



| ENG

# THREE 50

Turn and tilt table positioner  
350kg capacity – Ø200mm through hole

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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.



We reserve the right of modifying without notice the technical features of the equipment described herein and we do not respond for any printing mistake.

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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.

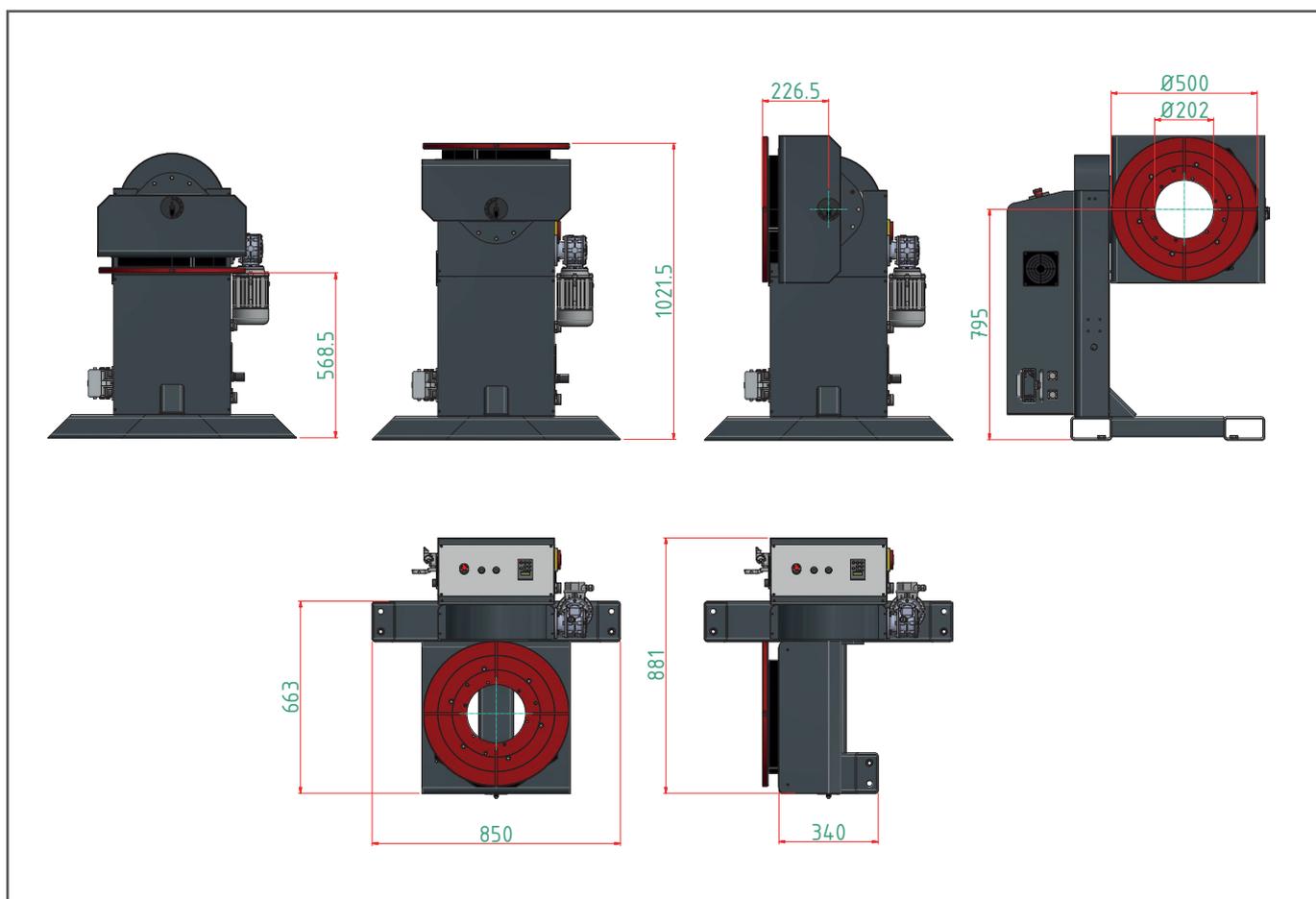
**Remote control pendant, supplied with a 5m cable, is provided with the following controls:**

