

Mechanical tools



Mechanical jacks ↓

model	JJ 1015	JJ 1513	JJ 2513	JJ 3513	JJ 5013	JJ 10011
art no	200.401.001	200.401.011	200.401.021	200.401.031	200.401.041	200.401.051
tonnage t	10	15	25	35	50	100
closed height mm	280	255	255	280	290	310
stroke length mm	150	125	125	130	130	105
base Ø mm	108	113	127	147	166	235
capacity kN/t	98.1 / 10	147.2 / 15	245.3 / 25	343.4 / 35	490.5 / 50	981.0 / 100
handle bar Ø x length mm	25 x 600	25 x 710	25 x 900	32 x 1000	32 x 1200	32 x 1500
weight kg	12	12	16	24	31	72
maintenance set art no	200.403.001	200.403.001	200.403.201	200.403.301	200.403.301	200.403.501

Specifications / important properties ↓

- safe
 - self-locking
- usable in all positions
- robust
 - resistant to continuous heavy operating conditions
- can be used close to welding works
- can be used under water
- low maintenance



JJ 1513



JJ 2513

Mechanical pulling jack		
model		PL 2510
art no		200.421.001
tonnage	t	25
length retracted plunger	mm	775
stroke length	mm	100
capacity	kN/t	245.3 / 25
handle bar Ø x length	mm	25 x 700
weight	kg	32

Specifications / important properties

- safe
 - self-locking
- usable in all positions
- robust
 - resistant to sustained heavy operating conditions
- for use at places where welding takes place
- suitable for use under water
- low maintenance



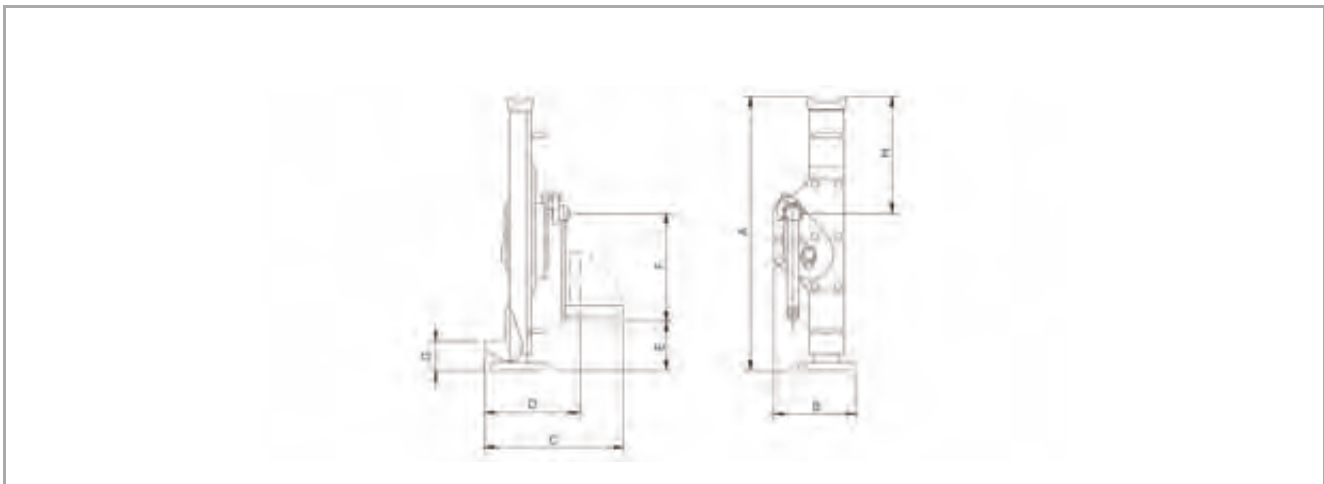
PL 2510

Rack jacks - standard construction height ↓

model	1500 LA	1500 LB	3000 LA	3000 LB	5000 LA	5000 LB	10000 LA	10000 LB
art no	210.301.015	210.301.115	210.301.030	210.301.130	210.301.050	210.301.150	210.301.100	210.301.200
capacity	kN/t 14.7 / 1.5	14.7 / 1.5	29.4 / 3	29.4 / 3	49 / 5	49 / 5	98 / 10	98 / 10
lifting height	mm 350	350	350	350	350	350	300	300
weight	kg 13	13	20	20	27	27	42	42

