

CODESOL



| ENG

THREE 50

Posicionador con mesa giratoria e inclinable
capacidad de carga 350kg - Agujero pasante de Ø 200mm

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THREE 50

It is a 350 kg capacity turn and tilt table positioner.

Its main feature is the Ø200 mm through hole, that orientates it towards the tubing sector.

An additional characteristic feature is the 0°<>180° tilting angle.

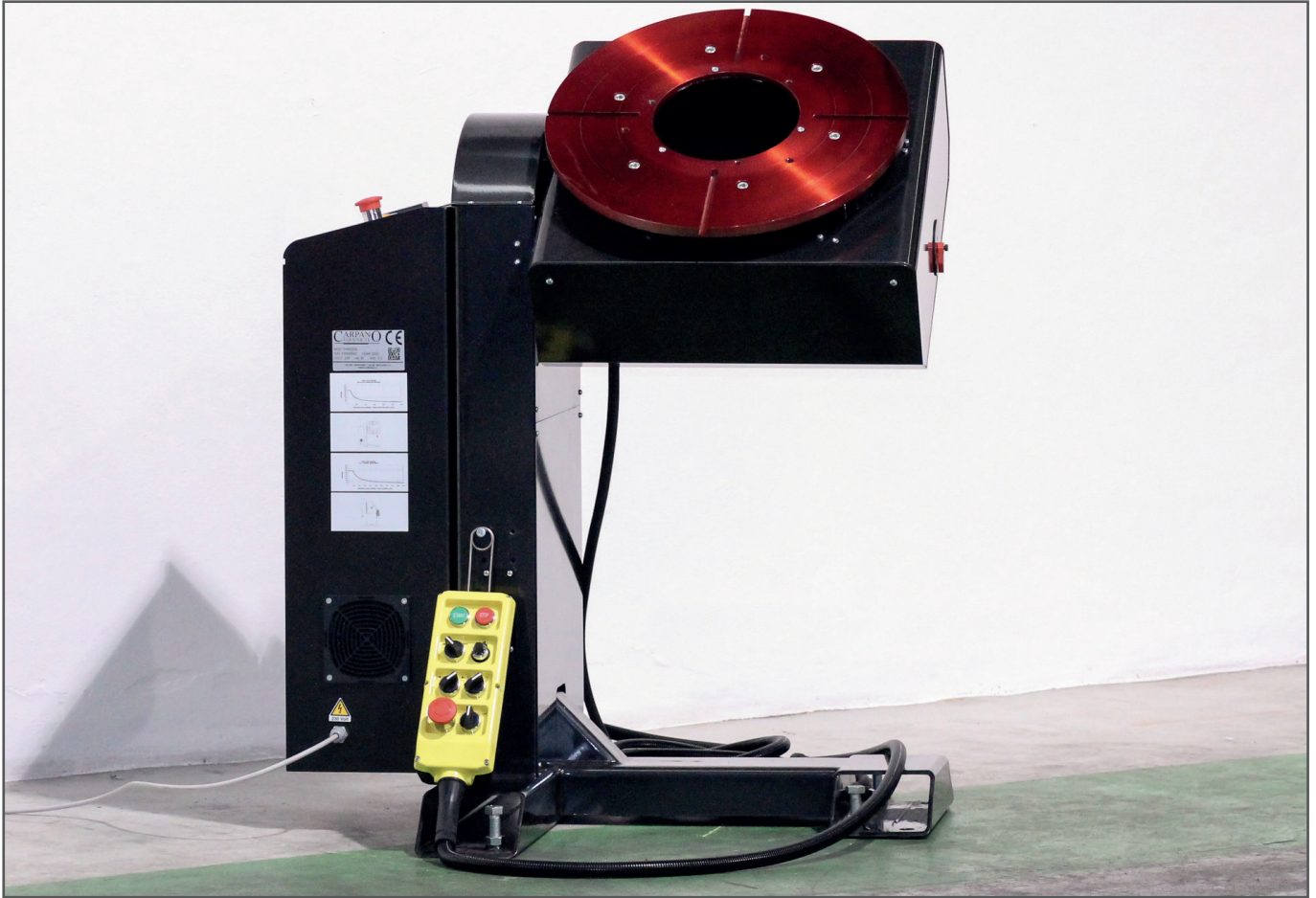
The standard version includes AC motors, but are also available versions including Brushless motors on one or both axes.

Machine is designed for installation of torch holder arms and of self-centering chucks.



