



RotoLift[®]

3 AXIS WELDING POSITIONERS

ROTOLIFT is a **3 Axis Hydraulic Positioner** and handler specifically designed for assembling and welding operations. Thanks to its functional features, the machine considerably reduces the handling of the workpiece and therefore the use of traditional lifting systems.

ROTOLIFT is an ergonomic machine featuring great flexibility. Its innovative feature is the possibility not only to tilt and rotate the workpiece, but also to lift and lower it.

ADVANTAGES

- Reduction of weldments handling time
- Minor use of traditional lifting equipment
- Safer and more ergonomic working environment
- Lifting, tilting and rotation of a weldment on a single machine
- Improvement of welding quality
- Fast return on investment (ROI)
- Simplified welding procedure specifications (WPS)
- 3 axis: elevation, rotation, tilting
- Patented design

2 VERSIONS

HYDRAULIC: hydraulic lifting, tilting and rotation
ELECTRIC: hydraulic lifting and tilting Electric rotation with VFD for speed control

- Rotary ground from 600 to 1500 Amp.
- Foot pedal control for L/R rotation
- Customized rotary table
- Tilting up to 140°
- TCS programmable control for automatic positioning through 7" touch screen.
- Increased rotation torque
- Customized color
- Detachable hydraulic power unit and electric board

ACCESSORIES

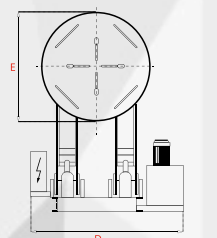
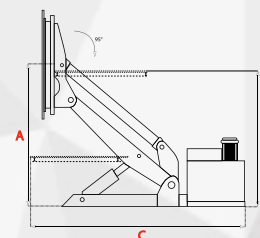
TYP	CAPACITY (kg)
RL 1250	1250
RL 2000	2000
RL 3000	3000
RL 4500	4500
RL 6500	6500
RL 11000	11000
RL 13000	13000

TECHNICAL FEATURES

MODELS	MAX. CAPACITY Kg	MAX. TABLE TILTING °	TILT TORQUE Nm	ROTATION TORQUE Nm	ROTATION TIME		HEIGHT WITH VERTICAL TABLE A		HEIGHT WITH HORIZ. TABLE B		LENGTH OVERALL C mm	WIDTH OVERALL DIMENSION D mm	TABLE DIMENSION E mm	MACHINE WEIGHT kg
					Oleo rpm	Eleff. rpm	Min mm	Max mm	Min mm	Max mm				
RL 1250	1250	95	4900	490	2	2	540	1120	700	1280	1760	1630	Ø 800	757
RL 2000	2000	95 140*	7850	1570	1.7	2	550	1300	650	1400	1850	1660	Ø 800	930
RL 3000	3000	95 140*	11750	2350	1.5	2	740	1590	720	1570	2400	1825	1100 X 1100	1477
RL 4500	4500	95 140*	21200	5300	-	1.5	830	2080	880	2130	2590	2270	1500 X 1500	2500
RL 6500	6500	95	31900	7500	-	1.5	910	2380	950	2420	3600	2410	1500 X 1500	3424
RL 8500	8500	95	41700	8000	-	1	980	2740	1180	2840	4450	2480	1500 X 1500	4360
RL 11000	11000	95	53950	10700	-	1	1100	2900	1300	3200	4900	2500	1800 X 1800	5100
RL 13000	13000	95	63750	15600	-	1	970	2710	1260	3000	4500	2500	1800 X 1800	5480
RL 18000	18000	95	88290	17651	-	1	1070	2770	1300	3000	4875	2800	1800 X 1800	6500

* Optional

The data are indicative and subject to change without notice



ALLOWED LOADS

RL 1250	w - Kg x - mm y - mm	1250 400 40	1000 490 50	800 600 60	600 790 80	400 1160 120											
RL 2000	w - Kg x - mm y - mm	2000 400 80	1700 460 90	1400 550 100	1100 700 120	800 950 160	600 1260 210	400 1800 300									
RL 3000	w - Kg x - mm y - mm	3000 400 80	2500 530 100	2100 640 120	1700 820 160	1300 1150 230	900 2000 420	500 3300 670	300 3900 790								
RL 4500	w - Kg x - mm y - mm	4500 480 120	3900 540 140	3300 620 160	2700 740 190	2100 950 240	1500 1280 330	1200 1600 410	900 2100 540	600 3100 790	300 6100 1500						
RL 6500	w - Kg x - mm y - mm	6500 500 120	5700 560 140	4900 640 160	4100 750 180	3300 920 220	2500 1200 290	2100 1400 340	1700 1700 420	1300 2200 550	900 3100 630	500 5580 730					
RL 8500	w - Kg x - mm y - mm	8500 500 95	7500 560 110	6500 640 130	5500 750 150	4500 910 190	3500 1140 240	3000 1300 280	2500 1550 340	2000 1930 400	1500 2550 550	1000 3750 820					
RL 11000	w - Kg x - mm y - mm	11000 500 90	9800 550 110	8250 650 130	7130 750 150	5850 900 200	4550 1150 250	3950 1300 290	3150 1550 350	2500 1950 440	1800 2600 590	1210 3700 840	900 4900 900				
RL 13000	w - Kg x - mm y - mm	13000 500 120	11000 585 140	9000 710 165	7500 840 190	6000 1000 230	4500 1300 300	3500 1650 375	3000 1900 430	2500 2250 500	1800 3100 685	1200 4600 1000					
RL 18000	w - Kg x - mm y - mm	18000 500 100	15000 585 110	12000 650 130	10500 750 150	7850 900 180	6350 1150 240	5100 1300 270	9800 1550 340	2700 1950 440	1200 2600 610	700 3700 900					

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