

▼ LH-Series, Low-Height Skidding System



- **Low starting height saves time and increases versatility**
- **Portable design allows for easy transport and setup**
- **System can push or pull load without relocating skidding cylinder**
- **Skid track sections bolt together to allow each setup to be customized as needed**
- **Replaceable PTFE skid pads lower the total cost of ownership**

Low Height Skidding System for Heavy Loads

The Ideal Low-Height Jack & 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 skid track.

A series of special PTFE-coated Teflon® pads are placed on the skid tracks to reduce friction. The push-pull cylinders are then connected by hydraulic hoses to our Split-Flow Pump. The Split-Flow Pump can be mounted on an optional pump cart for easy transport.

An optional storage and transport frame easily holds the equipment in between use.

▼ LH400, Low-Height Skidding System provides the service team with the ability to maneuver and transport a press frame.



Low-Height Skidding System, 400 Tons



Low-Height Skidding Jack Starter Kit - LH400SK

A complete starter kit is available to fit the needs of any jack and slide application.

This system comes with two skidding units that will support up to 400 tons in total. This kit will get the job done, but there are optional accessories available in addition (see pages 80-81).

Each skidding unit will have 1 push-pull unit, 2 skid beams and 5 skid tracks

LH400SK Starter Kit includes:	Model Number	Qty.
Push-Pull Unit (200 tons)	LHPP25	2x
Skid Beam A (3.3 feet)	LHSB1A	2x
Skid Beam B (3.3 feet)	LHSB1B	2x
Skid Track (3.3 feet)	LHST1	10x
Storage and Transport Frame	LHSF	1x

The Split-Flow Pump (to be ordered separately) has 2 outlets and can be easily towed on the pump cart. After the job is complete, components can be stowed on the included storage and transport frame.

LH Series



Skidding Capacity (with 2 push-pull units):

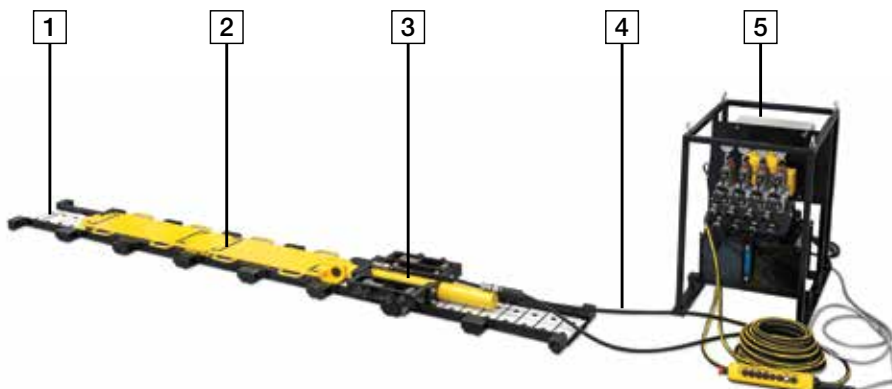
400 tons

Push-Pull Stroke:

23.5 inches

Maximum Operating Pressure:

10,000 psi

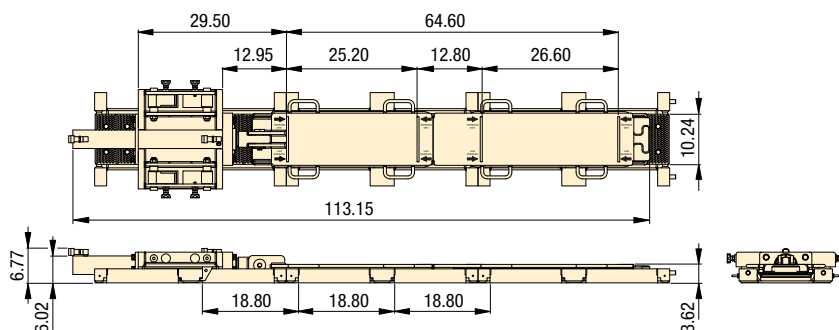


▼ LH-Series Skidding System Requirements

1	Skid Track - LHST1	Required
2	Skid Beam - LHSB1A and LHSB1B	Required
3	Push-Pull Cylinder Unit - LHPP25	Required
4	Hydraulic Hoses	Required
5	Split-Flow Electric Pump	Required
6*	Track Support	Application Dependent
7*	Storage and Transport Frame - LHSF	Optional
8*	Pump Cart - LHPC	Optional

* not shown

LH400 Low-Height Skidding System



SFP-Series, Split-Flow Pump

Split-Flow pumps distribute an equal amount of hydraulic oil to a maximum of 8 outlets. Smart valve technology allows both controlled lifting and lowering of heavy loads.

Page: 132



Hydraulic Power Packs

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



LHPC Pump Cart

The LHPC pump cart easily tows pump around jobsite and can be used with all models of Split-Flow Pumps.

▼ **LHPP25 Low-Height Push-Pull Unit**



Push-Pull Unit

- Connects to first skid beam to push or pull load along skid track
- Easily reverse direction by switching reaction tabs
- Complies to ASME B30.1 and other safety standards

Maximum Capacity (tons)		Model Number	Stroke (inch)	Weight (lbs)
Push	Pull			
25	11	LHPP25	23.5	224

▼ **LHSB1A and LHSB1B Skid Beams**



Skid Beams

- Interlocks without any fasteners to slide load over skid track; skid beam A (LHSB1A) attaches to the push-pull unit skid beam B (LHSB1B) attaches to skid beam A
- Polished stainless steel skid surface
- Carrying handles for easy transport

Capacity (tons)	Model Number	Weight (lbs)
100	LHSB1A	145
100	LHSB1B	139

Low-Height Skidding Components

▼ LHST1 Skid Track



- Support the load for skidding operations
- Track sections bolt together
- Includes 9 pieces easily replaceable PTFE skid pads

Max.Cap. (per skid track)	Model Number	Track Length	Weight (including pads)
(tons)		(in)	(lbs)
100	LHST1	37.60	148

LH Series



Skidding Capacity (with 2 push-pull units):

400 tons

Push-Pull Stroke:

23.5 inches

Maximum Operating Pressure:

10,000 psi



Teflon® Pads

A series of special PTFE coated Teflon® pads are placed on the skid tracks.

The PTFE surface is matched

with the skid beam and designed to achieve minimum friction coefficients.

Replacement Teflon® pads come in packs of 12 pieces.

Order model number **HSKSPS1**.



LHSF Storage and Transport Frame

- For easy storage and transport.
- Fits following components:

2x LLPP25 Push-Pull Unit

2x LHSB1A Skid Beam A

2x LHBS1B Skid Beam B

10x LHST1 Skid Tracks

▼ An LH400 Skidding System allows the maintenance team to transport transformers with access limitations.



▼ Details of push-pull unit of LH400.



▼ Low-Height Skidding System assembly (LH400).

