

WP

Three axis welding positioners



The **WP** is a three axis welding positioner that allows the lifting and the rotation of any work piece during welding and assembly operations. Ergonomic positioners are used during welding and assembly operations of big work pieces that are manufactured by companies of all sectors. The ergonomics, technical characteristics and functional flexibility allow you to increase productivity and efficiency by minimizing the handling of the product on which it is necessary to work on.

The lifting and inclination are obtained by hydraulic operation. The rotation is electromechanical with the help of a frequency inverter that allows the speed to be adjusted according to the operators needs. All controls are obtained from the control unit and the remote pendant control. The production includes a complete range of models of various capacities. Our range includes several optional and accessories that meet the most diverse needs of the user.

Emanuel welding positioners are built according to the customer's specific needs. Our positioners can feature for 4.0 Industry.

Emanuel WP positioners offer many advantages:

- Safety: reduces the need for dangerous movements while operating lifting equipment such as overhead cranes
- Health: welders and operators always maintain the correct posture and reduce fatigue.
- Improved production quality: allow to work at an ideal height and in correct position.
- Increased productivity: lifting and turning products without overhead cranes or ordinary cranes reduces downtimes

The sector of application in welding and assembly are the most varied:

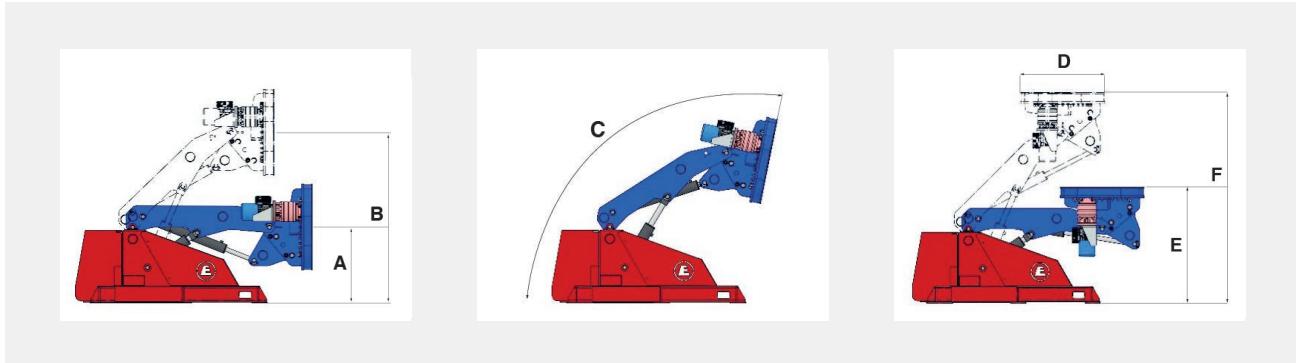
- Truck frames and tanks
- Earth moving machines components
- Railway sector components
- Automotive and military frames and components
- Agricultural vehicles frames and components
- And many other



WP**THREE AXIS WELDING POSITIONERS**

		WP15	WP25	WP35	WP50	WP75	WP100
Capacity (Kg)	P	1500	2500	3500	5000	7500	10000
Torque moment (Nm)	Mt	3000	5000	7000	10000	15000	20000
Bending moment (Nm)	Mf	6000	10000	15750	22500	37500	50000
Minimum height with vertical plate (mm)	A	710	710	900	900	1150	1150
Maximum height with vertical plate (mm)	B	1600	1600	2000	2000	3020	3020
Inclination with plate at maximum height (°)	C	0÷90 (0÷130)**	0÷90 (0÷130)**	0÷90 (0÷130)**	0÷90 (0÷130)**	0÷90 (0÷130)**	0÷90 (0÷130)**
Table diameter (mm)	D	600	800	900	1000	1000	1000
Minimum height with horizontal plate (mm)	E	1110	1110	1350	1350	1700	1700
Maximum height with horizontal plate (mm)	F	2010	2010	2450	2450	3570	3570

** inclination achievable with specific optional

**Optional**

- Added inclination till 130 °
- Rotary ground: 400A-800A
- Self-learning hardware & software system
- Foot switch for left/right rotation
- Wireless safety remote control
- Safety laser scanners
- Smart interface
- 4.0 Industry

Accessories

- Self-centering chucks



Evolving Lift Solutions



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Emanuel is certified:
UNI-EN ISO 9001:2015