Mono Strand Stressing Jacks - Front Gripping

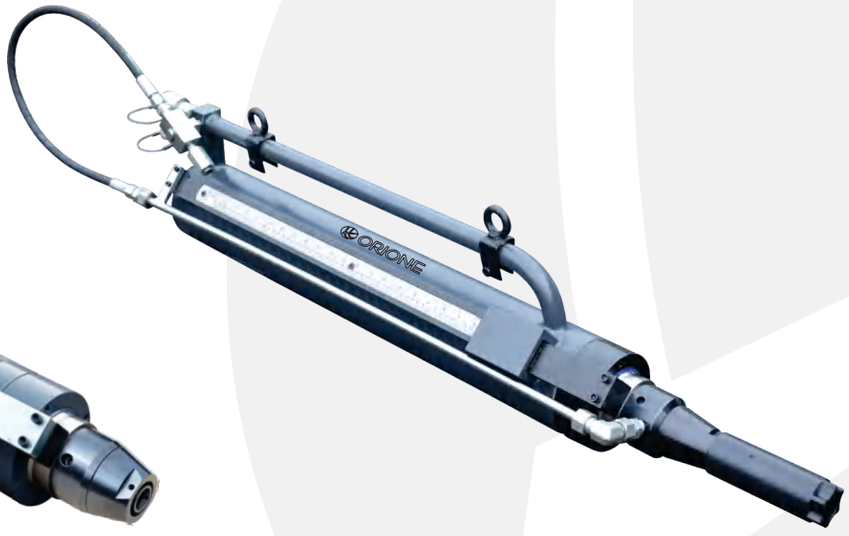
Capacity 10 - 30 ton | Stroke 150 - 600 mm | Max. Operating Pressure 700 kg/cm²







Mechanical Wedge Lock Arrangement with Anti Rotation



Hydraulic Wedge Lock Arrangement with Anti Rotation

Features / Applications

- Suited for pre-stressing strand sizes of 12.7 mm / 0.5" and 15.2 mm / 0.6" in small and large precast concrete elements
- Useful for removing slackness in long strands and stressing tendons, anchors & silos
- Safety Pressure Relief Valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return
- Anti-rotation is standard for 30 ton and optional for 25 ton



Extended Fixture for Confined Areas

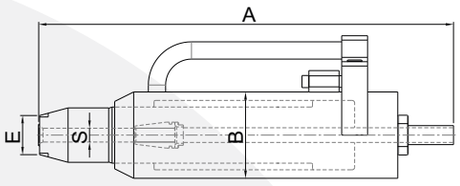
- **Equipment to be operated by trained personnel.**
- **Safe Practice! Use 80% of the rated Capacity and Stroke.**
- Customized solutions on request.
- Specifications are subject to change for continual improvement.

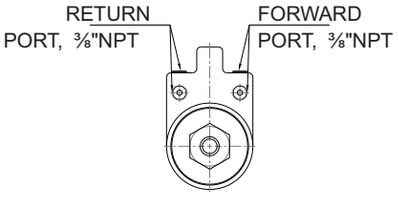
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Capacity 10 - 30 ton | Stroke 150 - 600 mm | Max. Operating Pressure 700 kg/cm²

Technical Dimensions





OSFG Series - O ORIONE S Single strand FG Front Gripping

Rated Capacity ton	Capacity @ 700 kg/cm² kN	Stroke mm	Model	Strand Size inch		Oil Capacity cm^3	Weight (Approx.) kg	A Closed Height with Mechanical Wedge Lock mm	B Cylinder OD mm	S C'hole Diameter mm	E Nose Diameter mm
10	100	150	**OSFG 10-150**	0.5	0.6	279	8.5	370	80	17	54
25	250	200	**OSFG 25-200**	0.5	0.6	677	20	513	105	21	45
30	300	600	**OSFG 30-600**	0.5	0.6	3016	66	910	125	21	45

OSFG Series - O ORIONE S Single strand FG Front Gripping H Hydraulic wedge locking

Rated Capacity ton	Capacity @ 700 kg/cm² kN	Stroke mm	Model	Strand Size inch		Oil Capacity cm^3	Weight (Approx.) kg	A Closed Height with Hydraulic Wedge Lock mm	B Cylinder OD mm	C C'hole Diameter mm	E Nose Diameter mm
30	300	600	**OSFG 30-600H**	0.5	0.6	3016	68	945	125	21	45

Power Pack Specification

Power Pack Model	Pump Stage	Motor HP / Phase	Filling Capacity liters	Pump flow l/min	Max. operating pressure kg/cm²	Weight (Approx.) kg	Operation
OPU002026-2W	Single	2 / Three	20	1	700	80	Hand Lever DCV
OPU003166	Single	3 / Three	15	1.5	700	61	Hand Lever DCV
OPU003008-4W	Single	3 / Three	40	1.5	700	115	Hand Lever DCV



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