



VENUS

VBS Series Bar Stressing Jacks



Capacity 25-400T Stroke 100-600mm.
Max Operating Pressure 700kg/cm²

Features / Application

- Used with high tensile threaded bars for stressing, pulling & locking to suit stressing bars of reputed makes like Macalloy, VSL, Freyssinet, Dextra, Tensacciai, Dywidag, Williams and others
- Short strokes for temporary stressing and aligning/Lifting of segments
- Long strokes for tensioning multiple strands of concrete structures / elements along with tensioning bars and pulling bracket
- Safety Pressure Relief Valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return

VBS - Series, V- Venus, B-Bar, S- Stressing

Capacity Ton	Stroke mm	Model	Max. Bar Diameter mm	Operating Pressure kg/cm ²	Oil Capacity cm ³	Weight (Approx.) kg	Closed Height mm	Cylinder OD mm	C'hole Diameter mm	Ram Diameter mm	Stool Diameter mm	Puller
25	150	VBS 25-150	26.5	456	822	32	440	125	46	80	125	Yes
40	100	VBS 40-100	26.5	552	725	48	436	160	67	100	140	Yes
40	200	VBS 40-200	26.5	552	1449	57	536	160	67	100	140	Yes
60	100	VBS 60-100	32	646	929	57	421	180	67	110	140	Yes
60	200	VBS 60-200	32	646	1858	70	521	180	67	110	140	Yes



Power Pack Specifications

Power Pack Model	Pump Stage	Motor HP/Phase	Filling Capacity liters	Pump flow l/min	Max. Operating Pressure kg/cm ²	Weight (Approx.) kg	Operation
VPU003008-4W	Sinlge	3/Three	40	1.5	700	115	Hand Lever DCV
VPU003085-4W	Sinlge	3/Three	50	1.5	700	132	Hand Lever DCV
VPU-5-100-HS	Sinlge	5/Three	100	2.6	700	160	Hand Lever DCV



VENUS

VBS Series Bar Stressing Jacks



Capacity 25-400T Stroke 100-600mm.
Max Operating Pressure 700kg/cm²

Features / Application

- Used with high tensile threaded bars for stressing, pulling & locking to suit stressing bars of reputed makes like Macalloy, VSL, Freyssinet, Dextra, Tensacciai, Dywidag, Williams and others
- Short strokes for temporary stressing and aligning/Lifting of segments
- Long strokes for tensioning multiple strands of concrete structures / elements along with tensioning bars and pulling bracket
- Safety Pressure Relief Valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return

VBS - Series, V- Venus, B-Bar, S- Stressing

Capacity Ton	Stroke mm	Model	Max. Bar Diameter mm	Operating Pressure kg/cm ²	Oil Capacity cm ³	Weight (Approx.) kg	Closed Height mm	Cylinder OD mm	C'hole Diameter mm	Ram Diameter mm	Stool Diameter mm	Puller
80	100	VBS 80-100	36	614	1302	70	427	205	80	130	160	Yes
80	200	VBS 80-200	36	614	2604	91	527	205	80	130	160	Yes
100	100	VBS 100-100	40	589	1697	89	452	215	81	130	160	Yes
100	200	VBS 100-200	40	589	3393	112	552	215	81	130	160	Yes
120	100	VBS 120-100	40	606	1979	93	445	235	81	140	180	Yes
120	200	VBS 120-200	40	606	3660	118	545	235	81	140	180	Yes
150	100	VBS 150-100	50	526	2851	148	486	275	91	160	200	Yes
150	200	VBS 150-200	50	617	4866	130	607	240	80	160	200	Yes
200	100	VBS 200-100	50	626	3197	167	540	285	110	180	220	Yes
200	200	VBS 200-200	50	626	6394	215	645	285	80	160	250	Yes
300	500	VBS 300-500	75	567	26460	555	1000	350	88	240	340	No
300	600	VBS 300-600	75	567	31752	590	1100	350	88	240	340	No
400	500	VBS 400-500	75	539	37110	770	1090	400	100	250	390	No
400	600	VBS 400-600	75	539	44532	834	1190	400	100	250	390	No