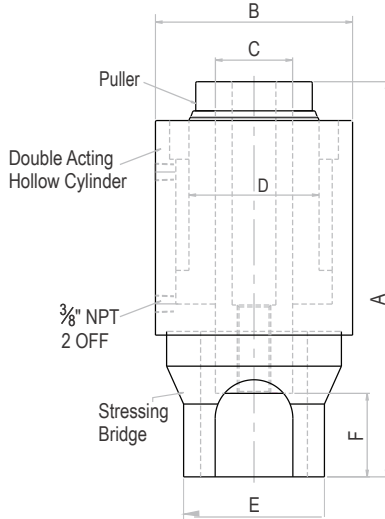


# OBS

## Bar Stressing Jacks

Capacity 80 - 400 tonne | Stroke 100 mm



Equipment For Construction



**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 - 60, 150, 160, 200 & 300 tonne
- Designed to suit stressing bars of reputed makes of Macalloy, VSL, Freyssinet, Dextra, Tensacciai, Dywidag, Williams & others
- Safety Pressure Relief valve in return line
- Split Threaded nut for quick install/removal

### OBS Series - Bar Stressing

Capacity (tonne)	Capacity (kN)	Stroke (mm)	Model	Max. bar dia. (mm)	Effective area (cm <sup>2</sup> )	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

- Please specify Bar Type Thread & Diameter along with Hexagon Nut Height and A/F
- Specify if Split Nut & Stressing Bridge is required
- Higher capacity & customised solutions on request. • Specific actions are subject to change due to continual improvement.
- Capacity & Stroke specified are maximum safe limits. As safe practice, use at 80% of rating.