on wheel size.

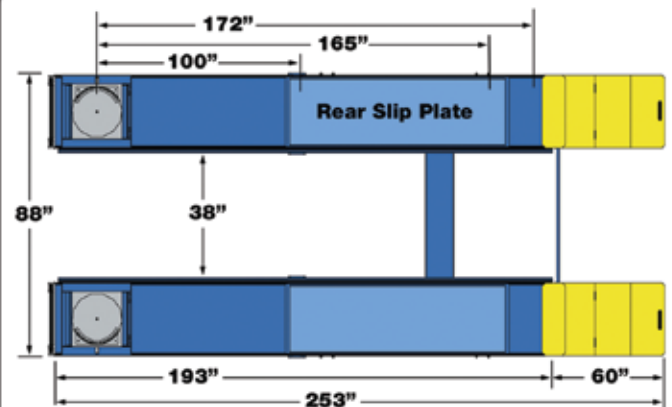
\*\* Special Voltages Available Upon Request.

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## Dimensions



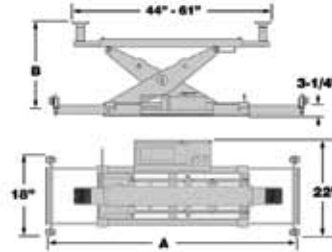
# Bridge Jacks

Model(s) RJ-45 / RJ-7



These optional bridge jacks can be added to any of our four-post models for the ultimate in jacking speed and convenience. Perfect for wheel and suspension work. Each jack comes complete with stackable adapters and a 10,000 PSI air/hydraulic pump that provides a smooth controlled operation.

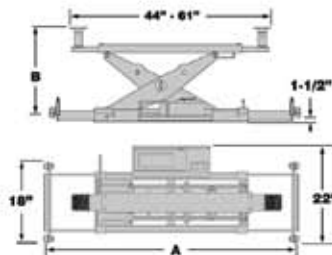
Model RJ-9



MODEL	RJ-9
Lifting Capacity	4,500 lbs. / 2041 Kg.
A - Min. Width	35" / 889 mm.
A - Max. Width	45-1/2" / 1156 mm.
B - Min. Pad & Adapter	8" / 203 mm.
B - Min. Pad Only	4-1/2" / 114 mm.
B - Max. Pad & Adapter	18" / 457 mm.
B - Max. Pad Only	14-1/2" / 368 mm.
Min. Arm Reach	40-1/4" / 1022 mm.
Max. Arm Reach	63-1/4" / 1607 mm.

The design, material and specifications are subject to change without notice.

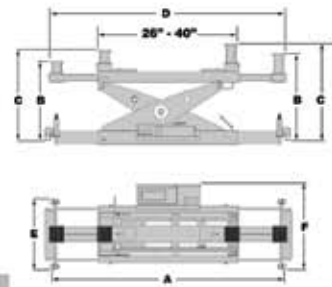
Model(s) RJ-12 / RJ-15



MODEL	RJ-12 / RJ-15
Lifting Capacity	7,000 lbs. / 3175 Kg.
A - Min. Width	35" / 889 mm.
A - Max. Width	45-1/2" / 1156 mm.
B - Min. Pad & Adapter	10" / 254 mm.
B - Min. Pad Only	6-1/2" / 162 mm.
B - Max. Pad & Adapter	20" / 508 mm.
B - Max. Pad Only	16-1/2" / 419 mm.
Min. Arm Reach	40-1/4" / 1022 mm.
Max. Arm Reach	63-1/4" / 1607 mm.

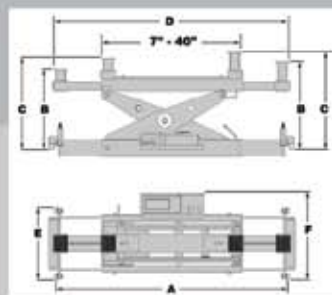
The design, material and specifications are subject to change without notice.

Model(s) RJ-18 / RJ-25



MODEL	RJ-18 / RJ-25
Lifting Capacity	9,000 lbs. / 4082 Kg.
A - Min. Width	41" / 1041 mm.
A - Max. Width	51-1/2" / 1308 mm.
B - Min. Pad & Adapter	13-1/4" / 337 mm.
B - Min. Pad Only	9-3/4" / 248 mm.
B - Max. Pad & Adapter	23-1/4" / 591 mm.
B - Max. Pad Only	19-3/4" / 502 mm.
Min. Arm Reach	40-1/4" / 1022 mm.
Max. Arm Reach	63-1/4" / 1607 mm.

The design, material and specifications are subject to change without notice.

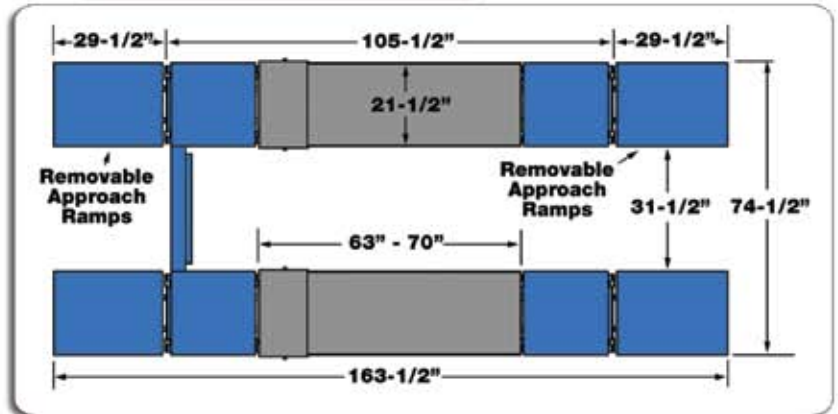


MODEL	RJ-12	RJ-15	RJ-18	RJ-25
Lifting Capacity	12,000 lbs. / 5443 Kg.	15,000 lbs. / 6804 Kg.	18,000 lbs. / 8,165 Kg.	25,000 lbs. / 11,340 Kg.
A - Min. Width	44" / 1118 mm.	44" / 1118 mm.	48" / 1188 mm.	48" / 1188 mm.
A - Max. Width	58" / 1473 mm.	58" / 1473 mm.	60" / 1524 mm.	60" / 1524 mm.
B - Min. Short Pad	14" / 356 mm.	14" / 356 mm.	15-1/2" / 394 mm.	15-1/2" / 394 mm.
B - Max. Short Pad	23" / 584 mm.	23" / 584 mm.	24-1/2" / 622 mm.	24-1/2" / 622 mm.
B - Min. Tall Pad	17" / 432 mm.	17" / 432 mm.	18-1/2" / 470 mm.	18-1/2" / 470 mm.
B - Max. Tall Pad	20" / 600 mm.	20" / 600 mm.	27-1/2" / 699 mm.	27-1/2" / 699 mm.
C - Min. Short Pad	19" / 483 mm.	19" / 483 mm.	19" / 483 mm.	19" / 483 mm.
C - Max. Short Pad	26" / 711 mm.	26" / 711 mm.	28" / 711 mm.	28" / 711 mm.
C - Min. Tall Pad	22" / 559 mm.	22" / 559 mm.	22" / 559 mm.	22" / 559 mm.
C - Max. Tall Pad	31" / 787 mm.	31" / 787 mm.	31" / 787 mm.	31" / 787 mm.
D - Min. Arm Reach	45" / 1143 mm.	45" / 1143 mm.	48" / 1219 mm.	48" / 1219 mm.
D - Max. Arm Reach	58" / 1473 mm.	58" / 1473 mm.	64" / 1626 mm.	64" / 1626 mm.
E - Wheel Assembly Width	19-1/2" / 495 mm.	19-1/2" / 495 mm.	23-1/4" / 591 mm.	23-1/4" / 591 mm.
F - Overall Width	22-1/2" / 571 mm.	22-1/2" / 571 mm.	26" / 660 mm.	26" / 660 mm.