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**General features:**

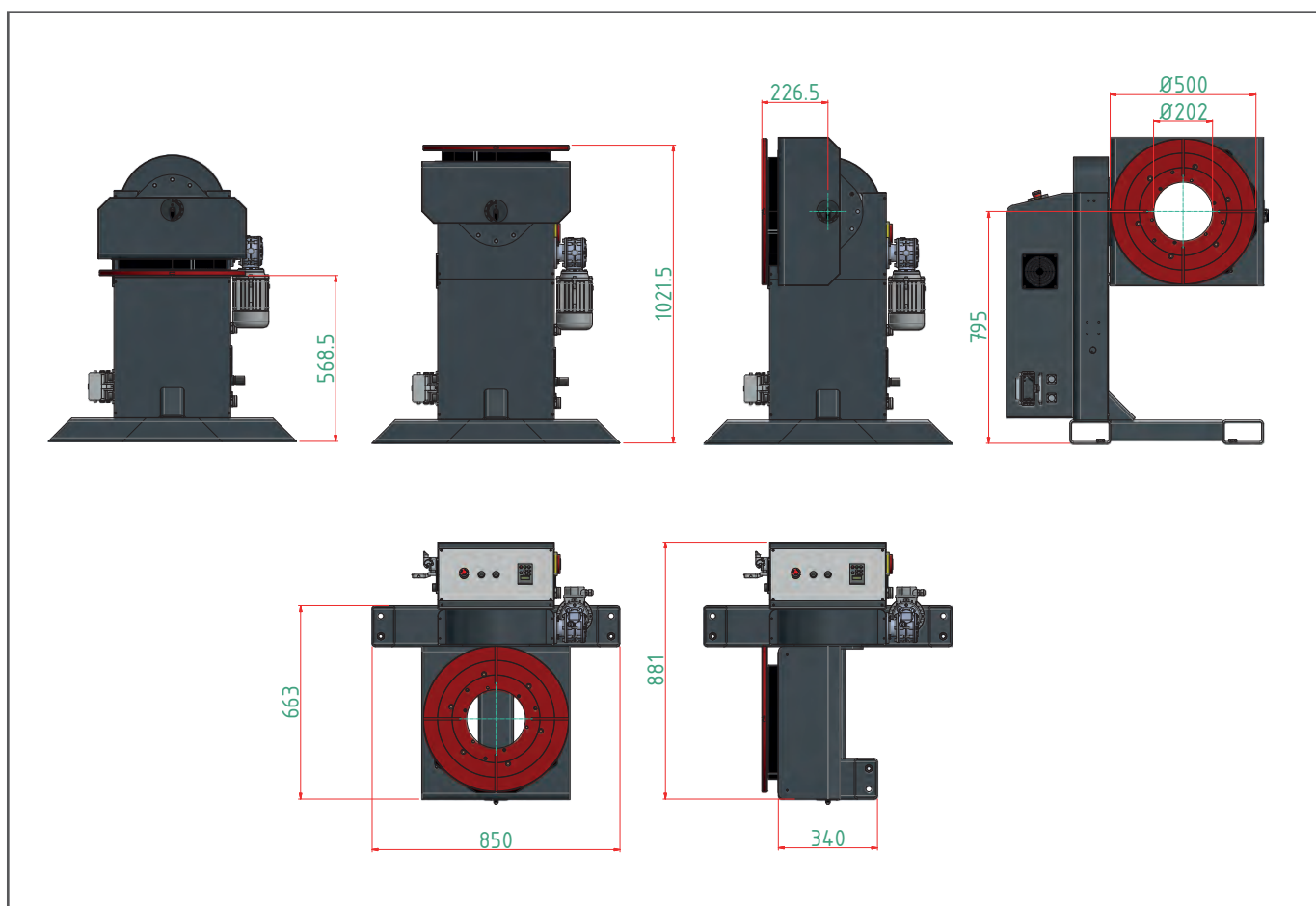
- The frame is in machined and welded carpentry.
- Motorized rotation and tilting are carried out respectively by means of slewing ring + pinion and of slewing drive.
- Standard motorizations are in AC. If high accuracy is required, or if machine must be managed by PLC, it is possible to install Brushless motors with encoder.
- Ground bearing consists of a copper belt crawling around the hollow shaft applied to the back side of the table.
- The "single shoulder" shape allows a more practical use by the operator, who can get closer to the structure more easily.
- The machine can be lifted from the feet by a forklift.

