

YEL 'Single-acting with safety lock' CYLINDERS

Hydraulic cylinders with safety lock nut.

Single-acting, 30 to 1100 tonnes
Max. operating pressure: 700 bar

Hydraulic cylinders with safety lock nut are recommended when loads have to remain in the raised position over a period of time. The safety lock nut ensures a positive load hold in any position and work can be carried out beneath the lifted load. Hydraulic pressure can be released so that cylinders work like mechanical supports. Pumps can be separated from cylinders.



Model	Cylinder size tonnes	Oil vol. max. cm ³	Stroke mm	Closed height mm	Weight kgs	Price £
YEL 30/50	30	221	50	169	10.0	£399
YEL 30/100	30	442	100	219	13.0	£458
YEL 30/150	30	663	150	265	17.0	£490
YEL 50/50	50	355	50	185	19.0	£579
YEL 50/100	50	710	100	235	25.0	£672
YEL 50/150	50	1063	150	285	30.0	£730
YEL 93/50	93	663	50	200	37.0	£810
YEL 93/100	93	1327	100	250	46.0	£940
YEL 93/150	93	1989	150	300	57.0	£1180
YEL 140/50	140	1005	50	210	60.0	£1180
YEL 140/100	140	2010	100	260	74.0	£1322
YEL 140/150	140	3015	150	310	88.0	£1487
YEL 220/50	220	1570	50	245	117.0	£1690
YEL 220/100	220	3140	100	295	165.0	£2183
YEL 220/150	220	4710	150	345	189.0	£2640
YEL 340/50	340	2453	50	275	184.0	P.O.A.
YEL 340/100	340	4906	100	345	229.0	P.O.A.
YEL 340/150	340	7360	150	395	264.0	P.O.A.
YEL 430/50	430	3078	50	335	296.0	P.O.A.
YEL 430/100	430	6157	100	358	340.0	P.O.A.
YEL 430/150	430	9232	150	435	385.0	P.O.A.
YEL 560/50	560	4019	50	345	390.0	P.O.A.
YEL 560/100	560	8038	100	425	481.0	P.O.A.
YEL 560/150	560	12058	150	475	535.0	P.O.A.
YEL 670/50	670	4809	50	395	545.0	P.O.A.
YEL 670/100	670	9621	100	445	614.0	P.O.A.
YEL 670/150	670	14425	150	495	683.0	P.O.A.
YEL 880/50	880	6280	50	400	714.0	P.O.A.
YEL 880/100	880	12560	100	505	901.0	P.O.A.
YEL 880/150	880	18840	150	555	990.0	P.O.A.
YEL 1100/50	1100	7949	50	440	969.0	P.O.A.
YEL 1100/100	1100	15896	100	545	1201.0	P.O.A.
YEL 1100/150	1100	23845	150	595	1310.0	P.O.A.

AYS/H ACCESSORIES

Lifting claws

In connection with the corresponding hydraulic cylinder, a lifting claw represents a compact, lightweight, and versatile lifting unit.

Piston plates

Can be screwed into the piston thread of cylinders. They reduce the surface pressure and prevent the pistons from sinking into the ground.

Base adaptors

The use of extension tubes adds to the versatility of the standard cylinders.

Support plates

Used to spread the load, they protect the cylinders from falling over or sinking into the ground.

Clevis eye mountings

Screwed onto the piston and bottom of the hydraulic cylinder, in those cases where conditions require pivoting of the cylinder.



Model	Description	Suitable for	Weight kgs	Price £
AYS-10	Lifting claw, max 5t	YS10/....	0.9	£60
AYS-15	Lifting claw, max 8t	YS15/....	1.3	£75
AYS-23	Lifting claw, max 12t	YS23/....	3.8	£79
AYS-53	Base adaptor, 5t	YS5/....	0.5	£36
AYS-54	Ext. tube, 125mm, 5t	YS5/....	0.9	£28
AYS-55	Ext. tube, 250mm, 5t	YS5/....	1.5	£34
AYS-56	Ext. tube, 500mm, 5t	YS5/....	2.8	£36
AYS-103	Base adaptor, 10t	YS10/....	0.7	£35
AYS-104	Ext. tube, 125mm, 10t	YS10/....	1.2	£42
AYS-105	Ext. tube, 250mm, 10t	YS10/....	2.2	£45
AYS-106	Ext. tube, 500mm, 10t	YS10/....	3.9	£58
AYS-107	Ext. tube, 750mm, 10t	YS10/....	5.9	£65
AYS-153	Base adaptor, 15t	YS15/....	0.9	£43
AYS-154	Ext. tube, 125mm, 15t	YS15/....	1.6	£50
AYS-155	Ext. tube, 250mm, 15t	YS15/....	2.9	£55
AYS-156	Ext. tube, 500mm, 15t	YS15/....	4.9	£65
AYS-157	Ext. tube, 750mm, 15t	YS15/....	7.9	£80
AYS-102	Piston plate, round	YS10/....	1.5	£55
AYS-152	Piston plate, round	YS15/....	1.8	£58
AYS-232	Piston plate, round	YS23/....	2.2	£62
AYS-101	Support plate	YS10/....	10.5	£281
AYS-151	Support plate	YS15/....	10.5	£288
AYS-231	Support plate	YS23/....	10.5	£301
AYH - 5-1	Cylinder base	YH5/30	0.3	£44
AYH - 5-2	Piston	YH5/80	0.3	£37
		YH5/150		
AYH - 10-1	Cylinder base	YH10/30	0.6	£52
AYH - 10-2	Piston	YH10/80	0.6	£42
		YH10/150		
		YH10/250		
AYH - 20-1	Cylinder base	YH20/50	2.1	£82
AYH - 20-2	Piston	YH20/150	2.1	£72
		YH20/250		