The design, material and specifications are subject to change without notice.

# Scissor Lifts

## Dimensions / SP-7X



Model SP-7X

Optional LR-4A Arm Kit



Pad Adapter Kit Included



Model MD-6XP



SP-7X Power Console



Standard Pad Adapter Kit on MD-6XP



MD-6XP Power Console

### SCISSOR MODEL / FULL-RISE / MID-RISE

MODEL	SP-7X	MD-6XP
Style:	Full Rise / Frame Engage	Mid-Rise / Frame Engage
Lifting Capacity:	7,000 lbs. / 3175 Kg.	6,000 lbs. / 2722 Kg.
Lifting Height:	68" / 1727 mm.	48" / 1219 mm.
Lowered Height:	5" / 127 mm.	4-3/4" / 121 mm.
Lifting Time:	45 Seconds	45 / Seconds
Motor (*)	220 VAC / 60 Hz. 1Ph.	110-220 VAC / 60 Hz. 1Ph.

\* Special Voltages Available Upon Request.

LR-4A arm kit option available.

LR-4A arm kit option available on SP-7X & MD-6XP

The design, material and specifications are subject to change without notice.

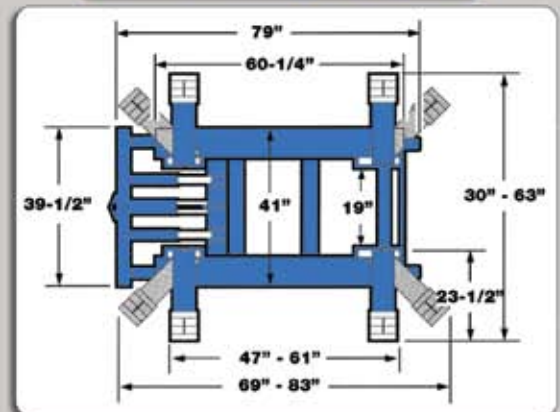


MD-6XP Power Unit Cart



Automatic Safety Locks

## Dimensions / MD-6XP



# Low-Rise Lifts



Model LR-60

MODEL	LR-60	LR-60P	P-6	P-6F
Style	Low-Rise / Frame Engage	Low-Rise / Frame Engage / Portable	Low-Rise P6 LR / Surface Mount	Low-Rise P6 LR / Flush Mount
Lifting Capacity	8,000 lbs / 2722 Kg	8,000 lbs / 2722 Kg	8,000 lbs / 2722 Kg	8,000 lbs / 2722 Kg
*Max Capacity / Front Axle	3,000 Lbs / 1361 Kg	3,000 Lbs / 1361 Kg	3,000 Lbs / 1361 Kg	3,000 Lbs / 1361 Kg
*Max Capacity / Rear Axle	3,000 Lbs / 1361 Kg	3,000 Lbs / 1361 Kg	3,000 Lbs / 1361 Kg	3,000 Lbs / 1361 Kg
Lifting Height ( Less Lift Blocks )	20" / 500 mm	20" / 500 mm	20" / 500 mm	20" / 500 mm
Lifting Height ( With Lift Blocks )	29" / 737 mm	29" / 737 mm	29" / 737 mm	29" / 737 mm
Overall Pad Length	53" / 1346 mm	53" / 1346 mm	53" / 1346 mm	53" / 1346 mm
Overall Width	70-1/2" / 1791 mm	70-1/2" / 1791 mm	18" / 457 mm	18" / 457 mm
Overall Length	80" / 2032 mm	80" / 2032 mm	81" / 2057 mm	78" / 1981 mm
Lowered Height	4" / 102 mm	4" / 102 mm	4" / 102 mm	4" / 102 mm
Lifting Time	35 / Seconds	35 / Seconds	35 / Seconds	35 / Seconds
Motor (*)	110-220 VAC / 60 Hz / 1Ph	110-220 VAC / 60 Hz / 1Ph	110-220 VAC / 60 Hz / 1Ph	110-220 VAC / 60 Hz / 1Ph

\* LR-4A arm kit option available

\* Special Voltages Available Upon Request  
The design, material and specifications are subject to change without notice.



