



MAST JACK CYLINDERS

Mast jack cylinders are used to pre-tension the rig. We design and produce stainless steel mast jack cylinders to be integrated in the mast base. They can be placed with the bottom on a base, or upside down.

The mast-jack cylinders are usually made of 17-4PH stainless steel and designed to work at 700 bar (10.000 PSI).

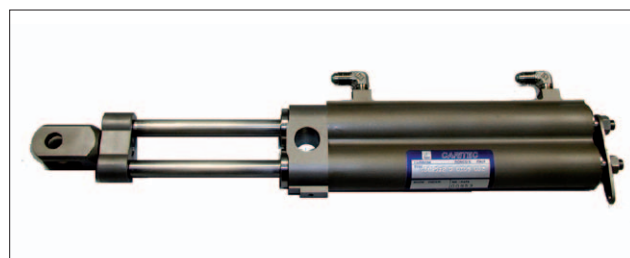
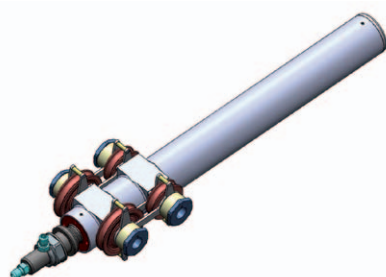
Lightweight mast jack cylinders are available for racing yachts. Custom models are available on request.



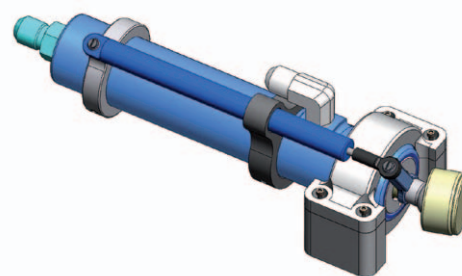
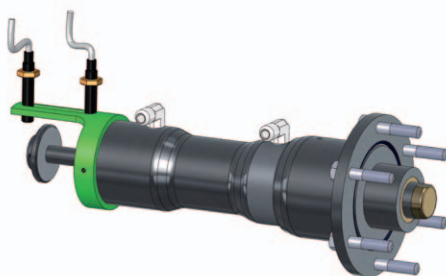
MODEL	Working load		Stroke		Outside Ø		Rod Ø		Bore		Working pressure		Notes
	kg	lb	mm	in	mm	in	mm	in	mm	in	bar	psi	
CL 060 S 0040	20000	44092	40	1.57	85	3.35	56	2.20	60	2.36	700	10.000	Aluminium. Weight: 4kg
CL 080 S 0125	35000	77161	125	4.92	100	3.95	60	2.36	80	3.15	700	10.000	17-4 PH steel
CL 100 S 0090	55000	121254	90	3.54	130	5.12	80	3.15	100	3.94	700	10.000	17-4 PH steel

CUSTOM HYDRAULIC CYLINDERS

We develop brand new cylinders made of any kind of material and size, to suit individual needs. Single or double acting telescopic hydraulic cylinders, oil dumpers, twin rod cylinders are part of Cariboni's know how.



*Titanium twin cylinder: n.2 double acting cylinder move together in a common tube.
Bore (each): 25mm Stroke: 190mm Working pressure: 700 bar
Extreme light weight and compact design.*



From left to right: stainless steel locking cylinder for a centerboard keel; titanium double acting cylinder with installed potentiometer sensor.