

# Hydraulic Jacks & Tools Hydraulic cylinders, single-acting

## Technical data model YEL

Cylinder size	Model	EAN-No. 4025092*	Capacity max.	Lift	Effective plunger area	Oil volume max.	Closed height	Cylinder outside diameter	Weight
t			kN	mm	cm <sup>2</sup>	cm <sup>3</sup>	mm	mm	kg
30	YEL-30/50	*151894	300	50	44.2	221	169	100	10.5
30	YEL-30/100	*151900	300	100	44.2	442	219	100	13.5
30	YEL-30/150	*151917	300	150	44.2	663	269	100	17.5
30	YEL-30/200	-	300	200	44.2	885	319	100	19.5
30	YEL-30/300	*162074	300	300	44.2	1325	419	100	26.0
50	YEL-50/50	*151924	486	50	70.8	355	185	125	17.5
50	YEL-50/100	*151931	486	100	70.8	710	235	125	22.0
50	YEL-50/150	*151948	486	150	70.8	1063	285	125	30.0
50	YEL-50/200	-	486	200	70.8	1420	335	125	32.0
50	YEL-50/300	-	486	300	70.8	2130	435	125	41.0
100	YEL-93/50	*151955	931	50	133	663	200	180	40.0
100	YEL-93/100	*151962	931	100	133	1327	250	180	48.5
100	YEL-93/150	*151979	931	150	133	1989	300	180	58.5
100	YEL-93/200	*163637	931	200	133	2654	350	180	68.5
100	YEL-93/300	-	931	300	133	3980	450	180	83.5
140	YEL-140/50	*151986	1400	50	201	1005	211	215	60.0
140	YEL-140/100	*151993	1400	100	201	2010	259	215	72.5
140	YEL-140/150	*152006	1400	150	201	3015	309	215	88.0
140	YEL-140/200	*040327	1400	200	201	4020	359	215	102.0
140	YEL-140/300	-	1400	300	201	6030	459	215	130.0
220	YEL-220/50	*152013	2200	50	314	1570	245	265	105.0
220	YEL-220/100	*152020	2200	100	314	3140	295	265	148.0
220	YEL-220/150	*152037	2200	150	314	4710	395	265	189.0
220	YEL-220/250	*163545	2200	250	314	7850	445	265	213.0
340	YEL-340/50	*163965	3370	50	491	2453	275	330	183.0
340	YEL-340/100	*055536	3370	100	491	4906	345	330	229.0
340	YEL-340/150	*162418	3370	150	491	7360	395	330	263.0
340	YEL-340/250	-	3370	250	491	12300	495	330	329.0
430	YEL-430/50	*152051	4226	50	615	3078	335	380	296.0
430	YEL-430/100	*152068	4226	100	615	6157	385	380	340.0
430	YEL-430/150	*152075	4226	150	615	9232	435	380	385.0
430	YEL-430/250	-	4226	250	615	15400	535	380	473.0
560	YEL-560/50	-	5520	50	804	4019	375	430	390.0
560	YEL-560/100	-	5520	100	804	8038	425	430	481.0
560	YEL-560/150	*161350	5520	150	804	12058	475	430	537.0
560	YEL-560/250	-	5520	250	804	20100	575	430	650.0
670	YEL-670/50	-	6603	50	961	4809	395	475	545.0
670	YEL-670/100	-	6603	100	961	9621	445	475	614.0
670	YEL-670/150	-	6603	150	961	14425	495	475	683.0
670	YEL-670/250	-	6603	250	961	24100	595	475	821.0
880	YEL-880/50	-	8625	50	1256	6280	455	540	714.0
880	YEL-880/100	-	8625	100	1256	12560	505	540	901.0
880	YEL-880/150	-	8625	150	1256	18840	555	540	1008.0
880	YEL-880/250	-	8625	250	1256	31400	655	540	1170.0
1100	YEL-1100/50	-	10916	50	1590	7949	500	600	969.0
1100	YEL-1100/100	-	10916	100	1590	15896	550	600	1201.0
1100	YEL-1100/150	-	10916	150	1590	23845	600	600	1310.0
1100	YEL-1100/250	-	10916	250	1590	39741	700	600	1530.0

**Further piston strokes are quoted on request.**