Optional LR-4A Arm Kit

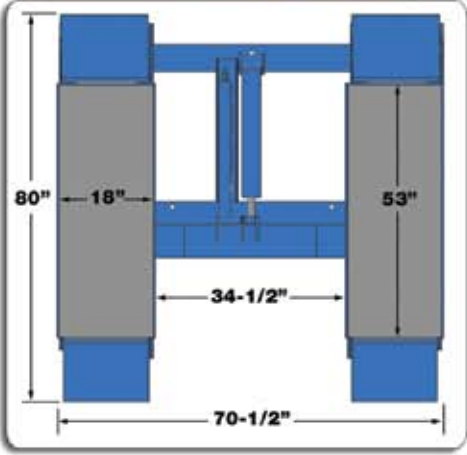


Fully Portable



Model LR-60P

## Dimensions / LR-60

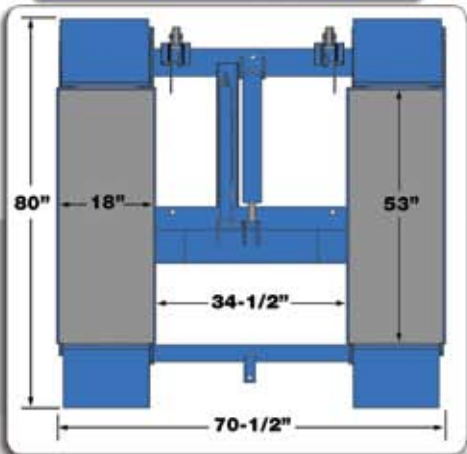


Each Lift Comes Standard With Rubber Lift Blocks

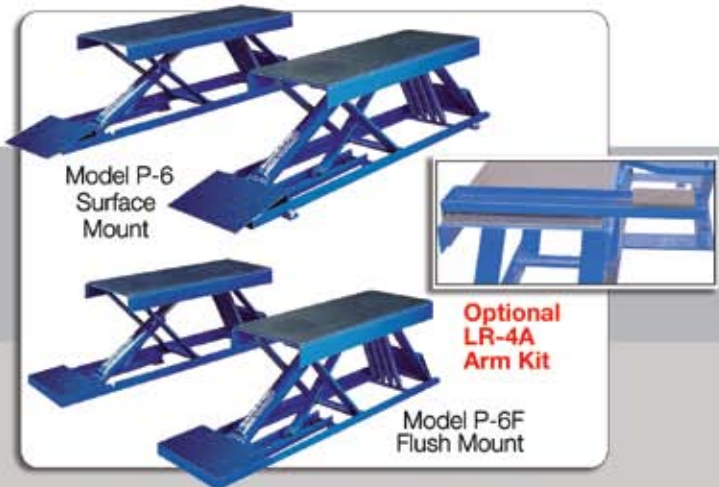


Standard 110V/220V Dual-Voltage Power Unit

## Dimensions / LR-60P



Automatic Safety Locks

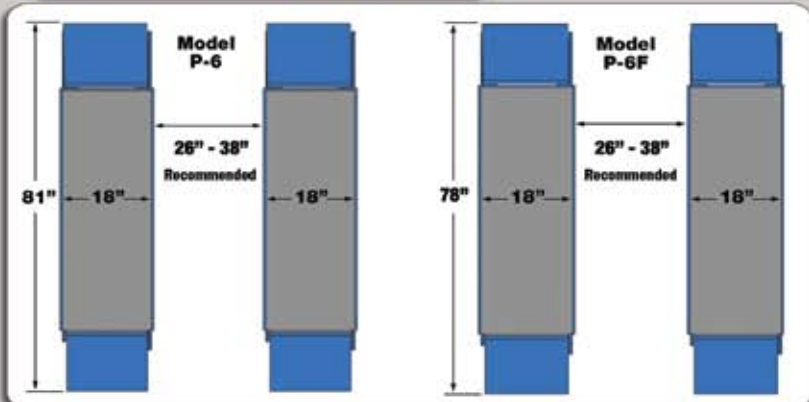


Model P-6 Surface Mount

Optional LR-4A Arm Kit

Model P-6F Flush Mount

## Dimensions / P-6 & P-6F



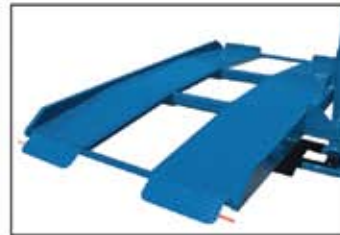
# Parking / Storage



**Approach Ramps Act As Rear Tire Stops**



**Convenient Fold-Down Approach Ramps**



**Removable Center Panels**



**Power Console For Operator Convenience**

## Features

- 6,000 lbs. lifting capacity
- Perfect for automobiles and light trucks
- Single-post design allows for clear floor space
- Stand alone power console
- Hydraulic power unit for smooth and quiet operation
- Wide deck platform accommodates pickups, vans and cars
- Durable construction for maximum stability
- Single hydraulic cylinder with heavy-duty lifting chain
- Automatic safety locks on each column spaced 4" apart
- Maintenance free composite carriage bearings
- Maintenance free self-lubricating chain rollers
- Reliable electric-hydraulic power system
- Removable center panels for under car access
- Ergonomic power console
- Self-lubricating dura-glide polyethylene bearing system
- Push-button safety lock release
- Low-profile platform for low ground-clearance vehicles
- Wide base plate for maximum stability
- Minimum post height allows for residential installation
- Nine locking positions spaced every 4" apart

MODEL	PL-6000	PL-6000X
Lifting Capacity	6,000 Lbs. / 2722 Kg.	6,000 Lbs. / 2722 Kg.
A - Height Overall	119" / 3023 mm.	131" / 3327 mm.
B - Rise	73" / 1854 mm.	85" / 2159 mm.
Overall Length	168" / 4267 mm.	168" / 4267 mm.
Platform Length	157-1/2" / 4001 mm.	157-1/2" / 4001 mm.
Overall Width	106" / 2692 mm.	106" / 2692 mm.
Platform Width	80" / 2032 mm.	80" / 2032 mm.
Speed of Rise	45 Seconds	55 Seconds
Motor (*)	220 VAC / 60 Hz. 1Ph.	220 VAC / 60 Hz. 1Ph.

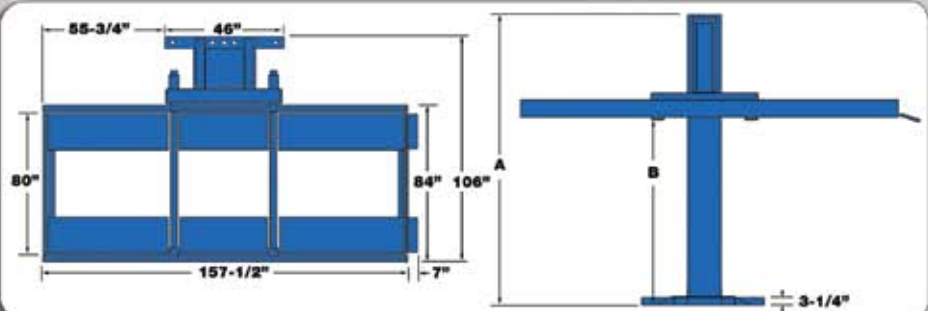
\* Special Voltages Available Upon Request.

The design, material and specifications are subject to change without notice.

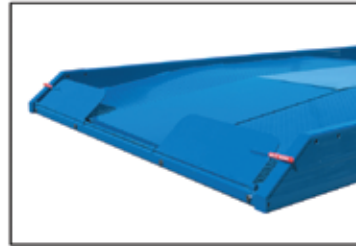


BendPak Inc. is a member of the Automotive Lift Institute

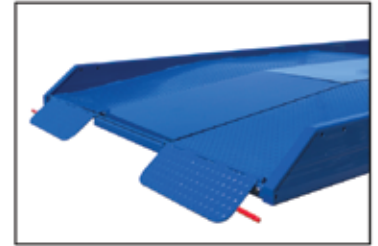
## Dimensions



# Parking / Storage



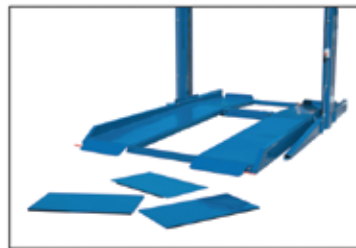
**Approach Ramps Act As Rear Tire Stops**



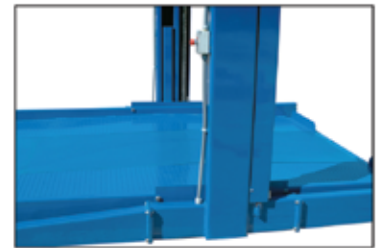
**Convenient Fold-Down Approach Ramps**

## Features

- 7,000-lb. lifting capacity
- Minimum footprint allows multiple installations in limited space
- Independent lifting structures allows for staggered installation
- Galvanized deck construction resists environmental damage and protects vehicle
- Removable center panels for underside access
- NEMA rated electric connectors seal out water and dirt
- Emergency-stop button for operator safety
- Power-unit and controls integrated within lift structure
- Freestanding design reduces tax and permit liabilities
- Overhead power unit provides smooth quiet hydraulic operation
- Wide-deck platform accommodates pickups, vans and cars
- Designed for installation on typical parking surfaces
- Durable construction for maximum stability
- Dual hydraulic cylinders and heavy-duty lifting chain
- Dual synchronization chains keeps the deck level
- Automatic safety locks on each column spaced 4" apart
- Maintenance-free composite carriage bearings
- Maintenance-free self-lubricating chain rollers
- Wide-base plate mounts directly on grade, even on asphalt
- No special site preparation required for installation
- Optional audible / visual descent alarm available
- Optional integrated key-activated power on / off switch available



**Removable Center Panels**



**Wide Platform Handles Most Vehicles**

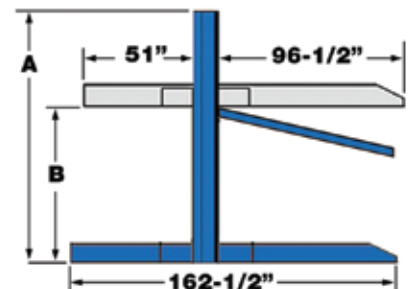
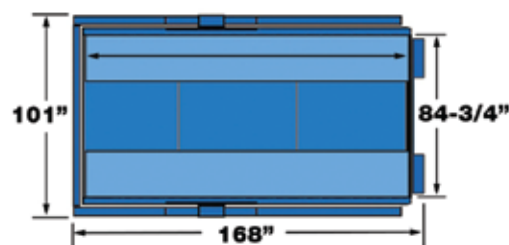
MODEL	PL-7000X
Lifting Capacity	7,000 Lbs. / 3175 Kg.
A - Height Overall:	131" / 3327 mm.
B - Rise:	85" / 2159 mm.
Overall Length	164-1/2" / 4178 mm.
Platform Length	157-1/2" / 4001 mm.
Overall Width	105" / 2667 mm.
Platform Width	88-3/4" / 2254 mm.
Speed of Rise	55 Seconds
Motor (*)	220 VAC / 60 Hz. 1Ph.

