

"TENSA M" 3000 kN Stressing Jack

Basic unit

Basic unit without exchangeable interior parts or hydraulic quick coupling connections, but including suspension device, sleeve nut and standard accessories.



Technical Data

Order No.		76-066.00	76-043.00	76-029.00	76-044.00 ¹⁾
Max. permissible "stressing" pressure	bar	550 ³⁾			
"Stressing" stroke	mm	150	250	250	460
"Wedge-seating" stroke	mm	60	60	160	60
Oil volume	"stressing"	8.25	13.75	13.75	25.28
	"retraction"	6.36	10.60	10.60	19.50
	"wedge-seating"	0.85	0.85	2.23	0.85
Center hole	mm	150			
Piston speed at 7.4 ltr/min		v = 0.224 cm/s (stressing) v = 0.290 cm/s (retraction)			
Min. projecting strand length with stressing head extended by 100 mm	mm	700	800	900	1000
Weight of basic unit (without oil)	kg	230	265	275	365 ²⁾
Stressing jack suspension device		-	-	-	76-034.05

	Area (cm ²)	Nominal pressure (bar)	Theoretical force (kN)
Stressing piston	549.78	550	3024
Retracting piston	424.11	200	848
Wedge-seating piston	139.71	420	586
Wedge-seating piston return area	13.94	-	-

¹⁾ without suspension device

²⁾ incl. suspension device 76-034.05

³⁾ Max. pressure 600 bar! Provide safety valve on pump unit