Rack jacks - standard construction height (dimensions) ↓

model	1500 LA	1500 LB	3000 LA	3000 LB	5000 LA	5000 LB	10000 LA	10000 LB
A	mm 725	725	725	725	725	725	800	800
B	mm 140	140	190	190	210	210	255	255
C	mm 290	290	310	310	330	330	475	475
D	mm 190	190	210	210	230	230	275	275
E	mm 100	100	100	100	100	100	100	100
F	mm 265	265	265	265	265	265	320	320
G	mm 65	65	70	70	75	75	80	80



Specifications / important properties ↓

- LA-series: model with safety crank and snap handle
- LB-series: model with ratchet safety crank and snap handle
- robust
 - resistant to continuous heavy operating conditions
- usable everywhere
- lifting points on head and hook
- usable in all positions
- folding rotating grip
- low maintenance



1500 LA/LB



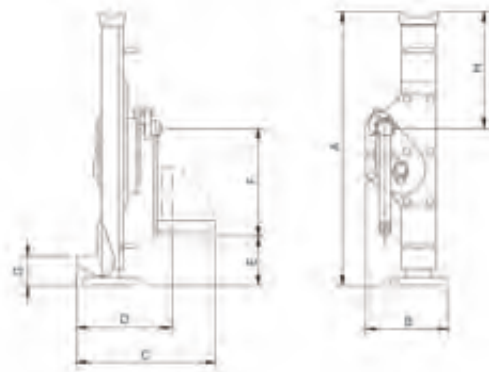
Rack jack detail

Rack jacks - reduced construction height ↓

model	1500 KA	1500 KB	3000 KA	3000 KB	5000 KA	5000 KB	10000 KA	10000 KB
art no	210.301.215	210.301.315	210.301.230	210.301.330	210.301.250	210.301.350	210.301.300	210.301.400
capacity kN/t	14.7 / 1.5	14.7 / 1.5	29.4 / 3	29.4 / 3	49 / 5	49 / 5	98 / 10	98 / 10
lifting height mm	250	250	275	275	300	300	300	300
weight kg	11	11	18	18	24	24	38	38

Rack jacks - reduced construction height (dimensions) ↓

model	1500 KA	3000 KA	5000 KA	10000 KA	1500 KB	3000 KB	5000 KB	10000 KB
A mm	565	607	612	655	565	607	612	655
B mm	147	192	208	245	147	192	208	245
C mm	292	335	360	545	292	335	360	545
D mm	200	240	260	300	200	240	260	300
E mm	72	76	96	90	72	76	96	90
F mm	212	250	248	305	212	250	248	305
G mm	84	80	72	95	84	80	72	95



Specifications / important properties ↓

- LA-series: model with safety crank and snap handle
- LB-series: model with ratchet safety crank and snap handle
- robust
 - resistant to continuous heavy operating conditions
- usable everywhere
- lifting point on head and hook
- usable in all positions
- folding rotating grip
- low maintenance



1500 KA/KB



Rack jack detail

Schip wedges



model		W 50	W 80
art no		500.501.050	500.501.080
static load capacity	kN/t	490.5 / 50	784.8 / 80
max. height	mm	225	340
min. height	mm	190	275
dimensions	mm	245 x 255	320 x 345
weight	kg	29	64,5

Specifications / important properties



- unloads in one go with maximum load
- robust
 - resistant to continuous heavy operating conditions
- can be used close to welding works
- low maintenance



W 50

Launching a ship sideways in an extremely controlled way is possible with the help of Holmatro's custom-made hydraulic cylinder sets. One set consists of a cylinder with an electric quick relief valve, a hand pump with a pressure gauge and a 5 m hose, and a 5 l tank with a large diameter connecting hose. 4, 6, 8 or more of these sets are required for launching, dependent on the conditions and the dimensions of the ship.

The procedure

Before launching the ship, all supporting materials, such as ship wedges, are taken away. The ship then rests only on a few 'carriages' fixed between two supporting points using pumped-out cylinders. Each cylinder has been connected to a tank by means of a large diameter hose. The system is kept under pressure by keeping the quick relief valves on the cylinders closed.

The launch is started by opening all relief valves at the same time from a safe distance. The hydraulic oil then flows from the cylinders into the tanks. The ship starts moving at this moment. While the cylinder plungers return by the weight and fall over within a few seconds, the ship evenly slides safely into the water.