\* Special Voltages Available Upon Request.  
The design, material and specifications are subject to change without notice.



BendPak Inc.  
is a member of the  
Automotive Lift Institute

## Dimensions



# Tubing Benders

## Model Blue-Bullet

Now you do have a choice - a bender that delivers superior performance at a highly competitive price. We took our standard frame and equipped it with a simple knee valve and degree plate combination. We made it simple, rugged, and affordable. What more could you ask for? The knee operated valve gives you precise control and hands free bending capability with the convenience of trouble-free operation. Simply push the lever to the left to advance the bending die then to the right to retract it. Heavy duty cast iron construction means the valve will stand up to years of heavy use.

## Overhead View

Our Blue-Bullet models are equipped with a double ended cylinder for both the clampless swager and segment expander. A single control handle operates the cylinder and is placed towards the middle so you can stand comfortably in one location and operate both sides.



## Simple Control

A knee operated control valve gives you precise, hands-free bending capability and convenient trouble-free operation.



## Features

- Drop-in collars for quick, efficient swaging operations
- Time saving twist lock tooling
- Integrated power relief control valve with oversize handles & built in pressure relief system
- Top cylinder stem passes through the main frame
- A rigid 6" x 6" x 3/8" welded steel tube is used for main frame
- Industrial cylinders for better performance and reliability
- Cylinders feature hardened chrome-molly shafts that conform to ANSI 92.2 standards
- Quick release bending dies mean faster set up times
- Bending heads have precision ground surfaces within .002"
- Controls are enclosed for an obstruction free front
- 2 1/2" diameter machined steel barrel shafts used in conjunction with oil impregnated bronze bushing for ultimate dependability and minimum maintenance
- NEMA rated ON/OFF switch box automatically disrupts power when over current occurs
- Adjustable back gate pressure
- 180° bending capacity. Ask about our 180° die
- One piece solid steel barrel assures bending gates stay aligned with bending arm
- All machined steel tooling is heat treated
- Convenient tool trays keep your tooling organized
- 5 H.P. Baldor energy efficient motor
- Direct drive high speed 4 GPM pump for maximum power and performance
- Hidden single bottom cylinder applies pressure evenly to the back gates without interfering with the tubing
- Large fluid reservoir keeps the hydraulic oil running cooler and contamination to a minimum
- Filtered hydraulic system
- Oil sight gauges
- 1/2" high pressure hose for better speed and cooling
- Open sided swager box for easier access and less "crashing" tools and damaging the cylinder

PIPE BENDER / MANUAL CONTROL	
MODEL	BLUE-BULLET
Bending Control(s)	Manual / Knee Lever
Expander Control(s)	Manual / Hand Lever
Frame Style	1302 / Double-Ended Expander
Equipped With	Bending / Internal Expander / Swager Expander
Maximum Bending Radius	5"
Minimum Bending Radius	3-1/2"
Maximum Tube Capacity	3" / .095 Wall
Dies Supplied With BB-1 Pkg	1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"
Dies Supplied With BB-2 Pkg	1-1/2", 1-3/4", 1-7/8", 2", 2-1/4", 2-1/2"
Top Cylinder Working Force	55,000 lbs.
Hydraulic Filter	Canister Type
Dimensions	42" x 62" x 31"
Motor (")	5-H.P., 220 Volt, 1-Phase

\* Special Voltages Available Upon Request.  
The design, material and specifications are subject to change without notice.

## BB-1 ECONOMY TOOLING PACKAGE

BENDING DIES			PIPE COLLARS		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	5R-212	5" Radius Die / 2-1/2"	1	HAC-212	2-1/2" Pipe Collar
1	5R-214	5" Radius Die / 2-1/4"	1	HAC-214	2-1/4" Pipe Collar
1	5R-200	5" Radius Die / 2"	1	HAC-200	2" Pipe Collar
1	4R-214	4" Radius Die / 2-1/4"	1	HAC-134	2-1/2" Pipe Collar
1	4R-200	4" Radius Die / 2"	1	HAC-112	1-1/2" Pipe Collar
1	35R-134	3-1/2" Radius Die / 1-3/4"	<b>END FINISHING TOOLS</b>		
1	35R-112	3-1/2" Radius Die / 1-1/2"	QTY.	PART NO.	TOOLING DESCRIPTION
<b>BACK SHOES</b>			1	HPF-300	45 / 90-Degree Flare
QTY.	PART NO.	TOOLING DESCRIPTION	1	DD-134/212	Doming Die
2	BS-212	2-1/2" Back Shoes	2	BFED-134/212	Female Ball Flares
2	BS-214	2-1/4" Back Shoes	1	CFT-200	2" Manifold Flange Tool
2	BS-200	2" Back Shoes	1	B-212	2-1/2" Male Ball Flange
2	BS-134	1-3/4" Back Shoes	1	FP-100	Flattening Plate
2	BS-112	1-1/2" Back Shoes	1	ST-1	Stip-Twist Adapter
<b>HALF SHOES</b>			<b>SEGMENT EXPANDERS</b>		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	HS-212	2-1/2" Half Shoe	1	HSA-112	Arbor
1	HS-214	2-1/4" Half Shoe	1	SS-212	2-1/2" Segment Exp.
1	HS-200	2" Half Shoe	1	SS-214	2-1/4" Segment Exp.
1	HS-134	1-3/4" Half Shoe	1	SS-200	2" Segment Exp.
1	HS-112	1-1/2" Half Shoe	1	SS-134	1-3/4" - 1-7/8" Segment Exp.
1	SS-112	1-1/2" Segment Exp.	1	SS-112	1-1/2" Segment Exp.
<b>SOLID EXPANDER DIES</b>			<b>ACCESSORIES</b>		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	STED-212	2-1/2" Exp. Die / 2-1/4" Male Ball	1	TTA-1000	Tool Tray Set
1	STED-214	2-1/4" Exp. Die / 2" Male Ball	2	DPS-150	Pusher Block Springs
1	STED-200	2" Exp. Die / 1-3/4" Male Ball	1	Manual	Instruction Manual
1	STED-134	1-3/4" Expander Die	1	Video	Instruction Video
1	STED-112	1-1/2" Expander Die	1	OR-1	Bag / Assorted O-Rings

