



**Model(s): HDS-18EA**

**Description: Heavy-Duty Four-Post Alignment Lifts**

BendPak's HDS-18EA alignment ready four-post lift is a whole new breed of rugged. It's a newly engineered super-duty truck lift that makes light work out of heavy lifting. The simple design works better and lasts longer and feature upgrades increase safety, durability and productivity. A generous 18,000-lb. lifting capacity with extra-wide runways and extended length means it's ready to accommodate a wide variety of vehicle configurations. Adjustable leveling, integrated front radius plates, and rear slip plates makes it alignment ready and compatible with all leading alignment instrumentation, including 3D and camera wheel alignment systems.

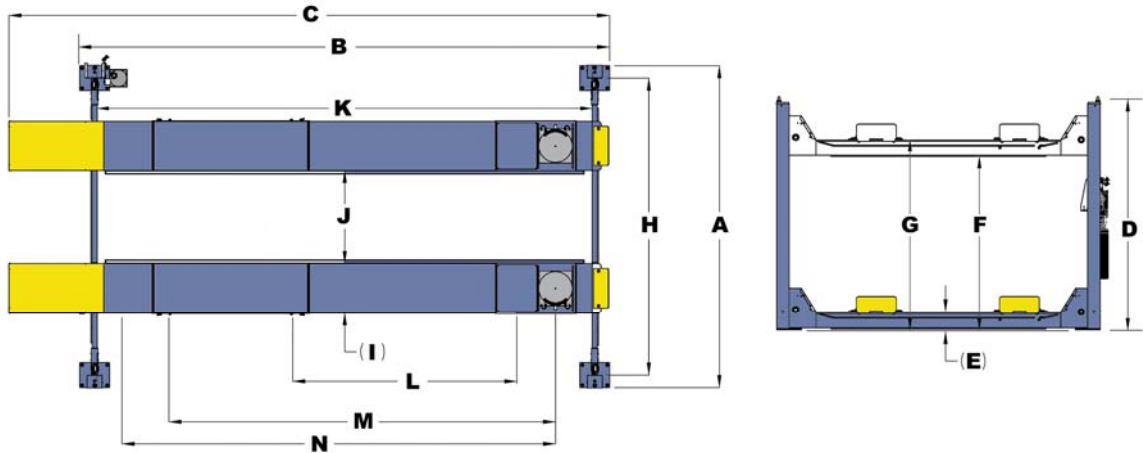


**Features**

- 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 3" 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.
- Features four galvanized aircraft-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.
- 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	HD-18EA
Lifting Capacity*	18,000 lbs. / 8165 Kg.
*Max Capacity / Front Axle	9,000 lbs. / 4082 Kg.
*Max Capacity / Rear Axle	9,000 lbs. / 4082 Kg.
A - Overall Width	154" / 3912 mm.
B - Outside Length	257" / 6528 mm.
C - Overall Length	297" / 7544 mm.
D - Height of Columns	93" / 2362 mm.
E - Min. Runway Height	10-1/2" / 267 mm.
F - Max. Rise	60" / 1524 mm.
G - Max. Lifting Height	70-1/2" / 1791 mm.
H - Width Between Columns	134" / 3404 mm.
I - Runway Width	22" / 559 mm.
	38" - 56"
J - Width Between Runways (*)	965 mm. - 1422 mm.
K - Length of Runways	263" / 6680 mm.
L - Min. 4-Wheel Alignment (**)	83" / 2108 mm.
M - Max. 4-Wheel Alignment (**)	138" / 3505 mm.
N - Max 2-Wheel Alignment (**)	211" / 5359 mm.
Min. Wheelbase @ Rated Capacity	185" / 4699 mm.
Min. Wheelbase @ 75% Capacity	160" / 4064 mm.
Min. Wheelbase @ 50% Capacity	135" / 3429 mm.
Min. Wheelbase @ 25% Capacity	110" / 2794 mm.
Locking Positions	9
Lock Spacing	Every 6" / 152 mm.
Lifting Time	75 Seconds
Standard Motor (**)	220 VAC / 60 Hz. 1Ph.