

**TECHNICAL SPECIFICATION SHEET | Mast Jack | HTJ**

<b>In-mast Jacks (stainless steel)</b>									
model		HTJ15S15SS		HTJ25S15SS		HTJ35S15SS		HTJ50S15SS	
		mm	in	mm	in	mm	in	mm	in
art. nr;		160.042.008		160.042.005		160.042.028		160.042.007	
capacity	ton	15		25		35		50	
working pressure	MPa/bar PSI	72 / 10443 psi		72 / 10443 psi		72 / 10443 psi		72 / 10443 psi	
maximum force	kN/lbf	15,6	34.363	24,3	53.693	36,9	81.333	52,0	114.692
oil content	cc	319		498		754		1063	
effective piston area	mm <sup>2</sup> / in <sup>2</sup>	2124	2.5	2124	2.5	3318	5.1	3318	5.1
saddle diameter	Ø	45	1 6/8	45	1 6/8	65	2 4/8	61	2,40
stroke		150	5 7/8	150	5 7/8	150	5 7/8	150	5 7/8
length retracted		255	10	247	9 3/4	265	10 1/2	267	10 1/2
length extended		405	16	397	15 5/8	415	16 3/8	417	16 3/8
outside diameter		70	2 3/4	85	3 3/8	107	4 1/4	130	5 1/8
plunger diameter		45	1 4/8	45	1 3/4	65	2 3/8	65	2 3/8
weight		5.3	11.7	8.4	18.5	13.6	30.0	27.0	59.5
thread		M70*1,5 L = 34 mm		M85*2 L = 52 mm		M105*2 L = 35mm		M130*2 L = 42mm	

**In-mast jack system**

The stainless steel in-mast jacks are permanently mounted upside-down in the mast. A complete set includes a tilting saddle, a hand pump with mounted pressure gauge, a hydraulic hose and quick couplers.

