

TECHNICAL SPECIFICATION SHEET | Mast Jack | HTJ

In-mast Jacks (stainless steel)

model	HTJ15S15SS		HTJ25S15SS		HTJ35S15SS		HTJ50S15SS	
	mm	in	mm	in	mm	in	mm	in
art. nr;	160.042.040		160.042.038		160.042.036		160.042.037	
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		942		1385	
effective piston area	mm ² / in ² 2124 2.5		3318 2.5		5027 5.1		7088 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		21.9 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.

