

▼ Shown: **HSK1250 Skidding System**



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 to reduce friction. 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 powerpack.

In addition to our standard skidding systems, Enerpac can create customized skidding systems to meet your specific requirements.

HSK-Series, Skidding Systems

- 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

- Low starting height saves time and increases versatility
- Intuitive pump controls (SFP-Series Split-Flow Pump)
- Easily reversible to change skidding direction
- Portable design for quick setup



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.

▼ LH400 series skidding system used to remove an obsolete press from a facility to make room for new equipment.



▼ HSKJ1250 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 switch 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.

HSK LH Series



Capacity:

140 - 280 tons

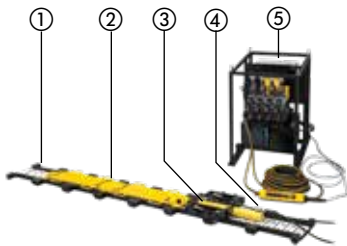
Stroke Push/Pull:

23.62 inches

Lifting Stroke*:

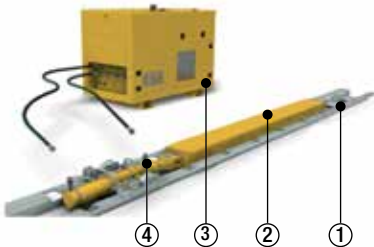
6.89 inches

* HSKJ Skid shoe jack version only.



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)



HSK-Series 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.



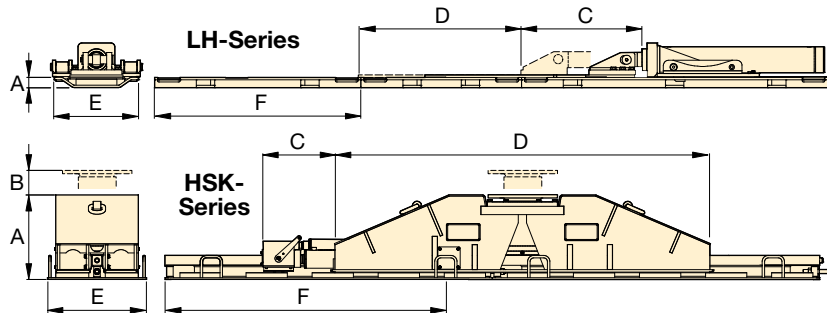
Hydraulic Power Packs

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



Low-Height Skidding and Turntable

See pages 78-82 of this catalog for full details on these versatile products.



Maximum Capacity (per push-pull unit)*	Maximum Push-Pull Capacity (ton)		Model Number	Skid Beam Height (with track)	Lifting Stroke	Push-Pull Stroke	Skid Beam Length	Skid Track Width	Skid Track Length	Skid Beam Weight	Skid Track Weight
(ton)	Push	Pull		A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	(lbs)	(lbs)
140	25	18	HSKB1250	12.17	—	23.62	98.43	15.75	78.06	1,631	265
140	25	18	HSKJ1250	19.76	6.89	23.62	66.54	15.75	78.06	1,742	265
280	45	30	HSKB2500	14.72	—	23.62	118.11	23.62	76.61	2,249	640
280	45	30	HSKJ2500	23.62	6.89	23.62	70.23	23.62	76.61	3,197	640
200	25	11	LH400 **	3.62	—	23.62	42.52	18.31	37.60	139	148

* Note: Multiple push-pull units are combined to offer greater capacity. Typical setup is two or more units.

** Low-Height Skidding System. See pages 78-81 for details and components.