

EMPH Engineering Solutions Grand Prix Mast Jack Range.

Crafted from aerospace-grade aluminum, these cylinders exemplify lightweight design and unparalleled durability. Our standard selection encompasses capacities ranging from 5 to 30 Tons. However, we also offer the flexibility to cater to individual requirements. Our adept team can manufacture custom-sized jacks, accommodating loads of up to 90 Tons, in direct response to customer needs.

Model No	Jack Type	Tons @ 350 bar	Tons @ 700 Bar	Stroke mm	Barrel Ø	Bore Ø	Rod Ø	Mtg: Body Thread Options	Collapsed Height*	Extended Height*	Port	Mass
IJ5/700/75	Internal - Aluminium	2.5 Tons	5 Tons	75 mm	45 mm	30 mm	26 mm	M47 x 1.5 or as reqd by client	183 mm	258 mm	1/4"- 18NPT	0.66 kg
IJ10/700/75	Internal - Aluminium	5.5 Tons	11 Tons	100 mm	62 mm	45 mm	38 mm	M64 x 1.5 or as reqd by client	230 mm	330 mm	1/4"- 18NPT	1.68 kg
IJ15/700/100	Internal - Aluminium	7.5 Tons	15 Tons	100 mm	74 mm	52 mm	44 mm	M76 x 1.5 or as reqd by client	243 mm	343 mm	3/8"- 18NPT	2.55 kg
IJ20/700/100	Internal - Aluminium	10 Tons	20 Tons	100 mm	86 mm	60 mm	50 mm	M90 x 3 or as reqd by client	264.5 mm	364.5 mm	3/8"- 18NPT	3.9 kg
IJ25/700/100	Internal - Aluminium	12.5 Tons	25 Tons	100 mm	94 mm	65 mm	56mm	M96 x 1.5 or as reqd by client	264.5 mm	364.5 mm	3/8"- 18NPT	4.65 kg
IJ30/700/100	Internal - Aluminium	15.5 Tons	31 Tons	100 mm	107 mm	75 mm	65 mm	M110 x 2 or as reqd by client	258.5 mm	358.5 mm	3/8"- 18NPT	5.74 kg
IJ30/700/150	Internal - Aluminium	15.5 Tons	31 Tons	150 mm	107 mm	75 mm	65 mm	M110 x 2 or as reqd by client	308.5 mm	318.5 mm	3/8"- 18NPT	6.84 kg

Notes:

Height* includes swivel shoe.

Port orientation, size and thread type can be changed to suit customer requirements.

Jack body mounting thread type and length can be changed to suit customer requirements.

Customer to check the length of body mounting thread required into the strength of the cylinder mounting material.

Strokes shown are standard. Custom strokes are available on request.

Standard Material is Hi-Strength Aluminium, hard coated to a dark bronze colour. Other materials are available on request.

All jacks are gravity return. Spring return available on request.