## BB-2 DELUXE TOOLING PACKAGE ( Same as BB-1 / Just Add The Following )

BENDING DIES			PIPE COLLARS		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	4R-178	4" Radius Die / 1-7/8"	1	HAC-178	Pipe Collar / 1-7/8"
1	35R-200	3-1/2" Radius Die / 2"	<b>BACK SHOES</b>		
<b>HALF SHOES</b>			QTY.	PART NO.	TOOLING DESCRIPTION
QTY.	PART NO.	TOOLING DESCRIPTION	2	BS-178	Back Shoes / 1-7/8"
1	HS-178	Half Shoe / 1-7/8"	<b>THREE-QUARTER SHOES</b>		
<b>SOLID EXPANDER DIE</b>			QTY.	PART NO.	TOOLING DESCRIPTION
QTY.	PART NO.	TOOLING DESCRIPTION	1	QS-214	3/4" Shoe / 2-1/4"
1	STED-178	Expander Die / 1-7/8"	1	QS-212	3/4" Shoe / 2-1/2"



# Semi-Automatic Benders

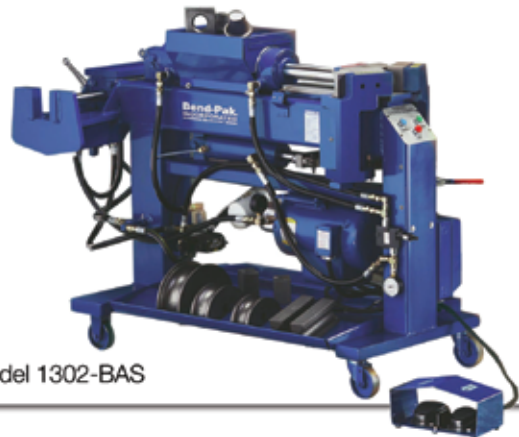
## Model 1302-BAS

A rigid frame, three button control, and double-ended swager. An independent remote foot switch allows you to perform manual bending operations standing in front of the bending head or up to 4 feet away. Having the convenience of remote operation is an added plus when handling larger tubing. Switches are industrial grade quality and covered for your protection.

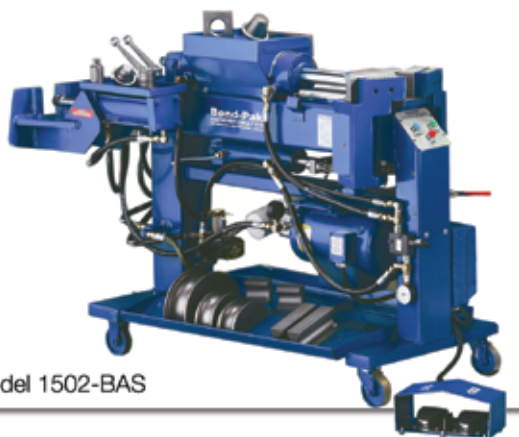
## Model 1502-BAS

We call this machine our FLAGSHIP. We took our 1502 frame equipped it with our dual unit expander and three button control. An independent remote foot switch allows you to perform manual bending operations standing in front of the bending head or up to 4 feet away. Having the convenience of remote operation is an added plus when handling larger tubing. Switches are industrial grade quality and covered for your protection.

Model 1302-BAS



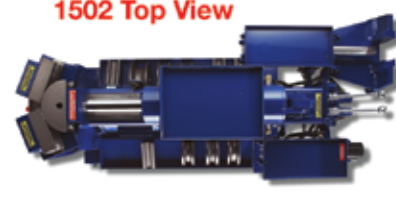
Model 1502-BAS



1302 Top View



1502 Top View



## Features

- Drop-in collars for quick, efficient swaging operations
- Time saving twist lock tooling
- Integrated power relief control valve with oversize handles & built in pressure relief system
- Top cylinder stem passes through the main frame
- A rigid 6" x 6" x 3/8" welded steel tube is used for main frame
- Industrial cylinders for better performance and reliability
- Cylinders feature hardened chrome-moly shafts that conform to ANSI 92.2 standards
- Quick release bending dies mean faster set up times
- Bending heads have precision ground surfaces within .002"
- Controls are enclosed for an obstruction free front
- 2 1/2" diameter machined steel barrel shafts used in conjunction with oil impregnated bronze bushing for ultimate dependability and minimum maintenance
- NEMA rated ON/OFF switch box automatically disrupts power when over current occurs
- Adjustable back gate pressure
- 180° bending capacity. Ask about our 180° die
- One piece solid steel barrel assures bending gates stay aligned with bending arm
- All machined steel tooling is heat treated
- Convenient tool trays keep your tooling organized
- 5 H.P. Baldor energy efficient motor
- Direct drive high speed 4 GPM pump for maximum power and performance
- Hidden single bottom cylinder applies pressure evenly to the back gates without interfering with the tubing
- Large fluid reservoir keeps the hydraulic oil running cooler and contamination to a minimum
- Filtered hydraulic system
- Oil sight gauges
- 1/2" high pressure hose for better speed and cooling
- Open sided swager box for easier access and less "crashing" tools and damaging the cylinder

PIPE BENDER / SEMI-AUTOMATIC / THREE-BUTTON CONTROL		
MODEL	1302-BAS	1502-BAS
Bending Control(s)	Semi-Automatic / Three-Button Control	Semi-Automatic / Three-Button Control
Expander Control(s)	Manual / Hand Lever	Manual / Dual Hand Levers
Frame	1302 / Double-Ended Expander	1502 / Dual Expander Units
Equipped With	Bending / Internal Expander / Swager Expander	Bending / Internal Expander / Swager Expander
Maximum Bending Radius	5"	5"
Minimum Bending Radius	3-1/2"	3-1/2"
Maximum Tube Capacity	3" / .095 Wall	3" / .095 Wall
Dies Supplied With 202 Die Pkg.	1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"	1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"
Dies Supplied With 302 Die Pkg.	1-1/2", 1-3/4", 1-7/8", 2", 2-1/4", 2-1/2"	1-1/2", 1-3/4", 1-7/8", 2", 2-1/4", 2-1/2"
Top Cylinder Working Force	60,000 lbs.	60,000 lbs.
Hydraulic Filter	Canister Type	Canister Type
Dimensions:	41" x 64" x 26"	41" x 64" x 26"
Motor (*)	5 HP / 220 VAC / 60 Hz / 1Ph.	5 HP / 220 VAC / 60 Hz / 1Ph.

\* Special Voltages Available Upon Request.  
The design, material and specifications are subject to change without notice.