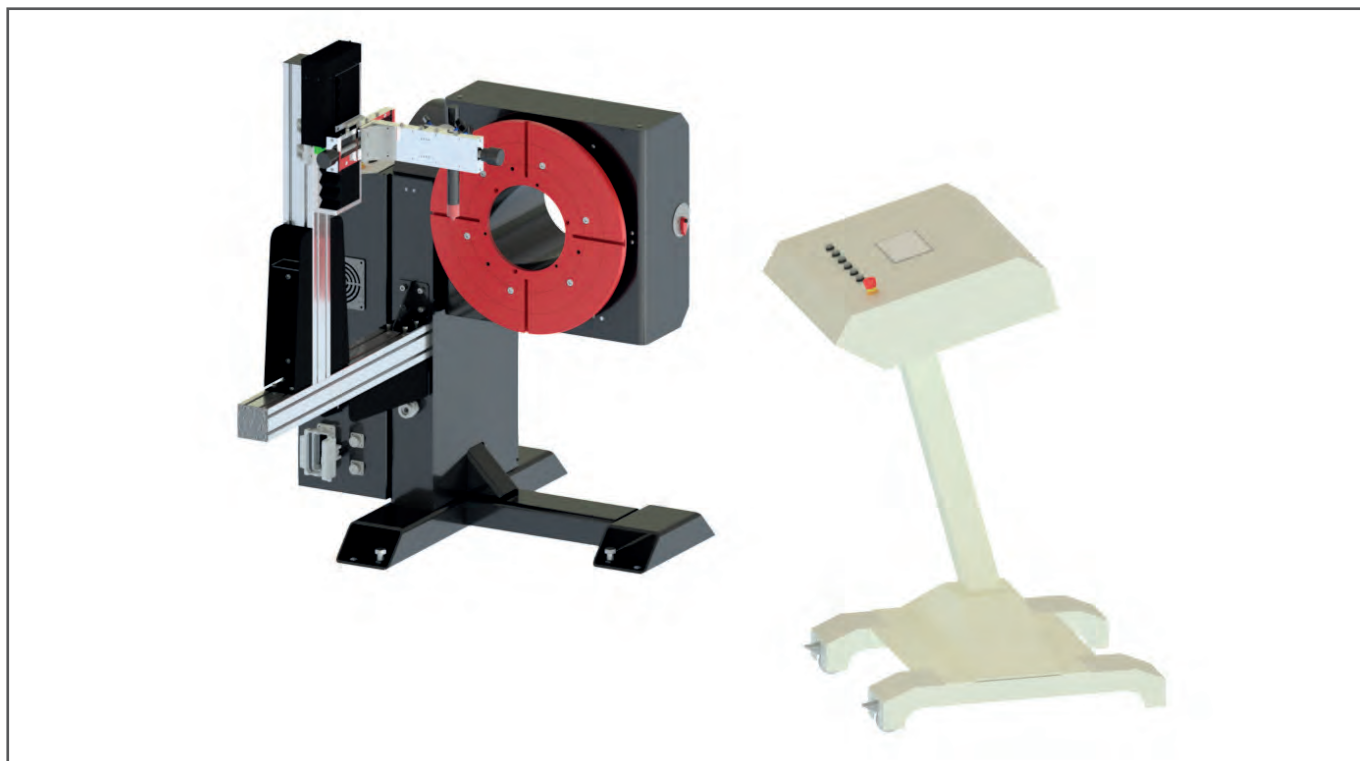
Remote control pendant, supplied with a 5m cable, is provided with the following controls:



