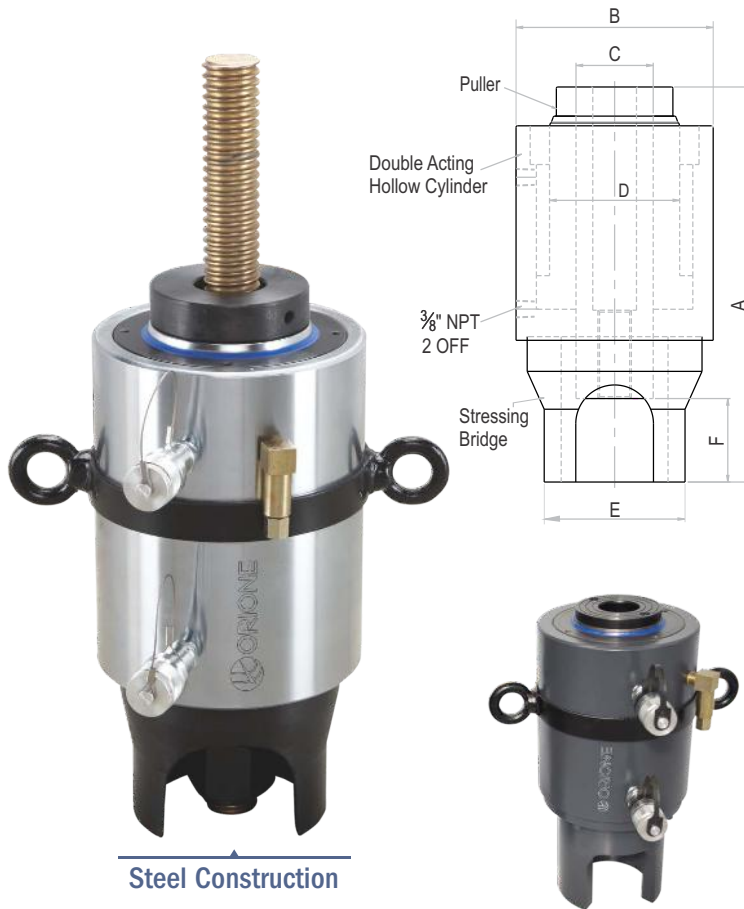


OBS

Bar Stressing Jacks



Capacity 80 - 400 ton | Stroke 100 mm



Steel Construction



Aluminium Construction



Features / Application

- Used with high tensile threaded bars for stressing, pulling & locking
- Short strokes for lifting / aligning of segments & temporary stressing
- Long strokes for pulling & locking multiple strands of concrete structure with tension bar attached to the pulling bracket
- Customised Alloy Aluminium Bar Jacks - 25, 40, 60, 150, 200 & 300 ton
- Designed to suit stressing bars of reputed makes of Macalloy, VSL, Freyssinet, Dextra, Tensacciai, Dywidag, Williams & others
- Safety Pressure Relief valve in return line

OBS Series - O Orione B Bar S Stressing 80 Capacity - ton 100 Stroke - mm

Capacity (ton)	Capacity (kN)	Stroke (mm)	Model	Max. bar dia. (mm)	Effective area (cm ²)	Oil cap. (cc)	A Closed height (mm)	B Cylinder OD (mm)	C C'hole dia. (mm)	D Ram dia. (mm)	E Stool dia. (mm)	F Puller height (mm)	Wt. (Approx.) (kg)
80	846	100	OBS 80-100	32	130.2	1302	427	205	80	130	160	76	70
120	1285	100	OBS 120-100	40	183.6	1840	530	230	81	140	180	100	97
180	1853	100	OBS 180-100	50	285.0	2850	486	280	91	160	200	91	151
400	4082	100	OBS 400-100	75	742.2	7422	690	400	100	250	390	-	433



Power Pack Specification

Power pack Model	Pump Stage	Motor (HP / Phase)	Filling capacity (liters)	Pump flow (l/min)	Max. working pressure (bar)	Weight (Approx.) (kg.)	Operation
OPU00308	Single	3 / Three	40	1.5	700	118	Manual (Rotary DCV)

- Higher capacity & customized solutions on request.
- Specifications are subject to change due to continual improvement.
- Capacity & Stroke specified are maximum safe limits. As safe practice, use at 80% of rating.