



Model: HDO-14LSX

Description: Medium-Duty Open-Front Alignment Lift

BendPak's HDSO-14LSX was engineered to meet the demands of even the toughest professionals. Designed into every "HD-Series" lift are key features that make them the absolute best you can buy, a long list of features that improve safety, durability and productivity. These commercial-grade lifts are second to none and have become benchmarks throughout the world for quality and dependability.

Aircraft-quality stainless steel and aluminum pneumatic cylinders release all four locks simultaneously with the simple push of a button. The spring-loaded safety locks automatically engage continuously when raising the lift. For added safety a secondary lock system acts as a slack-cable device automatically engaging in the event of an unexpected cable failure. Lifting cables, airlines, safety latches and sheaves are all fully enclosed within lift structure.

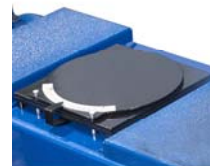


Each lift is equipped with a single hydraulic cylinder hidden away under the runway for maximum performance and reliability and minimum exposure to elements. Our industrial-grade hydraulic cylinders feature a one-piece, pilot fitted, machined steel piston wrapped with specially designed, pressure loaded U-cup piston seals, backups and wear bands that virtually eliminates any fluid bypass. The micro-smooth chrome-rod is machined from high yield, ground & polished C-1045/50 micro-alloy steel and plated to a minimum of .001½ diametrically, to ensure superior cylinder operation and life. Specially designed, high durometer, mechanically loaded rod seals virtually eliminate rod seal leakage and a specially formulated abrasion resistant urethane rod wiper provides exclusion protection. The welded cylinder body is made from high yield-strength steel tubing produced to exceed ASTM specifications. This combination of superb base material and superior processing ensures straight, smooth and long duty life cylinders. An integrated flow restrictor provides a controlled descent in the case of an unexpected hose rupture.

All BendPak lifts feature a durable powder coat finish that gives the metal a high-quality, extremely durable finish which can withstand even the harshest environmental or chemical conditions. Unlike other companies that claim to powder coat, we take pride in our meticulous process. First, all parts are visually inspected then sandblasted then washed in our five-stage phosphate tanks. They're immediately dried, to avoid rust production then any surfaces and/or threaded holes that need to be masked or plugged are done so with high-temperature masking tape and silicone plugs. Next, the parts are given a quick thinner wipe to remove any light debris or fingerprints then hung on an electrostatically grounded conveyor line. The powder is then applied using an electrostatic spray gun. The powder "sticks" to the parts similar to how dust sticks to a television screen. Once the parts are powder coated, the carts are rolled into our curing oven and baked at 400 degrees for 15 for 45 minutes.

Standard features

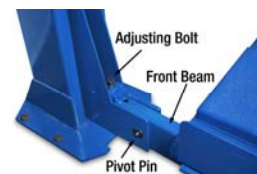
- 14,000 pound lifting capacity
- Open-front design for easy access
- Heavy-duty turn plates and integrated rear slip-plates included
- Adjustable front outrigger tubes
- Multi-position turn plate pockets
- Automatic leveling system
- Runways include rail-kit for optional accessories
- Electric/hydraulic power system
- Single hydraulic cylinder mounted underneath runway
- Internal "Anti-Sway" slider blocks in each column
- Features heavy-duty ½" aircraft cable
- Rugged 1-3/8" roller axles and oversize self-lubricating cable sheaves
- Multi-position safety locks in each column
- Ramps feature non-skid surface
- Push-button safety release
- Runways adjust for different tread widths
- Optional 7,000 pound capacity rolling jacks available (Model RJ-7)



Durable Front Turn-Plates



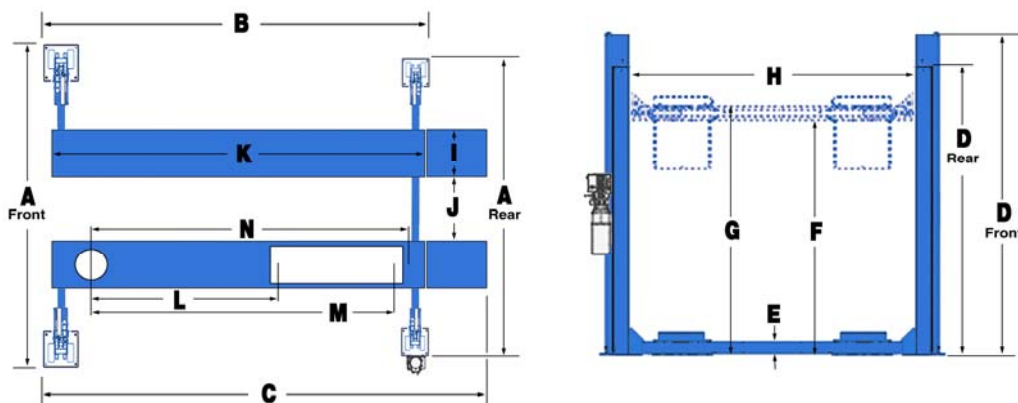
Integrated Rear Slip-Plates



Adjustable Front Outrigger Tubes



Optional RJ-7 Bridge Jacks



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	208" / 5283 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.
* May vary depending on wheel size.	
** Special Voltages Available Upon Request.	
The design, material and specifications are subject to change without notice.	