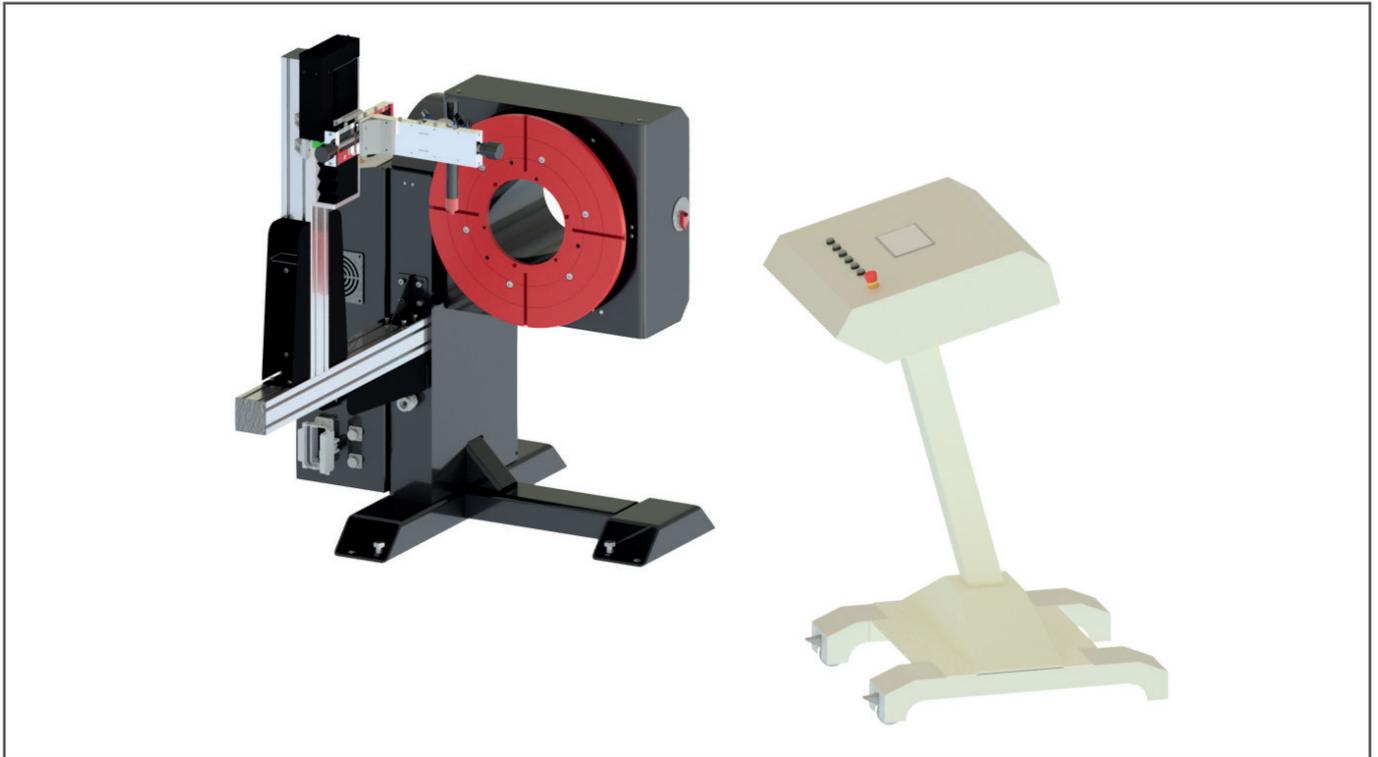


- Start button
- Stop button
- Max speed/potentiometer switch
- 10 turn rotation speed potentiometer
- Clockwise/counterclockwise rotation switch
- Welding ON/OFF switch
- Emergency
- 0° <> 180° tilting switch

## Technical data

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.

