

Rotolift is a hydraulic positioner and handler used for welding and assembly operations. For its functional characteristics, the machine reduces considerably the workpiece handling and, consequently, the use of traditional lifting machines.

Rotolift improves the performance and efficiency of the personnel, even not very skilled one.

The machine reduces the production costs of the 60% with a consequent production increase.

The workpiece is securely fixed on the horizontal rotary table and handled according to the operator's needs.

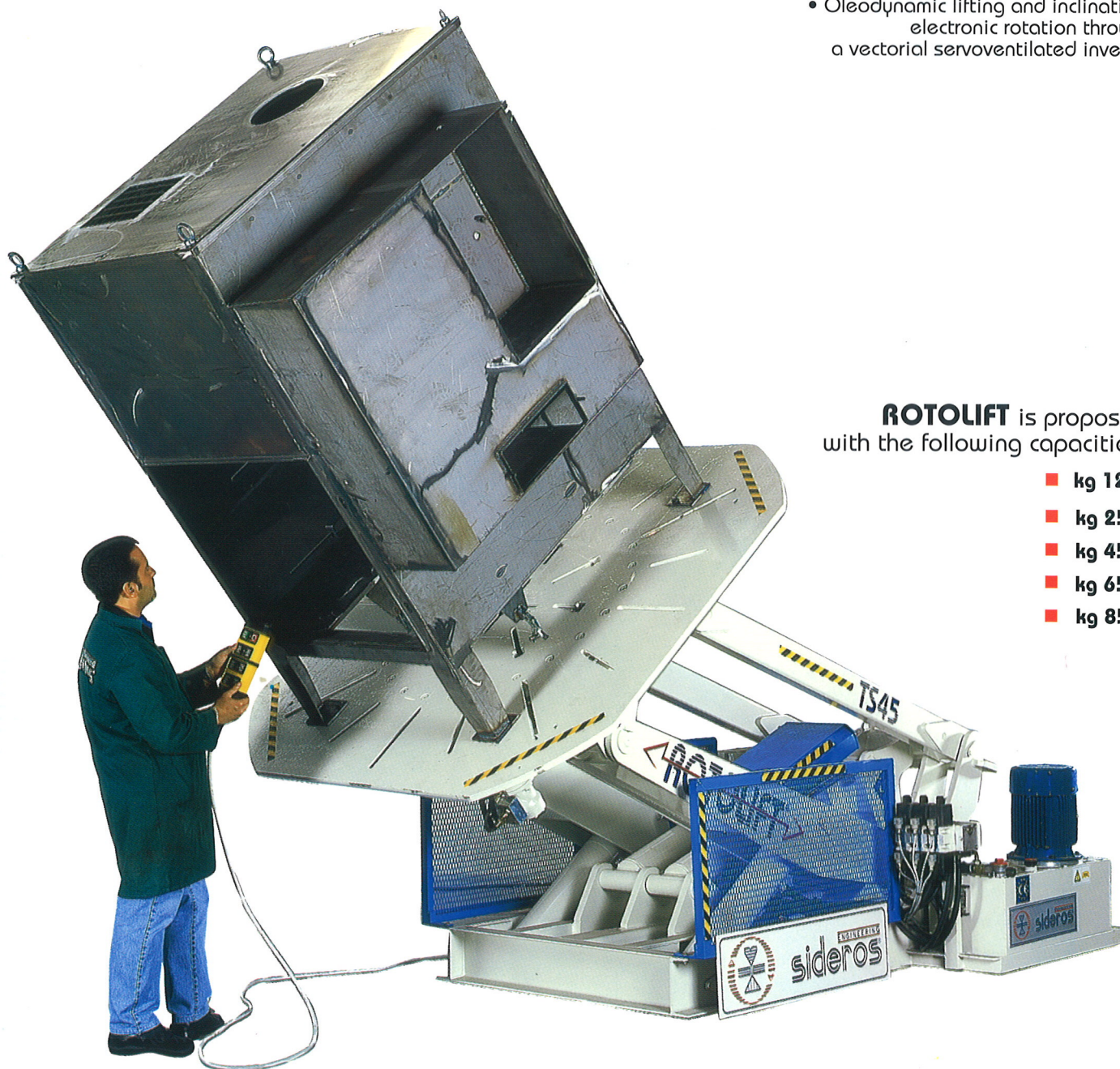
Besides, **Rotolift** ensures a correct positioning of the parts to be welded to allow a proper weld pool deposit.

Rotolift is an ergonomic machine, with flexibility and mobility characteristics. The machine innovation consists of the capability to perform, besides inclination and rotation, the workpiece lifting and lowering.

