

## Bar Stressing Jack

Capacity 80 - 400 ton | Stroke 100 mm

### 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.
- Customized Alloy Aluminum Bar Jacks - 60t, 150t, 160t, 200t & 300t.
- Designed to suit stressing bars of reputed makes of Macalloy, VSL, Freyssinet, Dextra, Tensacciai, Dywidag, Williams & others.
- Safety Pressure Relief valve in return line.



Steel Construction

PBS Series - P: Planet, B: Bar, S: Stressing, 80-400 ton Capacity - ton, 100 : Stroke-mm

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

- Higher capacity and customised solutions on request
- Specifications are subject to change due to continual improvement
- Capacity and stroke Specified are maximum safe limits. As safe practice, use at 80% of rating