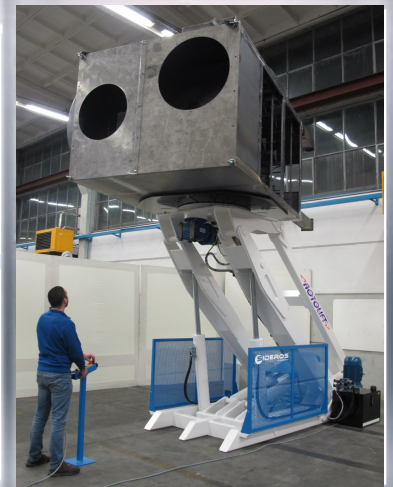


Since 1981
 A World of New Positioning Solutions



ROTOLIFT[®]

Three-axis welding and handling positioner ELEVATION - TILTING - ROTATION - ERGONOMIC - SAFE - FAST

ROTOLIFT is a hydraulic welding and handling positioner specifically designed to facilitate welding and assembling operations.

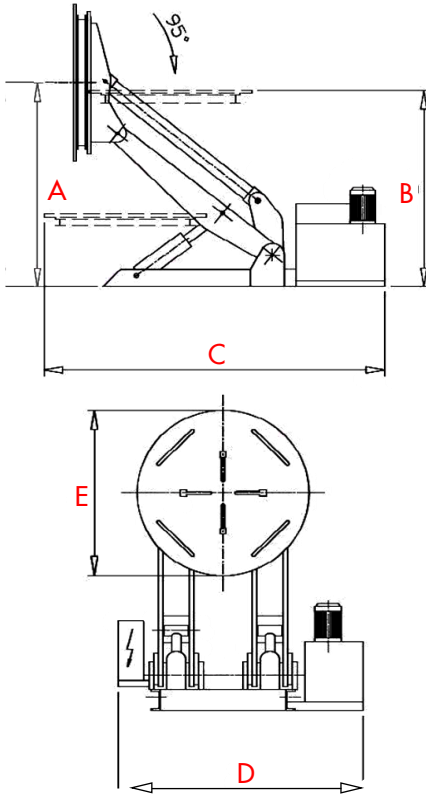
The ROTOLIFT's main features are:

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

MODEL	LOAD CAPACITY (lb)
RL 1250	2,750
RL 2000	4,400
RL 3000	6,600
RL 4500	10,000
RL 6500	14,500
RL 8500	19,000
RL 11000	24,500
RL 13000	29,000
RL 18000	40,150

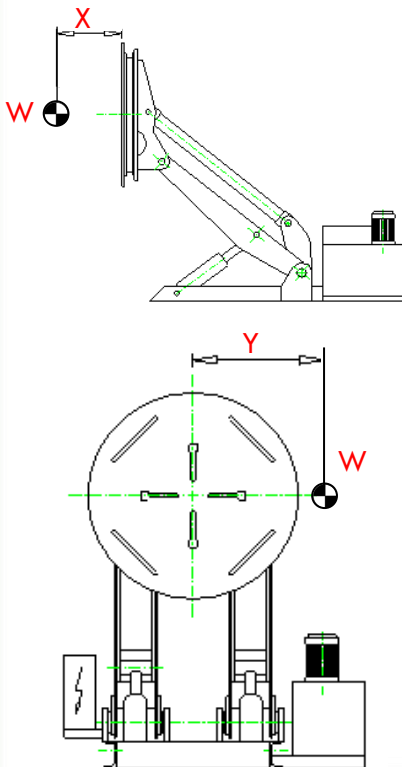
HYDRAULIC MODEL:	Hydraulic lifting, tilting and rotation.
ELECTRIC MODEL:	<ul style="list-style-type: none"> • Hydraulic lifting and tilting, electrical rotation (inverter driven). • The ELECTRIC versions are also available with increased tilting up to 140°.
OPTIONAL:	<ul style="list-style-type: none"> • Rotary ground connector • Foot-operated rotation control • Teach control system • Increased rotation torque
OVERSIZED POSITIONERS:	Models available up to 220,000 lb

