

▼ Shown: HSK1250 Skidding System



- PTFE skid pads with dimpled surface for low friction and long lifetime
- Easy to replace skid pads, no tools necessary
- Bi-directional operation using push/pull cylinders avoid the need to reposition cylinders for switching direction
- Large load support surface on the skid beams for distributing load
- Bottom of skid shoes equipped with stainless steel sliding plates
- Low-height versions available.

▼ A custom hydraulic Low Height Skidding System (HSLH) will provide the maintenance team with the ability to maneuver and transport transformers with physical access limitations.



The Ideal Jack and Slide Solution



Skidding Systems

The HSK skidding system is comprised of a series of skid-shoes powered by hydraulic push-pull cylinders, travelling over a pre-constructed track.

A series of special PTFE coated blocks are placed on the skid-tracks. The PTFE surface is matched with a sliding plate under the Enerpac skid shoes, designed to achieve minimum friction coefficients. The skid shoes are connected by hoses to a hydraulic electric or diesel driven power pack.

In addition to our standard skidding systems we have the capability to create customized skidding systems to meet your specific requirements.



Controls

Enerpac offers several options for controlling our skidding systems. Wireless Controls allows the operator the freedom to view the skidding operation from multiple locations while providing complete control of all system functions.

Manual controls offer a cost-effective solution by utilizing manual hydraulic valves mounted directly on the skidding system power unit.

▼ HSKJ-2500 Skid Shoe Jack.





Skidding Systems

Enerpac Skidding Systems are available in several versions:

- **HSKB-Series (Skid Shoe Beam)** utilizes a tall skid shoe with built-in push/pull cylinders. Skidding direction can be easily switch by flipping a lever on the attached gripper box.
- **HSKJ-Series (Skid Shoe Jack)** provide the same functionality as the HSKB with the added benefit of having a built-in cylinder for lifting or leveling the load.

- **HSKLH-Series (Low Height Skid Shoe)** designed with low height skid shoes that can be linked together. The push/pull cylinder (sold separately) is connected to the first shoe. We also offer a support beam for using the thin track that is not fully supported.

To calculate the minimum required capacity per shoe, the entire load has to be able to rest safely on 2 of the 4 shoes. To skid a load of 500 tons, the required skidding system is HSK2500.

HSK Series



Capacity:

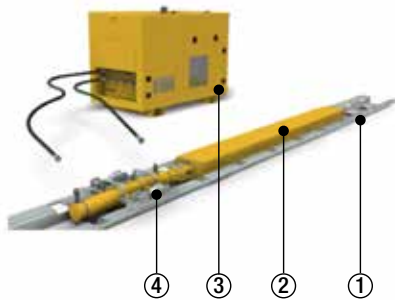
90 - 250 ton

Push/Pull Stroke:

600 mm

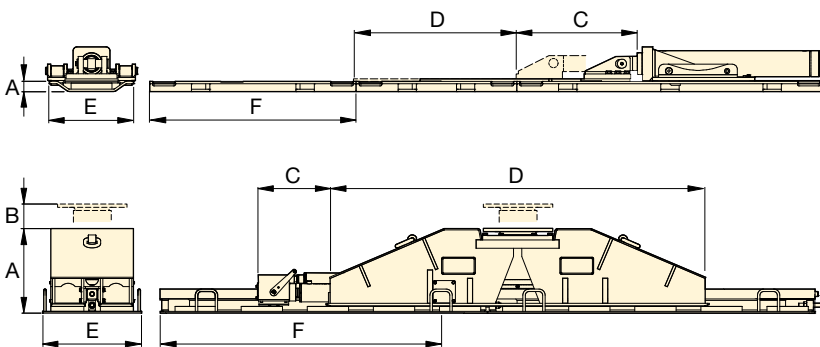
Lifting Stroke:

175 mm



Skidding System Requirements

- ① Skid Track
- ② Skid Beam
- ③ Hydraulic Power Pack
- ④ Hydraulic Push/Pull Unit



Skid Tracks

Include specially constructed and easily replaceable PTFE coated pads. Skid track is sold separately.



Hydraulic Power Packs

Enerpac offers a comprehensive range of hydraulic power packs that are optimized for use with their industry leading Skidding Systems.



The Power Pack can operate up to 4 push/pull cylinders. Typically 4 skid shoes are used to skid a load. All details below are for the skid shoe and track. Skid track is sold separately.

Maximum Lifting Capacity (per shoe)	Maximum Skidding Capacity		Model Number	Skid Shoe Height (with track)	Lifting Stroke	Push/Pull Stroke	Skid Shoe Length	Skid Shoe Weight	Skid Track Width	Skid Track Length	Skid Track Weight
	ton (kN)	Push									
90 (900)	22 (220)	10 (100)	HSKLH900	62	–	600	1500	61	416	1500	54
115 (1150)	30 (300)	15 (150)	HSKLH1150	62	–	600	1500	61	416	1500	54
125 (1250)	22 (220)	16 (160)	HSKB1250	309	–	600	2500	740	400	1983	120
125 (1250)	22 (220)	16 (160)	HSKJ1250	502	175	600	1690	790	400	1983	120
200 (2000)	25 (255)	14 (141)	HSKLH2000	204	–	600	2902	340	540	1998	120
250 (2500)	40 (400)	26 (260)	HSKB2500	374	–	600	3000	1020	600	1946	290
250 (2500)	40 (400)	26 (260)	HSKJ2500	600	175	600	1784	1450	600	1946	290