### 202 ECONOMY TOOLING PACKAGE

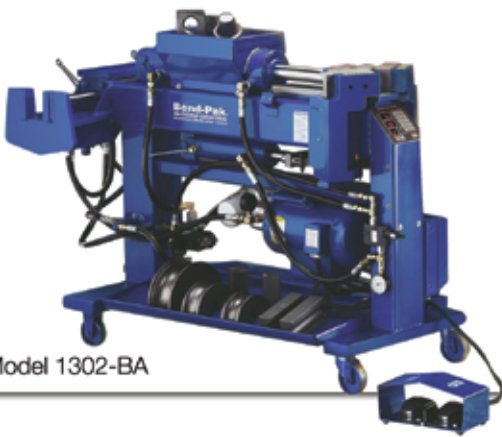
BENDING DIES			PIPE COLLARS		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	5R-212	5" Radius Die / 2-1/2"	1	HAC-212	2-1/2" Pipe Collar
1	5R-214	5" Radius Die / 2-1/4"	1	HAC-214	2-1/4" Pipe Collar
1	5R-200	5" Radius Die / 2"	1	HAC-200	2" Pipe Collar
1	4R-214	4" Radius Die / 2-1/4"	1	HAC-134	2-1/2" Pipe Collar
1	4R-200	4" Radius Die / 2"	1	HAC-112	1-1/2" Pipe Collar
1	35R-134	3-1/2" Radius Die / 1-3/4"	<b>END FINISHING TOOLS</b>		
1	35R-112	3-1/2" Radius Die / 1-1/2"	QTY.	PART NO.	TOOLING DESCRIPTION
<b>BACK SHOES</b>			1	HPF-300	45 / 90-Degree Flare
QTY.	PART NO.	TOOLING DESCRIPTION	1	DD-134/212	Doming Die
2	BS-212	2-1/2" Back Shoes	2	BFED-134/212	Female Ball Flares
2	BS-214	2-1/4" Back Shoes	1	CFT-200	2" Manifold Flange Tool
2	BS-200	2" Back Shoes	1	B-212	2-1/2" Male Ball Flange
2	BS-134	1-3/4" Back Shoes	1	FP-100	Flattening Plate
2	BS-112	1-1/2" Back Shoes	1	ST-1	Slip-Twist Adapter
<b>HALF SHOES</b>			<b>SEGMENT EXPANDERS</b>		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	HS-212	2-1/2" Half Shoe	1	HSA-112	Arbor
1	HS-214	2-1/4" Half Shoe	1	SS-212	2-1/2" Segment Exp.
1	HS-200	2" Half Shoe	1	SS-214	2-1/4" Segment Exp.
1	HS-134	1-3/4" Half Shoe	1	SS-200	2" Segment Exp.
1	HS-112	1-1/2" Half Shoe	1	SS-134	1-3/4"- 1-7/8" Segment Exp.
<b>SOLID EXPANDER DIES</b>			1	SS-112	1-1/2" Segment Exp.
QTY.	PART NO.	TOOLING DESCRIPTION	<b>ACCESSORIES</b>		
1	STED-212	2-1/2" Exp. Die / 2-1/4" Male Ball	QTY.	PART NO.	TOOLING DESCRIPTION
1	STED-214	2-1/4" Exp. Die / 2" Male Ball	1	TTA-1000	Tool Tray Set
1	STED-200	2" Exp. Die / 1-3/4" Male Ball	2	DPS-150	Pusher Block Springs
1	STED-134	1-3/4" Expander Die	1	Manual	Instruction Manual
1	STED-112	1-1/2" Expander Die	1	Video	Instruction Video
			1	OR-1	Bag / Assorted O-Rings

### 302 DELUXE TOOLING PACKAGE ( Same as 202 / Just Add The Following )

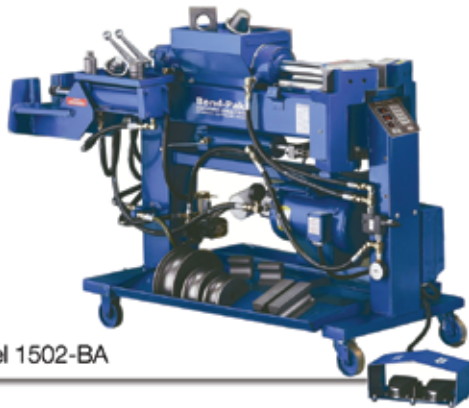
BENDING DIES			PIPE COLLARS		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	4R-178	4" Radius Die / 1-7/8"	1	HAC-178	Pipe Collar / 1-7/8"
1	35R-200	3-1/2" Radius Die / 2"	<b>BACK SHOES</b>		
<b>HALF SHOES</b>			QTY.	PART NO.	TOOLING DESCRIPTION
QTY.	PART NO.	TOOLING DESCRIPTION	2	BS-178	Back Shoes / 1-7/8"
1	HS-178	Half Shoe / 1-7/8"	<b>THREE-QUARTER SHOES</b>		
<b>SOLID EXPANDER DIE</b>			QTY.	PART NO.	TOOLING DESCRIPTION
QTY.	PART NO.	TOOLING DESCRIPTION	1	QS-214	3/4" Shoe / 2-1/4"
1	STED-178	Expander Die / 1-7/8"	1	QS-212	3/4" Shoe / 2-1/2"



# Digital-Automatic Benders



Model 1302-BA



Model 1502-BA

## Features

- Drop-in collars for quick, efficient swaging operations
- Time saving twist lock tooling
- Integrated power relief control valve with oversize handles & built in pressure relief system
- Top cylinder stem passes through the main frame
- A rigid 6" x 6" x 3/8" welded steel tube is used for main frame
- Industrial cylinders for better performance and reliability
- Cylinders feature hardened chrome-molly shafts that conform to ANSI 92.2 standards
- Quick release bending dies mean faster set up times.
- Bending heads have precision ground surfaces within .002"
- Controls are enclosed for an obstruction free front
- 2 1/2" diameter machined steel barrel shafts used in conjunction with oil impregnated bronze bushing for ultimate dependability and minimum maintenance
- NEMA rated ON/OFF switch box automatically disrupts power when over current occurs
- Adjustable back gate pressure
- 180° bending capacity. Ask about our 180° die
- One piece solid steel barrel assures bending gates stay aligned with bending arm
- All machined steel tooling is heat treated
- Convenient tool trays keep your tooling organized
- 5 H.P. Baldor energy efficient motor
- Direct drive high speed 4 GPM pump for maximum power and performance
- Hidden single bottom cylinder applies pressure evenly to the back gates without interfering with the tubing
- Large fluid reservoir keeps the hydraulic oil running cooler and contamination to a minimum
- Filtered hydraulic system
- Oil sight gauges
- 1/2" high pressure hose for better speed and cooling
- Open sided swager box for easier access and less "crashing" tools and damaging the cylinder

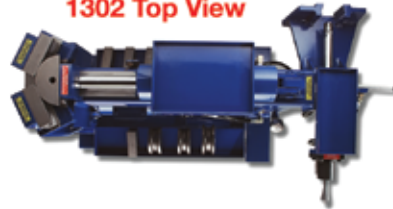
### Model 1302-BA

A rigid frame, digital controls and a double ended swager. An independent remote foot switch allows you to perform manual bending operations standing in front of the bending head or up to 4 feet away. Having the convenience of remote operation is an added plus when handling larger tubing.

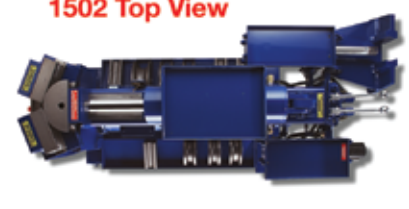
### Model 1502-BA

As good as it gets. All of our advanced engineering and technology bundled up into one great package. By building a frame that could handle the big stuff then adding digital controls, our engineers achieved a great balance of durability, functionality and performance. An independent remote foot switch allows you to perform manual bending operations standing in front of the bending head or up to 4 feet away. Having the convenience of remote operations an added plus when handling larger tubing. Switches are industrial grade quality and covered for your protection.

1302 Top View



1502 Top View



#### PIPE BENDER / AUTOMATIC / DIGITAL CONTROL

MODEL	1302-BA	1502-BA
Bending Control(s)	Automatic / Digital Control	Automatic / Digital Control
Expander Control(s)	Manual / Hand Lever	Manual / Dual Hand Levers
Frame	1302 / Double-Ended Expander	1502 / Dual Expander Units
Equipped With	Bending / Internal Expander / Swager Expander	Bending / Internal Expander / Swager Expander
Maximum Bending Radius	5"	5"
Minimum Bending Radius	3-1/2"	3-1/2"
Maximum Tube Capacity	3" / .095 Wall	3" / .095 Wall
Dies Supplied / 202 Die Pkg.	1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"	1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"
Dies Supplied / 302 Die Pkg.	1-1/2", 1-3/4", 1-7/8", 2", 2-1/4", 2-1/2"	1-1/2", 1-3/4", 1-7/8", 2", 2-1/4", 2-1/2"
Top Cylinder Working Force	60,000 lbs.	60,000 lbs.
Hydraulic Filter	Canister Type	Canister Type
Dimensions:	41" x 64" x 25"	41" x 64" x 25"
Motor (*)	5 HP / 220 VAC / 60 Hz / 1Ph.	5 HP / 220 VAC / 60 Hz / 1Ph.

