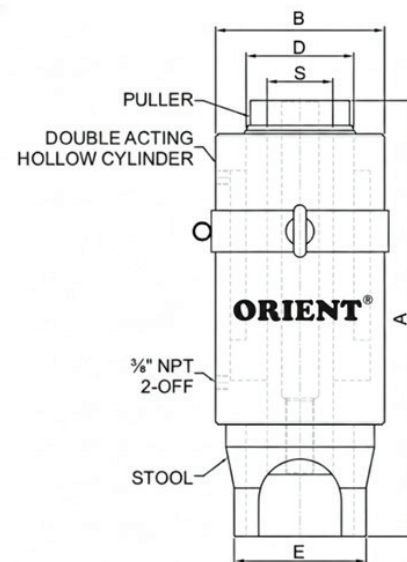


BAR STRESSING JACKS



CAPACITY	25 to 400 tons
TYPE	Double-acting, hollow hydraulic jack
STROKE	Available in a wide range of lengths
PRESSURE RATING	Up to 700 bar
DESIGN	Through-hole (hollow) construction for bar stressing applications
RAM TYPE	Hollow ram suitable for high-tensile bar passage and anchorage systems
CONSTRUCTION	High-strength alloy steel body with precision machining for long service life



FEATURES:

Double-acting operation provides positive extension and retraction for precise stressing control

Hollow ram design allows easy passage of stressing bars and tie rods

Designed for accurate force application and repeatable stressing results

Robust construction suitable for continuous use in demanding site conditions

Compatible with standard stressing pumps, hoses, and anchorage accessories

APPLICATIONS:

Ideal for bar post-tensioning systems in bridges, buildings, silos, foundations, precast elements, anchorage testing, and heavy civil infrastructure projects requiring controlled and precise bar stressing.

TECHNICAL SPECIFICATIONS

Model	Capacity (ton)	Stroke (mm)	Max Bar Dia (mm)	Closed height A (mm)	Cylinder OD B (mm)	S (C Hole Dia mm)	Ram Dia D (mm)	Stool E Dia (mm)	Wt. (Approx.) (kg)	Puller
OHBS 25-150	25	150	26.5	440	125	46	80	125	32	Yes
OHBS 40-100	40	100	26.5	436	160	67	100	140	48	Yes
OHBS 40-200	40	200	26.5	536	160	67	100	140	57	Yes
OHBS 60-100	60	100	32	421	180	67	110	140	57	Yes
OHBS 60-200	60	200	32	521	180	67	110	140	70	Yes
OHBS 80-100	80	100	36	427	205	80	130	160	70	Yes
OHBS 80-200	80	200	36	527	205	80	130	160	91	Yes
OHBS 100-100	100	100	40	452	215	81	130	160	89	Yes
OHBS 100-200	100	200	40	552	215	81	130	160	112	Yes
OHBS 120-100	120	100	40	445	235	81	140	180	93	Yes
OHBS 120-200	120	200	40	545	235	81	140	180	118	Yes
OHBS 150-100	150	100	50	486	275	91	160	200	148	Yes
OHBS 150-200	150	200	50	607	240	80	160	200	130	Yes
OHBS 200-100	200	100	50	540	285	110	180	220	167	Yes
OHBS 200-200	200	200	50	645	285	80	160	250	215	Yes
OHBS 300-500	300	500	75	1000	350	88	240	340	555	No
OBS 300-600	300	600	75	1100	350	88	240	340	590	No
OHBS 400-500	400	500	75	1090	400	100	250	390	770	No
OHBS 400-600	400	600	75	1190	400	100	250	390	834	No

ESSENTIAL OPERATING GUIDELINES:

1. Use only a **700-bar rated hydraulic power pack, hoses, and fittings** compatible with the jack capacity.
2. Ensure the **stressing bar is correctly aligned and centered** through the hollow ram before pressurizing.
3. **Monitor pressure, stroke, and elongation** continuously and operate strictly within the rated capacity.
4. Keep the ram bore, seals, and anchorage interfaces **clean, lubricated, and regularly inspected** for safe and accurate stressing.