

▼ HSL150, HSL2000, HSL700 Heavy Lifting Strand Jacks



- Precision control of synchronous lifting and lowering
- Can be controlled by a single operator from a central location for increased safety
- Automated locking - unlocking operation
- Two strand sizes: 0.62 inch (15,7 mm) and 0.71 inch (18 mm)
- Telescopic strand guide pipes prevent bird caging
- Internal components are coated with Lunac, an anti-corrosion coating, making it suitable for marine environments
- Lifting anchor included with all strand jacks
- Lloyd's witness tested to 125% of maximum working load.

▼ HSL85007 Strand Jack System used on Enerpac custom Self-Erecting Tower.



High Capacity Precision Control



Heavy Lifting Strand Jacks

Enerpac strand jacks are the strand jacks of choice for customers seeking precise synchronous control with heavy-lifting capacity in an economical, compact, and reliable foot print.

Enerpac strand jacks are powered by electrical or diesel driven hydraulic power packs and controlled by Enerpac's proprietary SCC-Smart Cylinder Control System to ensure full control of lifting and lowering operations.

Enerpac continually improves reliability, durability, and safety of their strand jacks, making them an industry standard for heavy lifting.

▼ Enerpac's SCC-Smart Cylinder Control System simplifies synchronous operation with intuitive controls and a user-friendly graphical interface.



Heavy Lifting Strand Jacks



Strand Jacks

A strand jack can be considered a linear winch. In a strand jack, a bundle of steel strands are guided through a main "lifting" jack.

Above and below the cylinder are anchor systems with wedges that grip the strand bundle simultaneously. Lifting and lowering a load is achieved by hydraulically controlling the main jack and both mini jacks alternately.

In the case of system pressure loss, the wedges are mechanically closed automatically, holding the suspended load in place.

Today, strand jacks are widely recognized as the most sophisticated heavy lifting solution. They are used all over the world to erect bridges, load out offshore structures, and lift/lower heavy loads where the use of conventional cranes is neither economical nor practical.

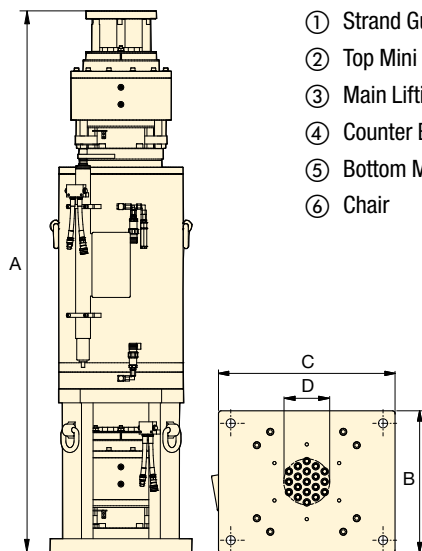
HSL Series



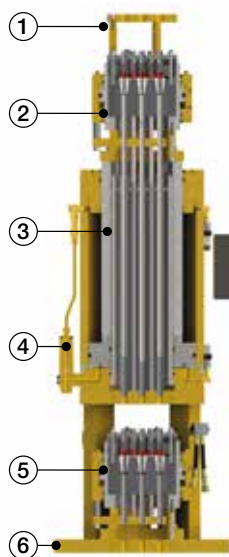
Capacity:
17 - 935 tons

Stroke:
10 - 18 inches

Maximum Operating Pressure:
2,000 - 5,000 psi



- ① Strand Guide
- ② Top Mini Jack
- ③ Main Lifting Jack
- ④ Counter Balance Valve
- ⑤ Bottom Mini Jack
- ⑥ Chair



▼ Strand Jack Accessories

Contact Enerpac for assistance at
enerpac.com/contact-us



SLPP-Series Hydraulic Power Packs

Enerpac offers a comprehensive range of hydraulic power packs that are optimized for use with their industry leading heavy lifting strand jacks.



SG-Series Strand Guides

Provides a guide for the strand as a strand jack lifts the load.



SR-Series Strand Recoilers

Passively pays in or pays out strands while jacking and lowering.



SD1 Strand Dispenser

Essential to safely unbundle a new strand coil.



Lifting Anchor

Each Strand Jack includes a lifting anchor for attaching strand to the load.

Strand Diameter inch (mm)	Capacity *	Model Number	Number of Strands	Stroke (in)	Working Pressure (psi)	Dimensions (in)				 (lbs)
						A	B	C	D	
0.62 (15.7)	77	HSL7006	7	18	3,000	75.4	14.2	22.6	3.7	1523
	220	HSL20006	19	18	3,400	78.4	20.6	25.6	6.7	3203
	550	HSL50006	48	18	5,000	87.3	28.9	28.9	11.1	7694
0.71 (18)	17	HSL1507	1	10	3,200	48.9	8.7	8.7	0.8	224
	50	HSL4507	3	18	2,000	75.4	14.2	22.6	3.7	1523
	110	HSL10007	7	18	3,000	75.8	16.1	24.6	4.5	2128
	935	HSL85007	55	18	5,000	94.6	35.4	35.4	14.3	11.648

* Capacity is based on 2.5 minimum safety factor over strand breaking load.