\* Special Voltages Available Upon Request.

The design, material and specifications are subject to change without notice.

#### 202 ECONOMY TOOLING PACKAGE

BENDING DIES		PIPE COLLARS			
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	5R-212	5" Radius Die / 2-1/2"	1	HAC-212	2-1/2" Pipe Collar
1	5R-214	5" Radius Die / 2-1/4"	1	HAC-214	2-1/4" Pipe Collar
1	5R-200	5" Radius Die / 2"	1	HAC-200	2" Pipe Collar
1	4R-214	4" Radius Die / 2-1/4"	1	HAC-134	1-3/4" Pipe Collar
1	4R-200	4" Radius Die / 2"	1	HAC-112	1-1/2" Pipe Collar
1	35R-134	3-1/2" Radius Die / 1-3/4"	<b>END FINISHING TOOLS</b>		
1	35R-112	3-1/2" Radius Die / 1-1/2"	QTY.	PART NO.	TOOLING DESCRIPTION
<b>BACK SHOES</b>			1	HPF-300	45 / 90-Degree Flare
QTY.	PART NO.	TOOLING DESCRIPTION	1	DD-134/212	Doming Die
2	BS-212	2-1/2" Back Shoes	2	BFED-134/212	Female Ball Flares
2	BS-214	2-1/4" Back Shoes	1	CFT-200	2" Manifold Flange Tool
2	BS-200	2" Back Shoes	1	B-212	2-1/2" Male Ball Flange
2	BS-134	1-3/4" Back Shoes	1	FP-100	Flattening Plate
2	BS-112	1-1/2" Back Shoes	1	ST-1	Slip-Twist Adapter
<b>HALF SHOES</b>			<b>SEGMENT EXPANDERS</b>		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	HS-212	2-1/2" Half Shoe	1	HSA-112	Arbor
1	HS-214	2-1/4" Half Shoe	1	SS-212	2-1/2" Segment Exp.
1	HS-200	2" Half Shoe	1	SS-214	2-1/4" Segment Exp.
1	HS-134	1-3/4" Half Shoe	1	SS-200	2" Segment Exp.
1	HS-112	1-1/2" Half Shoe	1	SS-134	1-3/4" - 1-7/8" Segment Exp.
<b>SOLID EXPANDER DIES</b>			1	SS-112	1-1/2" Segment Exp.
QTY.	PART NO.	TOOLING DESCRIPTION	<b>ACCESSORIES</b>		
1	STED-212	2-1/2" Exp. Die / 2-1/4" Male Ball	QTY.	PART NO.	TOOLING DESCRIPTION
1	STED-214	2-1/4" Exp. Die / 2" Male Ball	1	TTA-1000	Tool Tray Set
1	STED-200	2" Exp. Die / 1-3/4" Male Ball	2	DPS-150	Pusher Block Springs
1	STED-134	1-3/4" Expander Die	1	Manual	Instruction Manual
1	STED-112	1-1/2" Expander Die	1	Video	Instruction Video
			1	OR-1	Bag / Assorted O-Rings

#### 302 DELUXE TOOLING PACKAGE ( Same as 202 / Just Add The Following )

BENDING DIES		PIPE COLLARS			
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	4R-178	4" Radius Die / 1-7/8"	1	HAC-178	Pipe Collar / 1-7/8"
1	35R-200	3-1/2" Radius Die / 2"	<b>BACK SHOES</b>		
<b>HALF SHOES</b>			QTY.	PART NO.	TOOLING DESCRIPTION
1	HS-178	Half Shoe / 1-7/8"	2	BS-178	Back Shoes / 1-7/8"
<b>SOLID EXPANDER DIE</b>			<b>THREE-QUARTER SHOES</b>		
QTY.	PART NO.	TOOLING DESCRIPTION	QTY.	PART NO.	TOOLING DESCRIPTION
1	STED-178	Expander Die / 1-7/8"	1	QS-214	3/4" Shoe / 2-1/4"
			1	QS-212	3/4" Shoe / 2-1/2"

# Tubing Bender Features



## Quality Construction

We've selected the finest components available to provide you with continuous trouble-free service. The 5-HP Baldor Electric "Energy-Efficient" motor is American made and was selected for its high-torque and powerful performance. Other features include a filtered hydraulic system, 1/2" high-pressure hydraulic lines, a single cylinder gate proportioning system and rigid 6" x 6" steel tubing frame.



**300-1 Three-Inch Die Package**



**300-2 Three-Inch Die Package**

## 3" Bending Capacity

We've purposely built 3" bending capacity into every BendPak bender so that you can order three inch dies when you need them. Our three inch bending dies are a fine example of our commitment to quality. No other manufacturer uses this exclusive step-cut process for the die rails that actually helps contain the larger size tubing better and gives you a more uniform bend. Not only can you bend three inch tubing but we've made it possible for you to expand it and flare it as well. We have all the dies you need to make your big tubing jobs small ones.

## Standard Tooling Packages Available



**BB-1 / 202 Economy Die Package**



**BB-2 / 302 Deluxe Die Package**

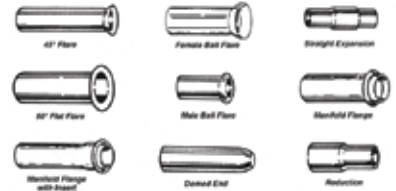


## Special Tooling Available

BendPak inventories a wide variety of standard and specialty pipe bender tooling for bending, expanding or forming round or square tube. To discuss your next bending application, call and speak to one of our customer service representatives or request one of our demonstration videos or DVD.



## TYPICAL END FINISHING



## End Finishing and Clampless Swager

With BendPak's exclusive "Clampless Swager" and Internal Expander, you can easily perform all of these end finishing operations with ease. Reducing, Internal Swaging, Flares, Flat Flares, Ball Joints, Male Ball Joints, Female Sockets, Double Donut-Type Flares, and more. All tooling is quick release.



## BAS Three-button Control

An automatic control board which is safely enclosed within the front upright of the bender is located up front for operator convenience. The GREEN button is used for full automatic bending functions, the BLUE button for initiating an automatic return sequence and the RED button for automatic stop. The depth-of-bend plate is equipped with an adjustable slide pointer that can be preset to stop at any desired bend depth.



## BA Digital Control

An advanced programmable mini-computer which is safely enclosed within the front upright of the bender allows you to make virtually every original equipment exhaust system effortlessly. The program data board controls all bending functions, both automatic or manual and stores up to 99 different bend depths.



## Internal Segment Expander

Our internal segment expander is just as unique as our Clampless Swager and can be used for both I.D. and O.D. expansions slip-fits, flares, ball-joints, and manifold flanges. Our buttress canister has a single position setting for all I.D. expansions but can also be adjusted for special sizing requirements. A single arbor is used for all tubing sizes 1 1/2" - 3".