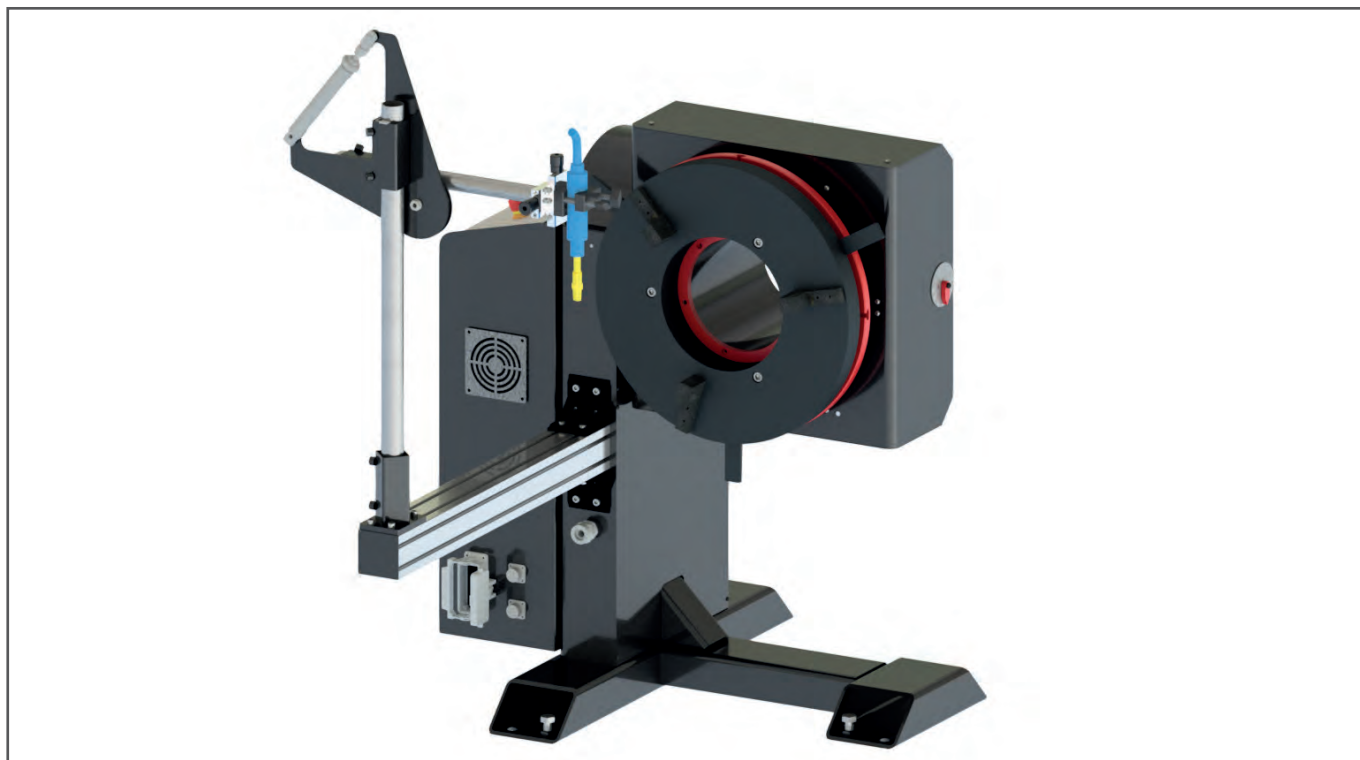
- Start button
- Stop button
- Max speed/potentiometer switch
- 10 turn rotation speed potentiometer
- Clockwise/counterclockwise rotation switch
- Welding ON/OFF switch
- Emergency
- 0° <> 180° tilting switch

Model	THREE50	THREE50 BR
Capacity with table in flat position	350 kg	350 kg
Tilt torque	60 kgm	60 kgm
Rotation torque	25 kgm	25 kgm
Tilting	0° <> 180°, motorized at fixed speed	0° <> 180°, motorized at fixed speed
Rotation motor	Asynchronous AC motor	Brushless motor with encoder
Rotation transmission	Worm gear + pinion and slewing ring	Worm gear + pinion and slewing ring
Rotation speed	From 0,2 to 2 rpm – other on request	From 0,02 to 2 rpm – other on request
Table	Ø500, through hole Ø202 mm	Ø500, through hole Ø202 mm
Weight	300 Kg	300 Kg
Feeding	200 V / 400 V-3 phases (on request)	200 V / 400 V-3 phases (on request)
Power installed	400 W	500 W
Remote control	5 m cable	5 m cable
Ground bearing	300 Amp @ 100%	300 Amp @ 100%