All these requirements allow the personnel to work under improved safety conditions.

Two versions are available:

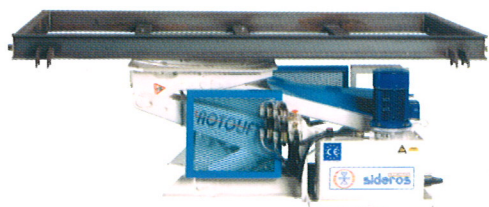
- Oleodynamic lifting, inclination and rotation
- Oleodynamic lifting and inclination, electronic rotation through a vectorial servoventilated inverter



ROTOLIFT is proposed with the following capacities:

- kg 1250
- kg 2500
- kg 4500
- kg 6500
- kg 8500

■ The different positions



■ Main components

Basic structure

- Rugged profiles and high quality steel plates grant extreme stability to the machine.
- The basic structure sections, carefully calculated and designed, support the estimated loads, avoiding vibrations and deformations that can cause damage to the welding quality.
- Oleodynamic cylinders at constant speed carries out the working piece lifting and inclination.

Fifth wheel table

- Holes and slots, opportunely positioned on the table, grant a secure fixing of the workpiece.
- The workpiece endless rotation is allowed through a constant torque hydraulic geared motor.

Oleodynamic group

- Extremely compact, it is made of selected components of great quality.

Electrical equipment

- Made of a central control panel, extremely simple and functional, and of a push-button panel which carries out all operations.

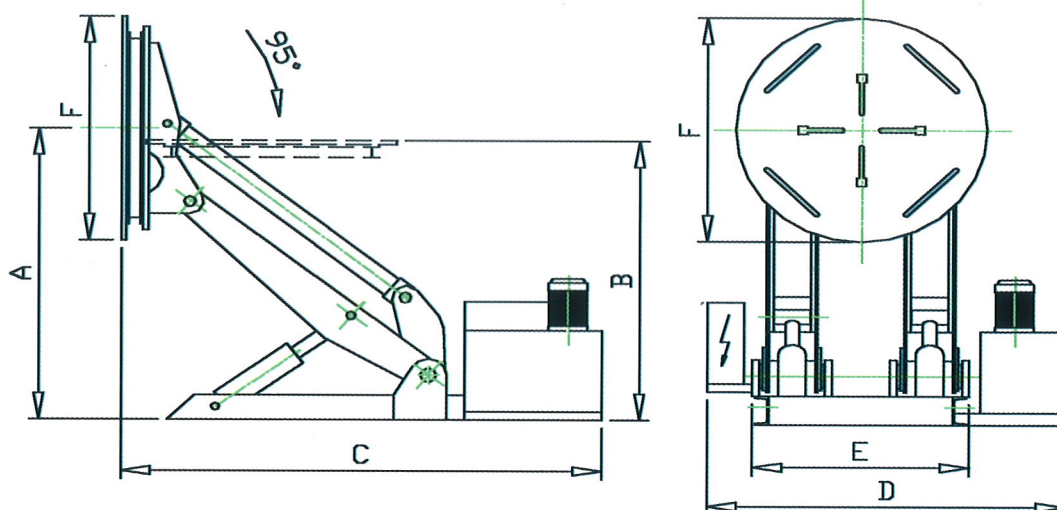
■ Available accessories

- 600 and 1500 W bronze earthing device for rotary elements.



■ Some applications





TECHNICAL SPECIFICATIONS	RL 1250	RL 2500	RL 4500	RL 6500	RL 8500
CAPACITY (KG)	1250	2500	4500	6500	8500
MACHINE WEIGHT (KG)	751	1450	2965	4200	5500
MAX TABLE TILTING	95°	95°	95°	95°	95°
TABLE TILTING TIME (SEC)	15	16	36	36	45
TABLE ELEVATION TIME (SEC)	15	25	40	55	60
TABLE ROTATION TIME (SEC PER ROUND)	35	110	80	80	100
A (mm) MAX HEIGHT WITH VERTICAL TABLE	1020	1620	2085	2400	2680
B (mm) MIN/MAX HEIGHT WITH HORIZONTAL TABLE	730 1300	735 1570	900 2160	960 2450	1220 2920
C (mm) LENGHT	2000	2260	2900	4000	3500
D (mm) MAX WIDTH	1740	1720	1840	2120	1600
E (mm) STRUCTURE WIDTH	990	980	1260	1400	1540
F (mm) TABLE DIAMETER	800	1100	1500	1800	2000

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