

POST TENSIONING JACKS



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

Post Tensioning Jacks are designed to deliver accurate and controlled stressing forces for post-tensioning applications in civil engineering and construction projects.

These hydraulic jacks are used to apply tension to steel tendons embedded within concrete, significantly enhancing the structural strength, durability, and load-bearing performance of concrete structures.

Our range also includes essential post-tensioning equipment such as stressing pumps, strand pushers, seating jacks, and onion jacks, providing a complete solution for safe and efficient tendon stressing operations.

KEY FEATURES:

- Precision hydraulic stressing for post-tensioning applications
- High-strength, heavy-duty construction
- Accurate and controlled load application
- High-pressure hydraulic operation
- Compatible with stressing pumps and hydraulic power units
- Suitable for single-strand and multi-strand tendon systems
- Reliable performance in demanding environments
- Durable, low-maintenance design
- Designed for safe and efficient structural reinforcement

SPECIFICATIONS:

- **Equipment Type:** Hydraulic Post Tensioning Jack
- **Operation:** High-pressure hydraulic
- **Construction:** High-strength alloy steel
- **Stressing Capacity:** Model dependent
- **Hydraulic Compatibility:** Suitable with stressing pumps and hydraulic power units
- **Compatible Equipment:** Strand Pushers, Seating Jacks, Onion Jacks, and Hydraulic Pumps
- **Applications:** Post-tensioning, structural reinforcement, and prestressed concrete systems

ADVANTAGES:

- High lifting capacity
- Reliable hydraulic performance
- Compact design for confined spaces
- Excellent load stability
- Durable construction
- Easy integration with hydraulic systems
- Low maintenance requirements
- Suitable for continuous heavy-duty operation

APPLICATIONS:

- Bridge Construction & Rehabilitation
- Buildings & High-Rise Structures
- Prestressed Concrete Structures
- Civil & Infrastructure Projects
- Tunnels & Retaining Walls
- Industrial Foundations
- Marine & Offshore Structures
- Structural Strengthening & Rehabilitation



Call Us

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JACK CODE	TYPE	CAPACITY (KNS) SWL	LENGTH INCL. NOSE/TAIL (MM)	CYLINDER DIA (D1)	WEDGE SIZE (MM)	STROKE (MM)	MAX. PRESSURE (BAR)	ACCESSORIES
SJ-T10	S/R	98	330	76	12.7 & 15.2	63	700	Auto-nose lock off
SJ-T20	S/R	210	335	98	9 (wire), 12.7 & 15.2	50	700	Auto-nose lock off
SJ-T25	D/A	250	550	120	12.7 & 15.2	120 - 220	550	Auto-nose lock off, safety relief-valve
SJ-T25B	D/A	255	Varies	115	9 (wire), 12.7 & 15.2	150 - 485	700	Auto-nose lock off, safety relief-valve & hydraulic lock-off nose
SJ-T30	D/A	300	525	125	32	200	700	Auto-nose lock off, safety relief-valve & hydraulic lock-off nose
SJ-30TWIN	D/A	300	560	-	12.7 & 15.2	215	700	Hydraulic lock-off nose and twin loading cassette



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