

▼ Shown: HSK1250 Skidding System



HSK-Series, 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.

LH-Series, Low-Height Skidding System

- 2-in-1 track design for added support
- Intuitive pump controls (SFP-Series Split-Flow Pump)
- Easily reversible to change skidding direction
- Portable design for quick setup.

▼ A custom hydraulic Low-Height Skidding System 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 skidding system is comprised of a series of skid beams moved by hydraulic push-pull cylinders, travelling over a pre-constructed track.

A series of special PTFE coated pads are placed on the skid tracks. The PTFE surface is matched with a sliding plate under the Enerpac skid beams, designed to achieve minimum friction coefficients. The skid beams 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.

▼ HSKJ2500 Skid Shoe Jack.



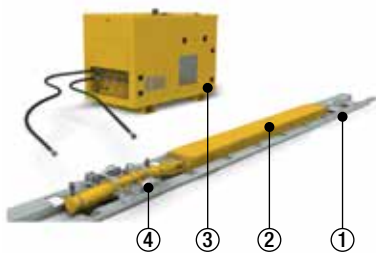


Skidding Systems

Enerpac Skidding Systems are available in several versions:

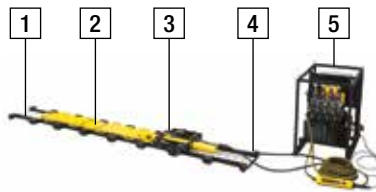
- **B-Series (Skid Beam)** utilizes a tall skid beam with built-in push-pull cylinders. Skidding direction can be easily switched by flipping a lever on the attached gripper box.
- **J-Series (Skid Jack)** provides the same functionality as the B-Series with the added benefit of having a built-in cylinder for lifting or leveling the load.

- **LH-Series (Low-Height)** includes low-height skid beams that can fit in tight spaces while still offering high capacity. We also offer a track support for added rigidity when the surface is not fully supported.



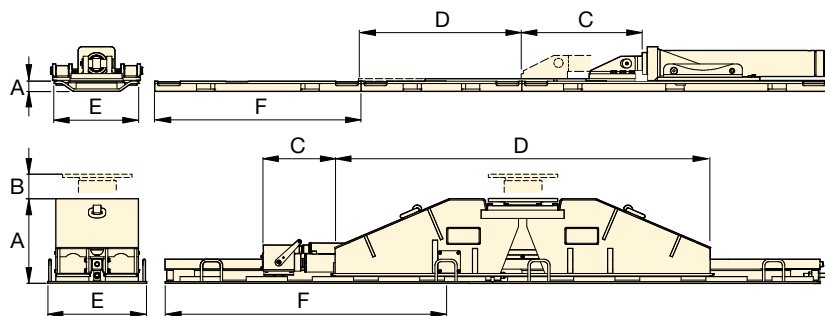
HSK-Series Skidding System Requirements

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



LH-Series Skidding System Requirements

- 1 Skid Track (required)
- 2 Skid Beam (required)
- 3 Push-Pull Cylinder Unit (required)
- 4 Hydraulic Hoses (required)
- 5 Split-Flow Electric Pump (required)
- 6 Track Support (optional, not shown)
- 7 Storage/Transport Frame (optional, not shown)
- 8 Pump Cart (optional, not shown)



Skidding Systems

Maximum Capacity (per beam)	Maximum Push-Pull Capacity ton (kN)		Model Number	Skid Beam Height (with track)	Lifting Stroke	Push-Pull Stroke	Skid Beam Length	Skid Beam Weight	Skid Track Width	Skid Track Length	Skid Track Weight
	ton (kN)										
		Push	Pull	A (mm)	B (mm)	C (mm)	D (mm)	(kg)	E (mm)	F (mm)	(kg)
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
180 (1780)	25 (255)	11 (98)	LH400 *	92	–	600	1080	63	250	955	67

* Low-Height Skidding System, see pages 358 - 361 for detailed and technical information.

HSK LH Series



Capacity:

125 - 250 ton

Push/Pull Stroke:

600 mm

Lifting Stroke:

175 mm



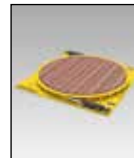
Skid Tracks

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 Skidding Systems.



ETT-Series Turntables, Safe and controlled rotation

The ETT-Series Turntables is your solution for rotating heavy loads during, before or after a lifting and skidding operation.

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