Specifications / important properties



- operating pressure 720 bar (72 Mpa)
- capacity in conformity with customer specifications
- stroke length in conformity with customer specifications
- other pump types available apart from hand pump
- each cylinder is equipped with an electric valve



Ship launching set

Steel wire pullers



model	S 7	S 15	S 35
art no	410.999.004	410.301.013	410.301.035
capacity lifting kN/t	7.3 / 0.75	14.7 / 1.5	29.4 / 3
capacity pulling kN/t	12.2 / 1.2	24.5 / 2.5	49 / 5
dimensions mm	500 x 250 x 100	620 x 300 x 150	720 x 320 x 140
weight excl. steel wire kg	8	17	27
steel wire with hook art no	410.999.006	410.381.013	410.381.035
steel wire Ø mm	9	11.6	16
steel wire length m	20	20	20
breaking load steel wire kg	4800	7700	15300
shear pin art no	410.303.247 (2x)	410.303.050 (3x)	410.303.150 (1x)

Specifications / important properties



- safe
 - break pin
- compact and lightweight
- easy operation
- telescopic lever

Available on request



- longer steel thread with safety hook



S 35 + 20 meter steel thread

Ratched lever hoists including chain


model	LA 0.75 U	LA 1.5 U	LA 3 U	LA 6 U
art no	410.601.000	410.601.001	410.601.002	410.601.003
capacity kN/t	7.4 / 0.75	14.7 / 1.5	29.4 / 3	58.8 / 6
standard lifting height m	1.5	1.5	1.5	1.5
standard length of load chain m	1.7	1.75	1.8	3.6
load chain link mm	6.3 x 19	7.1 x 21	10 x 30	10 x 30
load chain art no	490.501.011	490.501.032	490.501.111	490.501.111
min. distance between the hooks mm	300	375	450	625
length of operating handle mm	300	300	400	400
pulling force on the handle at full load kg	14	16	21	23
weight kg	6.5	10	18	32

Ratched lever hoists excluding chain


model	LA 0.75	LA 1.5	LA 3	LA 6
art no	410.611.000	410.611.001	410.611.002	410.611.003
capacity kN/t	7.4 / 0.75	14.7 / 1.5	29.4 / 3	58.8 / 6
load chain link mm	6.3 x 19	7.1 x 21	10 x 30	10 x 30
load chain art no	490.501.011	490.501.032	490.501.111	490.501.111
min. distance between the hooks mm	300	375	450	625
length of operating handle mm	300	300	400	400
pulling force on the handle at full load kg	14	16	21	23
weight kg	6.5	10	18	32

Specifications / important properties


- closed hoist housing
 - protected against dirt and dust
- strong and wear-resistant
 - light metal housing with cast-in steel chain guide
- compact and lightweight
- needle bearings for smooth operation and a long life
- two safety hooks
- complies with all known safety requirements

Available on request


- longer load chain



LA 3 U

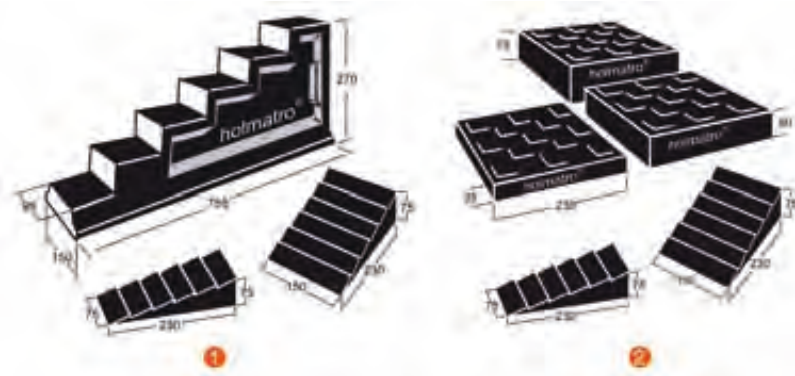


Chocks and blocks



discription	step chock	lock block (low)	lock block (medium)	lock block (high)	wedge (small)	wedge (large)
art no	150.563.060	150.563.061	150.563.071	150.563.073	150.563.049	150.563.050
weight kg	7	1	2	3	0.5	1
set A, art no 150.562.010	2x	-	-	-	2x	2x
set B, art no 150.562.004	-	2x	2x	2x	2x	2x

(1) Chocks and blocks set A (2) Chocks and blocks set B



Specifications / important properties



- environment-friendly
 - recycled polyethylene and 100% reusable
- longer life than hardwood, does not splinter
- made in one piece, practically indestructible
- lightweight, floats on water
- non-absorbing
 - water and oil repellent
- stackable
- anti-skid because of unique profile
- flexible under pressure, extra grip
- high allowed area pressure: 100 kg/cm² in all directions
- temperature range loaded: -20°C to +50°C



Chocks and blocks set A



Chocks and blocks set B