## Optional Computer Card System

Our optional deluxe computer card system on CD contains over 3500 cards on one CD covering over 10,000 applications. The card system guides you step-by-step when fabricating original equipment exhaust and tailpipes. Coverage includes domestic and light trucks as far back as 1980. Also included is our fully illustrated reference catalog and rotation dial for standard or "mirror-image" bending. Annual updates are available.



# Product Warranties

## **BendPak 2-Post Lifts and 4-Post Lifts are warranted for five years**

on equipment structure, to be free of defects in material and workmanship. Power units, hydraulic cylinders, and all other assembly components such as turnplates, slip plates, cables, chains, valves, switches etc. are warranted for one year against defects in material or workmanship under normal use. BendPak Inc. shall repair or replace at their option for the warranty period those parts returned to the factory freight prepaid which prove upon inspection to be defective. BendPak Inc. will pay labor costs for the first 12 months only on parts returned as previously described.

## **BendPak X-Rack Scissors Lifts are warranted for 18 months**

on equipment structure, to be free of defects in material and workmanship. Power units, hydraulic cylinders, and all other assembly components such as turnplates, slip plates, valves, switches etc. are warranted for one year against defects in material or workmanship under normal use. BendPak Inc. shall repair or replace at their option for the warranty period those parts returned to the factory freight prepaid which prove upon inspection to be defective. BendPak Inc. will pay labor costs for the first 12 months only on parts returned as previously described.

## **BendPak Low-Rise Lifts and Bridge Jacks are warranted for one year**

on equipment structure and all operating components, to be free of defects in material and workmanship under normal use. BendPak Inc. shall repair or replace at their option for the warranty period those parts returned to the factory freight prepaid which prove upon inspection to be defective. BendPak Inc. will pay labor costs for the first 12 months only on parts returned as previously described.

## **BendPak MCL Mobile Column Lifts are warranted for one year**

on equipment structure and all operating components, to be free of defects in material and workmanship under normal use. BendPak Inc. shall repair or replace at their option for the warranty period those parts returned to the factory freight prepaid which prove upon inspection to be defective. BendPak Inc. will pay labor costs for the first 12 months only on parts returned as previously described.

## **BendPak Tubing Benders are warranted for five years**

on equipment structure, to be free of defects in material and workmanship. Motors, hydraulic cylinders, valves, switches and all other assembly components and tooling are warranted for one year against defects in material or workmanship under normal use. BendPak Inc. shall repair or replace at their option for the warranty period those parts returned to the factory freight prepaid which prove upon inspection to be defective. BendPak Inc. will pay labor costs for the first 12 months only on parts returned as previously described.

## **BendPak Tri-Max Series Air Compressors are warranted for five years**

on the compressor tank, two years on the compressor pump and one year on the electric motor and all other assembly components such as valves and switches against defects in material or workmanship under normal use. The five-year tank warranty will apply to ASME air receivers only if they are installed on rubber anti-vibration pads or approved equivalent. BendPak Inc. will pay labor costs for the first 12 months only on parts returned as previously described.

These warranties do not extend to defects caused by ordinary wear, abuse, misuse, shipping damage, improper installation, voltage or lack of required maintenance. Any failure that results from an accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) supplied. Normal wear items or service normally required to maintain the product in a safe operating condition. Any component damaged in shipment. Other items not listed but may be considered general wear parts. Damage caused by rain, excessive humidity, corrosive environments or other contaminants. THESE WARRANTIES DO NOT EXTEND TO ANY COSMETIC DEFECT NOT INTERFERING WITH EQUIPMENT FUNCTIONALITY OR ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE, OR MALFUNCTION OF A BENDPAK INC PRODUCT OR THE BREACH OR DELAY IN PERFORMANCE OF THE WARRANTY.

This warranty is exclusive and in lieu of all other warranties expressed or implied. BendPak makes no warranty on components and/or accessories furnished to BendPak by third parties. These are warranted only to the extent of the original manufacturer's warranty to BendPak. Other items not listed but may be considered general wear parts. BendPak reserves the right to make design changes or add improvements to its product line without incurring any obligation to make such changes on product sold previously. Warranty adjustments within the above stated policies are based on the model and serial number of the equipment. This data must be furnished with all warranty claims.

\* FULL WARRANTY STATEMENTS CAN BE FOUND IN THEIR RESPECTIVE MANUALS.

## A Strong Future

BendPak Inc. is one of the largest and strongest automotive service equipment manufacturers in the global vehicle repair marketplace. All around the world, the BendPak brand is recognized as the badge of quality. For the past 45 years, we've been pioneering service equipment technology, marketing, and training programs, as well as operational and supply systems that are now considered the standard for the entire industry. The BendPak story began back in 1965 with the opening of QMA, Quality Machine & Associates. The new business, wholly owned and operated by Don Henthorn, quickly gained a reputation as a premier manufacturer, specialized in precision machine work and servicing customers like Rocketdyne, Rockwell and Hughes Aircraft. In 1979, QMA began development on its newest project—a hydraulic tubing bender designed for muffler shops. They settled on the brand name BendPak, and a legacy was born.

## Global Manufacturing / Sharing a Common Focus on Excellence

All sales, final inspections, engineering, testing, product development and standards certifications are performed at our factory in Santa Paula, CA. Other production is performed at BendPak operated factories overseas that are responsible for component manufacturing. Our current facilities encompass over 600,000 square feet and consist of vertically integrated manufacturing, operations and logistics facilities across the globe. They are all ISO 9000 and 9001 accredited, further supporting our position as a premier global manufacturer. At BendPak, we ensure that our offshore manufacturing is no different in approach, standards, quality, inspection or packaging from our domestic production. These facilities are audited year round and undergo systematic evaluation of documented quality programs such as TUV, ANSI/ALI ALCTV, CSA, UL and AS/NZS 1418.9. The program is audited quarterly, regardless of the facility location, to ensure continued compliance with all applicable standards.

## Experience Counts

No other full-service equipment provider has the industry and technology know-how that we've developed over our 45-year history. BendPak Inc. provides service to more than 350,000 satisfied customers worldwide. Our trained and certified structural and engineering staff averages over 25 years of industry experience. Plus, a fully staffed customer care center (CCC) is conveniently available with experienced personnel that are available to meet all your support needs.

## Customer Care Center (CCC)

BendPak Inc.'s customer care center offers service, installation and equipment troubleshooting, right over the phone. If a resolution cannot be promptly reached over the phone, a factory technician or service provider may be dispatched to resolve the situation on-site, with replacement parts in-hand. Our technical support staff has direct access to tools, equipment and / or necessary manufacturer's technical and engineering resources to resolve any complex technical issue as quickly as possible.

## Large Parts Inventory

BendPak Inc.'s "Spare in the Air" repair strategy provides overnight-or-sooner part replacement. With a single phone call, our expert service teams will work expeditiously to identify the equipment problem and facilitate timely repair or parts replacement. Our comprehensive spares inventory and partnerships with industry-leading service providers ensure the quickest possible turnaround. What's more, BendPak's warehouses and shipping processes are state-of-the-art. A logistics support team verifies availability, inventory, shipping and delivery from start to finish. So when you buy BendPak, you're getting more than great automobile service equipment. You're getting peace of mind.



Our present corporate headquarters in Santa Paula, California is our second expanded site and now totals over 200,000 square feet of manufacturing and administrative areas.



**www.bendpak.com**  
**www.rangerproducts.com**

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Inquire about these certification listings.

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