



**Model(s): HDS18A /HDS27A /HDS27XA /HDS35A /HDS35XA**  
**Description: Heavy-Duty Four-Post Alignment Lifts**

BendPak's "HDS-Truck Series" alignment ready four-post lifts are a whole new breed of rugged. They're newly engineered super-duty truck lifts that make light work out of heavy lifting. They work better, are built to last, and feature upgrades that increase safety, durability and productivity. Five models provide a generous 18,000, 27,000, or 35,000-lb. lifting capacity and feature extra-wide runways to accommodate a wide variety of vehicles configurations.

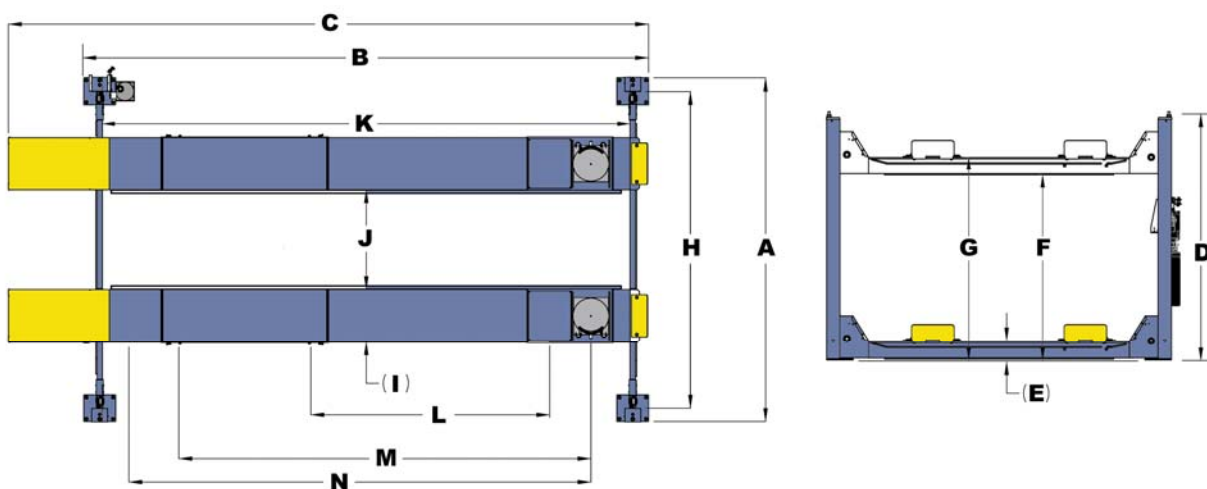
Adjustable leveling, integrated front radius plates, and rear slip plates makes them alignment ready and compatible with all leading alignment instrumentation, including 3D and camera wheel alignment systems.



**Features**

- Multi-caster slip plates in the back and turn plates in the front allow for extremely precise, free-floating alignment.
- Multiple turn plate pockets let you position the turn plates in the location best suited to individual vehicle positioning - provides for more clearances related to allowable equipment installations.
- Spring-loaded safety locks automatically engage continuously during rise and adjustable safety ladders allow for precise runway leveling even when installed on sloped floors.
- Supersized 12" diameter cable sheaves within the runway and cross tubes combined with massive 4" diameter sheave axles dramatically improve cable wear and critical component lifespan meaning you'll increase safety and spend less money in service related expenses down the road.
- BendPak's HDS-Truck Series lifts feature four stainless-steel lifting cables that provide a great balance between abrasion resistance and fatigue.
- Grease nipples are located on every sheave and sheave axle to make lubrication maintenance a breeze.
- Each HDS-Truck Series four-post lift is equipped with a single hydraulic cylinder hidden away under the runway for maximum performance and reliability and minimum exposure to elements. The hydraulic cylinder features high-durometer rod seals, pressure loaded U-cup piston seals, backups and wear bands that virtually eliminate any fluid bypass. The welded cylinder body is made from high strength steel tubing produced to exceed ASTM specifications. This combination of superb base material and superior processing ensures straight, smooth, cylinders that will provide years and years of dependable trouble-free service.
- An integrated hydraulic flow restrictor provides a controlled descent in the unlikely event of an unexpected hose rupture.
- A durable powder coat finish can withstand harsh environments and chemical spills and will provide years of protection.
- A simple push-button pneumatic lock release makes lowering operations simple and fast. Aircraft-quality stainless steel and aluminum pneumatic cylinders will provide years of trouble-free service.
- A secondary lock system is on constant guard and acts as a slack-cable device in the unlikely event of an unexpected cable failure.
- Lifting cables, airlines, safety latches and sheaves are all fully enclosed within lift structure.
- Features multiple adjustable height locking positions for variable-height parking and infinite leveling.
- A maintenance-free electric hydraulic power system assures ultimate dependability.
- All operator controls are conveniently located within easy reach.