Technical Data



	Max. capacity	Max. table tilting	Tilt torque	Rotation torque	Rotation time		Height with Vertical table		Height With Horizontal table		Length overall dimension	Width overall dimension	Table dimension	Machine weight
	lb		Nm	Nm	Oleoh rpm	Elect rpm	Min ft	Max ft	Min ft	Max ft	C ft	D ft	E ft	lb
RL 1250	2,750	95°	4900	490	2	2	1.8	3.7	2.3	4.2	5.8	5.3	Ø 2.6	1,670
RL 2000	4,410	95° 140° *	7850	1250	1.7	2	1.8	4.3	2.1	4.6	6.1	5.4	Ø 2.6	2,050
RL 3000	6,610	95° 140° *	11750	1960	1.5	2	2.4	5.3	2.4	5.1	8.4	6.0	3.6 X 3.6	3,260
RL 4500	9,920	90° 140° *	21200	5300	-	1.5	2.7	6.8	2.8	6.9	8.5	7.4	4.9 X 4.9	6,640
RL 6500	14,330	90° 140° *	31900	7650	-	1.5	2.9	7.8	3.1	7.9	11.8	7.9	4.9 X 4.9	7,550
RL 8500	18,730	90° 140° *	41700	8100	-	1	3.2	9.0	3.9	9.6	14.6	8.1	4.9 X 4.9	9,610
RL 11000	24,240	90° 140° *	53950	10790	-	1	3.6	9.5	4.3	10.3	16.1	7.8	4.9 X 4.9	11,240
RL 13000	28,660	90° 140° *	63750	15600	-	1	3.2	8.9	4.1	9.7	14.8	8.2	4.9 X 4.9	12,080
RL 18000	39,680	90° 140° *	88290	17651	-	1	3.5	9.1	4.3	9.8	16	9.2	4.9 X 4.9	14,330

Load Capacities



RL 1250	W - lbs	2,750	2,200	1,760	1,320	880									
	X - in	15.7	19.3	23.6	31.1	45.7									
	Y - in	1.6	2.0	2.4	3.1	4.7									
RL 2000	W - lbs	4,410	3,750	3,090	2,430	1,760	1,320	880							
	X - in	15.7	18.1	21.7	27.6	37.4	49.6	70.9							
	Y - in	3.1	3.5	3.9	4.7	6.3	8.3	11.8							
RL 3000	W - lbs	6,610	5,510	4,630	3,750	2,870	1,980	1,100	660						
	X - in	15.7	20.9	25.2	32.3	45.3	78.7	129.9	153.5						
	Y - in	3.1	3.9	4.7	6.3	9.1	16.5	26.4	31.1						
RL 4500	W - lbs	9,920	8,600	7,270	5,950	4,630	3,310	2,640	1,980	1,320	660				
	X - in	18.9	21.3	24.4	29.1	37.4	50.4	63.0	82.7	122.0	240.2				
	Y - in	4.7	5.5	6.3	7.5	9.4	13.0	16.1	21.3	31.10	59.0				
RL 6500	W - lbs	14,330	12,560	10,800	9,040	7,270	5,510	4,630	3,740	2,870	1,980	1,100			
	X - in	19.7	22.0	25.2	29.5	36.2	47.3	55.1	66.9	86.6	122.0	219.7			
	Y - in	4.7	5.5	6.3	7.1	8.7	11.4	13.4	16.5	21.6	24.8	28.7			
RL 8500	W - lbs	18,730	16,530	14,330	12,120	9,920	7,710	6,610	5,510	4,410	3,310	2,200			
	X - in	19.7	22.0	25.2	29.5	25.8	44.9	51.2	61.0	76.0	100.4	147.6			
	Y - in	3.7	4.3	5.1	5.9	7.5	9.4	11.0	13.4	15.7	21.6	32.3			
RL 11000	W - lbs	24,240	21,600	18,180	15,710	12,890	10,030	8,710	6,940	5,510	3,970	2,670	1,980		
	X - in	19.7	21.6	25.6	29.5	35.4	45.3	51.2	61.0	76.8	102.4	145.7	192.9		
	Y - in	3.5	4.3	5.1	5.9	7.9	9.8	11.4	13.8	17.3	23.2	33.1	35.4		
RL 13000	W - lbs	28,660	24,250	19,842	16,539	13,227	9,920	7,716	6,613	5,511	3,968	2,645			
	X - in	19.7	23	27.9	33.1	39.4	51.2	64.9	74.8	88.6	122	181.1			
	Y - in	4.7	5.5	6.5	7.5	9	11.8	14.7	16.9	19.6	26.9	39.3			
RL 18000	W - lbs	39,680	33,070	26,460	23,150	17,310	13,400	11,240	8,380	5,950	2,650	1,540			
	X - in	19.7	23.0	25.6	29.5	35.4	45.3	51.2	61.0	76.8	102.4	145.7			
	Y - in	3.9	4.3	5.1	5.9	7.1	9.4	10.6	13.4	17.3	24.0	35.4			

LEGEND: **W**= Max load capacity in kg **X**= frontal loading center **Y**= side loading center * = optional

- ✓ All data refers to the max rotation speed of the plate.
- ✓ The chart reports capacities and distances with loading in the center.
- ✓ RL 8500, RL 11000 and RL 13000 are only available in electric version.
- ✓ Oversized models up to 220,500 lb capacity are available on customer demand.
- ✓ The data are only indications and they can be changed without prior notice.