

▼ 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: 15,7 mm and 18 mm (0.62 and 0.71 inch)
- 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:

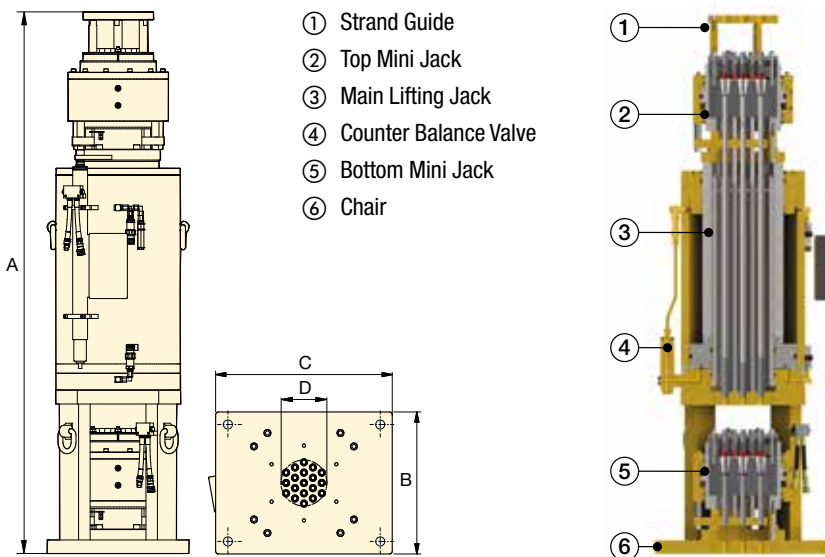
15 - 850 ton

Stroke:

250 - 480 mm

Maximum Operating Pressure:

135 - 350 bar



Strand Diameter mm (inch)	Capacity *	Model Number	Number of Strands	Stroke (mm)	Working Pressure (bar)	Dimensions (mm)				(kg)
	ton (kN)					A	B	C	D	
15,7 (.62)	70 (700)	HSL7006	7	480	205	1915	360	575	93	680
	200 (2000)	HSL20006	19	480	230	1992	522	650	169	1430
	500 (5000)	HSL50006	48	480	350	2218	733	733	282	3435
18 (.71)	15 (150)	HSL1507	1	250	218	1242	220	220	20	100
	45 (450)	HSL4507	3	480	135	1915	360	575	93	680
	100 (1000)	HSL10007	7	480	210	1926	408	625	114	950
	850 (8500)	HSL85007	55	480	350	2402	900	900	364	5200

* Capacity is based on 2,5 minimum safety factor over strand breaking load.

▼ 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.