- 12" x 12" base plates provide a solid foundation.
- Non-skid runways provides maximum grip, even when the runway surface is wet or oily.
- Optional rolling jacks make a great addition to increase service capacity. Rolling jacks are used to raise the front or rear portion of a vehicle off the runways allowing operators to perform efficient wheel and break service. A pair of jacks allows the entire vehicle to be elevated. Each jack has telescoping arms and frame contact pads that can be extended over the runways and positioned under vehicle lifting points. Each jack features three safety-lock positions and stackable truck and van adapters for increased lifting height and better access to frame contact points on high ground-clearance vehicles. The jacks come equipped with a commercial grade air-hydraulic pump.



## Specifications

MODEL	HDS8A	HDS27A	HDS27XA	HDS35A	HDS35XA
Lifting Capacity*	18,000 lbs. / 8165 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.

<b>F</b> – Max. Rise	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.	60" / 1524 mm.
<b>G</b> - 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.
<b>H</b> - Width Between Columns	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.	134" / 3404 mm.
<b>I</b> - Runway Width	22" / 559 mm.	22" / 559 mm.	22" / 559 mm.	28" / 711 mm.	28" / 711 mm.
<b>J</b> - Width Between Runways (*)	38" - 56"	38" - 56"	38" - 56"	36" - 47"	36" - 47"
	965 mm. – 1422 mm.	965 mm. – 1422 mm.	965 mm. – 1422 mm.	914 mm. – 1194 mm.	914 mm. – 1194 mm.
<b>K</b> - Length of Runways	203" / 5156 mm.	263" / 6680 mm.	323" / 8204 mm.	263" / 6680 mm.	323" / 8204 mm.
<b>L</b> - Min. 4-Wheel Alignment (**)	83" / 2108 mm.	83" / 2108 mm.	83" / 2108 mm.	83" / 2108 mm.	83" / 2108 mm.
<b>M</b> - Max. 4-Wheel Alignment (**)	138" / 3505 mm.	138" / 3505 mm.	138" / 3505 mm.	138" / 3505 mm.	138" / 3505 mm.
<b>N</b> - Max 2-Wheel Alignment (**)	151" / 3835 mm.	211" / 5359 mm.	271" / 6883 mm.	211" / 5359 mm.	271" / 6883 mm.
Min. Wheelbase @ Rated Capacity	145" / 3683 mm.	185" / 4699 mm.	230" / 5842 mm.	185" / 4699 mm.	230" / 5842 mm.
Min. Wheelbase @ 75% Capacity	125" / 3175 mm.	160" / 4064 mm.	195" / 4953 mm.	160" / 4064 mm.	195" / 4953 mm.
Min. Wheelbase @ 50% Capacity	105" / 2667 mm.	135" / 3429 mm.	165" / 4191 mm.	135" / 3429 mm.	165" / 4191 mm.
Min. Wheelbase @ 25% Capacity	85" / 2159 mm.	110" / 2794 mm.	130" / 3302 mm.	110" / 2794 mm.	130" / 3302 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.

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