

# RCH-Series, Hollow Plunger Cylinders



▼ Shown from left to right: RCH-306, RCH-120, RCH-1003




- Hollow plunger design allows for both, pull and push forces
- Single-acting, spring return
- Nickel-plated, floating center tube on models over 20 ton increases product life
- Baked enamel finish for increased corrosion resistance
- Collar threads for easy fixturing
- RCH-120 includes AR-630 coupler and has 1/4" NPTF port
- RCH-121 and RCH-1211 have FZ-1630 reducer and AR-630 coupler, all other models feature CR-400 coupler.

▼ Hollowplunger cylinder RCH-1003 used in an application for intermediate boom suspension on a dragline.



## Versatility in Testing, Maintenance and Tensioning Applications




**Cylinder-Pump Sets**  
All cylinders marked with an \* are available as sets (cylinder, gauge, couplers, hose and pump) for your ordering convenience.

Page: 62



**Ultra-Lightweight Aluminium Cylinders**  
If you need a higher cylinder capacity-to-weight-ratio the lightweight RACH-Series are the perfect choice.

Page: 16



**Saddles**  
Most RCH-Series cylinders are equipped with smooth saddles. See table at next page for optional threaded saddles and all dimensional information.

Page: 27

Cylinder Capacity	Stroke	Model Number	Cyl. Effect. Area	Oil Cap.
ton (kN)	(mm)		(cm <sup>2</sup> )	(cm <sup>3</sup> )
13 (125)	8	RCH-120	17,9	14
	42	RCH-121*	17,9	75
	42	RCH-1211	17,9	75
	76	RCH-123	17,9	136
20 (215)	49	RCH-202*	30,7	150
	155	RCH-206	30,7	476
30 (326)	64	RCH-302*	46,6	298
	155	RCH-306	46,6	722
60 (576)	76	RCH-603*	82,3	626
	153	RCH-606	82,3	1259
95 (931)	76	RCH-1003*	133,0	1011

\* Available as set, see note on this page.