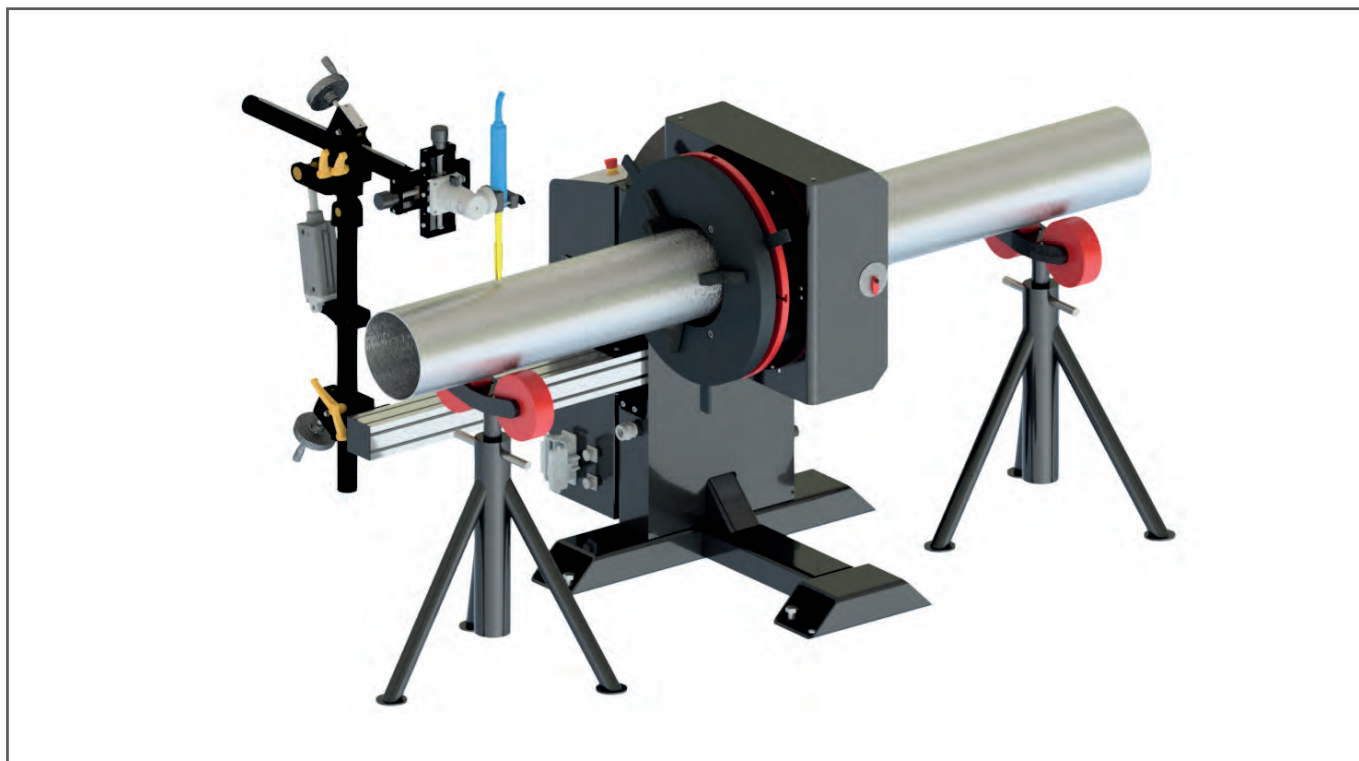


**THREE50 BR integrated to AVC for TIG welding.**

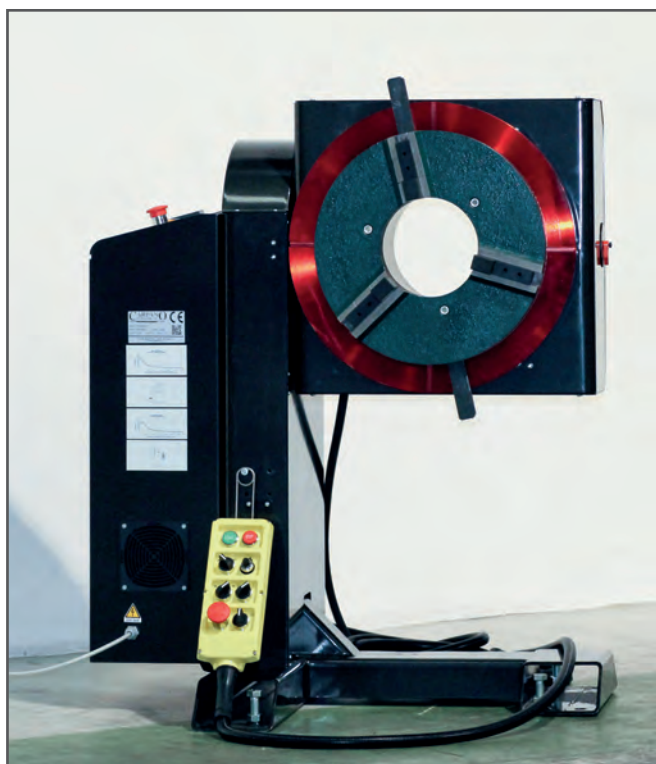
A control desk on pivoting wheels with 7" touch-screen panel for programming the work cycles completes the plant.



THREE50 with Grip500 chuck and ARM PNEUMO pneumatic arm.



THREE50 SLIDING ARM pneumatic arm + GRIP500 chuck + JACK05 dollies.



Front view, with Grip400 chuck



Back view

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COMERCIAL DE SOLDADURA, S.A.

Pol. Ind. Can Tapiolas, nave 6, 08110 Montcada i Reixac (Barcelona)

T. +34 93 564 0804 // Fax. +34 93 564 5852 // codesol@codesol.com

www.codesol.com