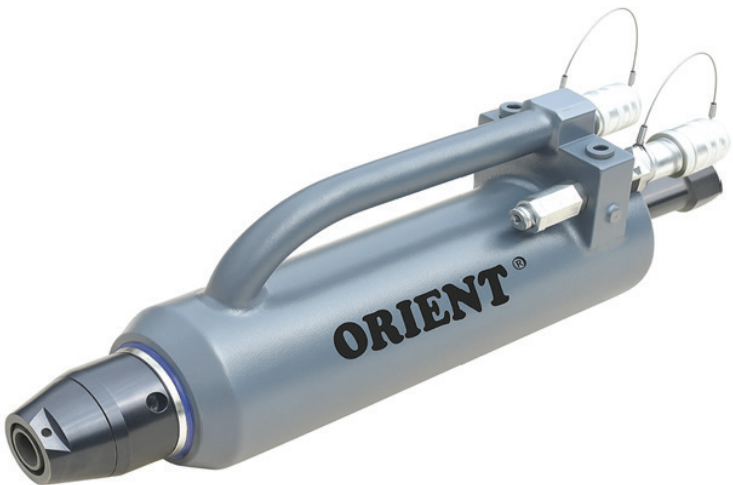
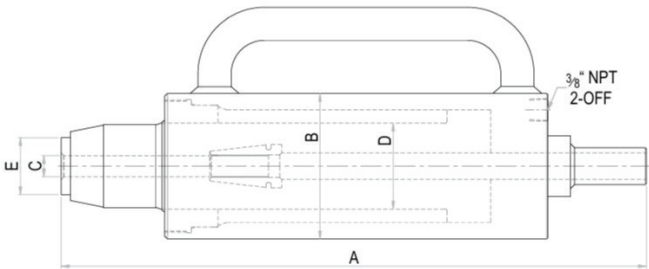


MONO STRAND STRESSING JACK – FRONT GRIPPING



STRAND COMPATIBILITY	Suitable for mono strands
TYPE	Double-acting , front-gripping
PRESSURE RATING	Up to 700 bar
CONSTRUCTION	Precision-machined, high-strength alloy steel for long service life in demanding civil construction environments
LOCKING SYSTEM	Wedge lock mechanism – Hydraulic Or Mechanical



FEATURES:

Double-acting hydraulic system ensures **powerful extension and positive retraction**, delivering faster stressing cycles and higher productivity

Front gripping collet assembly offers quick strand insertion and firm bite during stressing

Wedge lock securely holds the load automatically under pressure — prevents strand slip during stressing
Designed for **repeatable stressing accuracy** and low maintenance

Ergonomic handle design and compact body for safe, easy operation in tight working areas

APPLICATIONS:

Ideal for **post-tensioning systems** in bridges, metro viaducts, highways, flyovers, high-rise buildings, LNG tanks, precast yards, industrial structures, wind towers, and large infrastructure foundations — supporting **high-precision stressing with maximum safety and reliability**.

TECHNICAL SPECIFICATIONS

Model	Capacity	Lift (mm)	Strand Arrangement (inch)	Closed height (mech. wedge lock) (mm)	Closed height A (mm)	Cylinder OD B (mm)	C Hole (mm)	Ram D Dia (mm)	Nose E Dia (Mm)	Wt. (Approx) (Kg)
OSFG 25-200	25	200	511	545	545	110	21	65	45	20
OSFG 30-200	30	200	511	545	545	120	21	65	45	25

ESSENTIAL OPERATING GUIDELINES:

1. Use only a **700-bar rated hydraulic power pack and hoses** compatible with the jack.
2. Ensure **full strand insertion and proper wedge/collet seating** before pressurizing.
3. **Monitor stroke and pressure** and confirm **hydraulic or mechanical wedge lock activation** before releasing pressure.
4. Keep the **wedges, collets, and seals clean and well-maintained** for safe and consistent operation.

CYLINDERS AS PER CUSTOM SPECIFICATIONS AVAILABLE