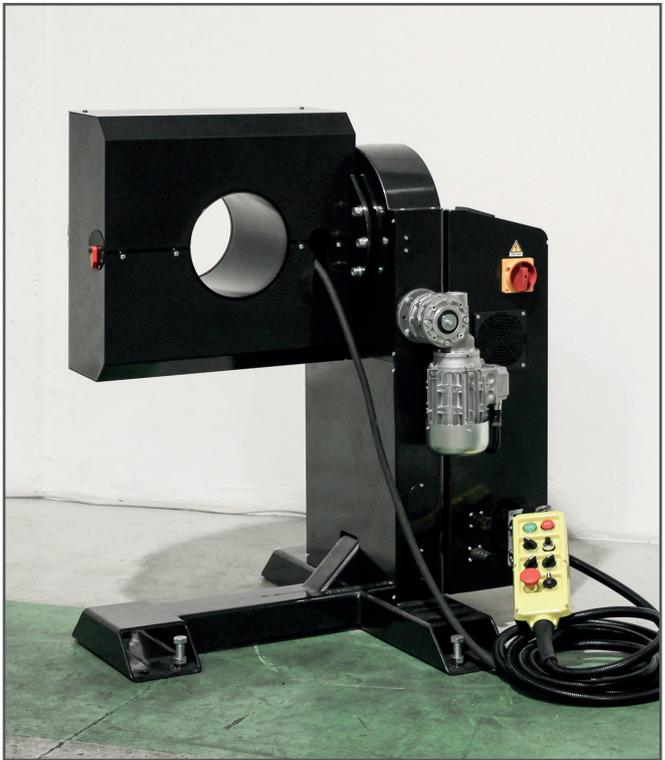
■ Configuration examples



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



Front view, with Grip400 chuck



Back view



# GENERAL SUPPLY CONDITIONS

## 1. SUPPLY OBLIGATION ARRANGEMENT

The following general terms of business are always to be considered applicable to every order made by the buyer. Therefore, any supply clause written by the buyer on his orders or any other document given to the seller, which may result to be conflicting with the present general conditions, will be considered not written. The buyer has to forward the orders to the seller in writing. The seller reserves the authority to accept telephone and verbal orders. The order is to be considered executed when the buyer receives the written acceptance of the same (order confirmation) by the vendor or, in the absence thereof, automatically 15 days after the order receipt by the seller. All offers and prices are just an indication and are not binding. Therefore the seller considers himself to be bound only to what is declared in his order confirmations.

## 2. TERMS FOR DELIVERY

The delivery dates indicated by the seller as well as the ones written on the buyers' orders have to be considered just as an indication and are not binding and are subject to the punctual supply by the buyer of all the specifics, to the variations due to the availability of the goods with the suppliers or to reasons of force majeure: delays in the delivery due to said availability variations are not attributable to the seller, who is not in duty bound to the compensation for damages suffered by the buyer. Reasons of force majeure have also to be considered the accidents (industrial injury, disease, etc) and any other circumstances which may cause a total or partial job reduction, as well as the lack of raw materials, troubles with transportation, etc. The seller reserves the authority to suspend the delivery of the goods if the buyer has not seen to the payment of the invoices relative to other supplies whose terms of payment are overdue. The goods are understood as being delivered for all intents and purposes to the buyer from the time they were picked up by the carrier or the buyer himself at the seller's warehouse.

## 3. PAYMENT AND TERMS OF PAYMENT

The payments have to be made to the seller's domicile and in accordance with the established conditions. In the event of a delay, the due amounts of money will automatically imply the charge of interests based on the official discount rate plus 5 points. In the event of a non-payment, the buyer is to be considered in default without the necessity of any formal notice by the seller. The presence of possible faults and/or defects in the products does not excuse the buyer for suspending the payment of the invoices. Should the client suspend and/or delay the payments, the seller may suspend the supplies, with the authority to consider the contract automatically terminated by rights and to demand for damages.

## 4. WARRANTY

CARPANO EQUIPMENT guarantees the products for a period of 24 months starting from the delivery date, for a daily work cycle of 8 hours. The warranty is intended ex works CARPANO EQUIPMENT. CARPANO EQUIPMENT guarantees the performance of its products in accordance with the instructions written in the relative manuals. For the products based on job orders, the warranty is pertaining to the specifics agreed with the client.

## 5. VOID WARRANTY

In case of any tampering or unauthorized intervention the warranty shall be deemed void.

## 6. LIABILITY FOR DAMAGE

The seller's liability is limited only to the obligations above and it's expressly agreed that the seller does not accept any liability for damages resulting from any cause connected with the use and utilization of the sold products.

CARPANO EQUIPMENT is not responsible and for no reason whatsoever may the expenses be charged for:

- Machine downtime.
- Direct or in direct damage due to the non-operation of the equipment.
- Working hours spent to solve possible problems on the equipment.

## 7. RESERVATION OF OWNERSHIP

Until the payment in full of any credit resulting from business relations has taken place, included any additional credit and until the payment of bills and cheques has been made, the property in the goods remains in the seller.

## 8. COMPETENT COURT

It's established that the court of Bologna will be the sole competent court for every dispute relative to this contract.

## 9. APPLICABLE LAWS

The applicable law is the Italian law.



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