

TWO- CAPACIDAD DE CARGA 200 KG CON MESA GIRATORIA E INCLINABLE

Turntable positioner with 200 Kg. maximum weight capacity, available with several different electronic controls. It can be equipped by a large range of optional devices for a semi-automatic or a fully automatic use



TWO BASE

- Driven by an AC servo-ventilated motor, managed by vector inverter, speed from 0,4 to 4 rpm.
- Rollo1-CD foot remote control with 5 m cable made up of :
 - Start and stop foot devices
 - Emergency stop push-button.
 - 10-turns potentiometer.
 - RPM digital tachograph.
 - On/off weld switch.
 - Clockwise/counterclockwise switch.
 - Adjustable/maximum speed switch.

TWO BASE DC

- DC motor with speedometer dynamo, managed by closed-loop electric drive, with adjustable speed from 0,1 to 4 rpm.
- Further optional devices as per ONE BASE model.



TWO PLC

- AC servo-ventilated motor, managed by vector inverter, speed from 0,4 to 4 rpm.
- Control cabinet on adjustable support made up of :
 - RPM digital tachograph.
 - Emergency stop push-button with reset on the inverter panel.
 - 10 turns potenziometer.
 - Start / stop cycle push-button.
 - Clockwise/counterclockwise switch.
 - On/off weld switch.
 - Adjustable/maximum speed switch.
 - On/off pneumatic tailstock switch.
 - On/off tilting pneumatic torch holder switch.
 - Overlap and delayed start in seconds digital setting.

TWO PLC WORKING CYCLE

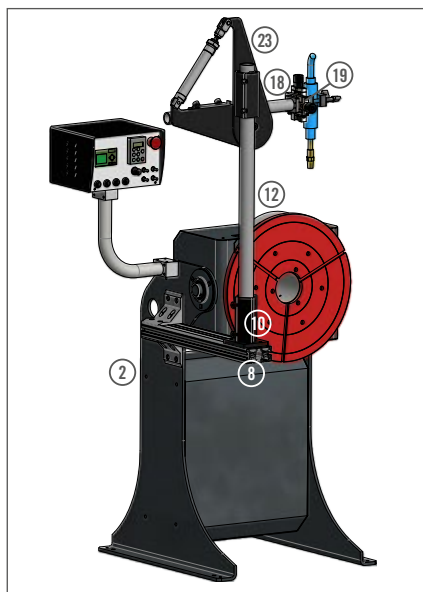
- Forward tailstock (by means of the a.m. switch) [*]
- Start cycle (Forward tailstock after starting cycle on request) [*]
- Tilting torch holder DOWN [*]
- Arc strike and delayed rotation start
- 360° rotation + x° overlapping
- OFF Arc
- Tilting torch holder UP [*]
- Reset - x° to the Start position
- Back Tailstock (by means of the a.m. switch)[*]

TWO PLC DC

- DC motor with speedometer dynamo, managed by closed-loop electric drive, with adjustable speed from 0,1 to 4 rpm
- Further optional devices as per ONE PLC model.

[*] These working cycles are obviously omitted in case the tailstock and/or the torch holder are not installed

TWO- 200 KG EXAMPLES OF POSSIBLE CONFIGURATIONS

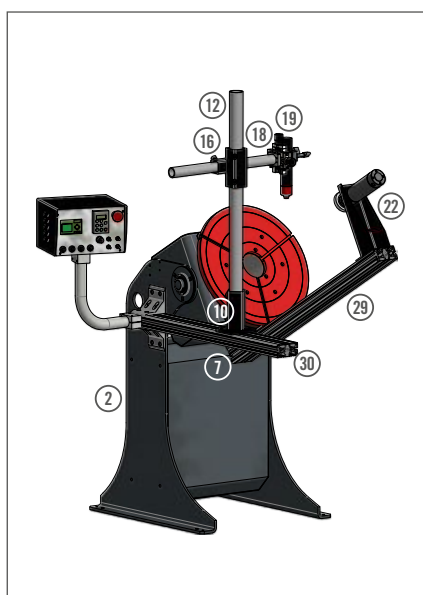


TWO PLC with TWO ARM Pneumo

Such configuration includes :

- Two PLC
- TWO ARM Pneumo torch-holder arm with pneumatic actuator

02	TWO PLC	200Kg tilting rotary table
08	ONE-2050	500mm (Al 40x80x500mm) crossbar with fixing brackets
10	ONE-2110	Vertical column base
12	ONE-3075	750mm vertical column
18	ONE-3040	400mm horizontal pipe
19	SM 50/2 + PT	Torch-holder with 50x50mm. cross micrometric slides
23	ONE-TL-100	ARM PNEUMO : 30° tilting arm

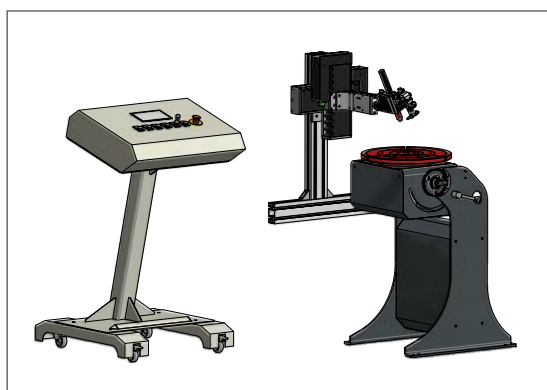


TWO PLC with TWO Swan and TWO ARM MAN

Such configuration includes:

- TWO PLC
- TWO ARM MAN torch-holder arm without pneumatic actuator
- TWO SWAN tailstock Assembly

02	TWO PLC	200Kg tilting rotary table positioner
07	ONE-033	Rail connection- pos. 29
10	ONE-2110	Vertical column base
12	ONE-3075	750mm. vertical column
16	ONE-2054	Cross connection for Ø 40/35 mm. pipes with lock
18	ONE-3040	400mm horizontal pipe
19	SM50/2 + PT	Torch-holder with 50x50mm. cross micrometric slides
22	TWO-TS-075S	75mm. Stroke pneumatic tailstock
29	TWO-2085	850mm (Al 40x80x850mm) rail
30	TWO-2075	750mm (Al 40x80x750mm) rail



Fully automated TWO for multi-layer cold wire TIG circular welding:

- PLC with 7" Touch-sensitive screen Panel
- AVC control vertical slide
- Swinging control horizontal slide
- Cold wire managed by PLC
- PLC with welding torch JOB recall
- Possibility to enter at least 200 working programs, for each program it is possible to set the step number and for each step it is possible to set :
 - Ø of the item in mm.
 - Rotation delay
 - Overlap in mm
 - Arc Voltage in Volt
 - Swinging parameters : width, speed, center, pause left-center-right
 - Welding torch Job, with bus connection

Optional devices:

- Modem connection, for Remote-control or to update programs
- 4.0 Industry Package : for monitoring working parameters, off-line programming, OPC UA server to communicate with the production management system.