

| ENG

TWELVE & TWENTY

Turn and tilt table positioners
1.2 and 2 Ton capacity

carpano.it

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Turn and tilt table positioners 1.2 and 2 Ton capacity

Max weight capacity is 1200kg and 2000kg respectively.

Rotation can be driven by AC motor or brushless motor with encoder.

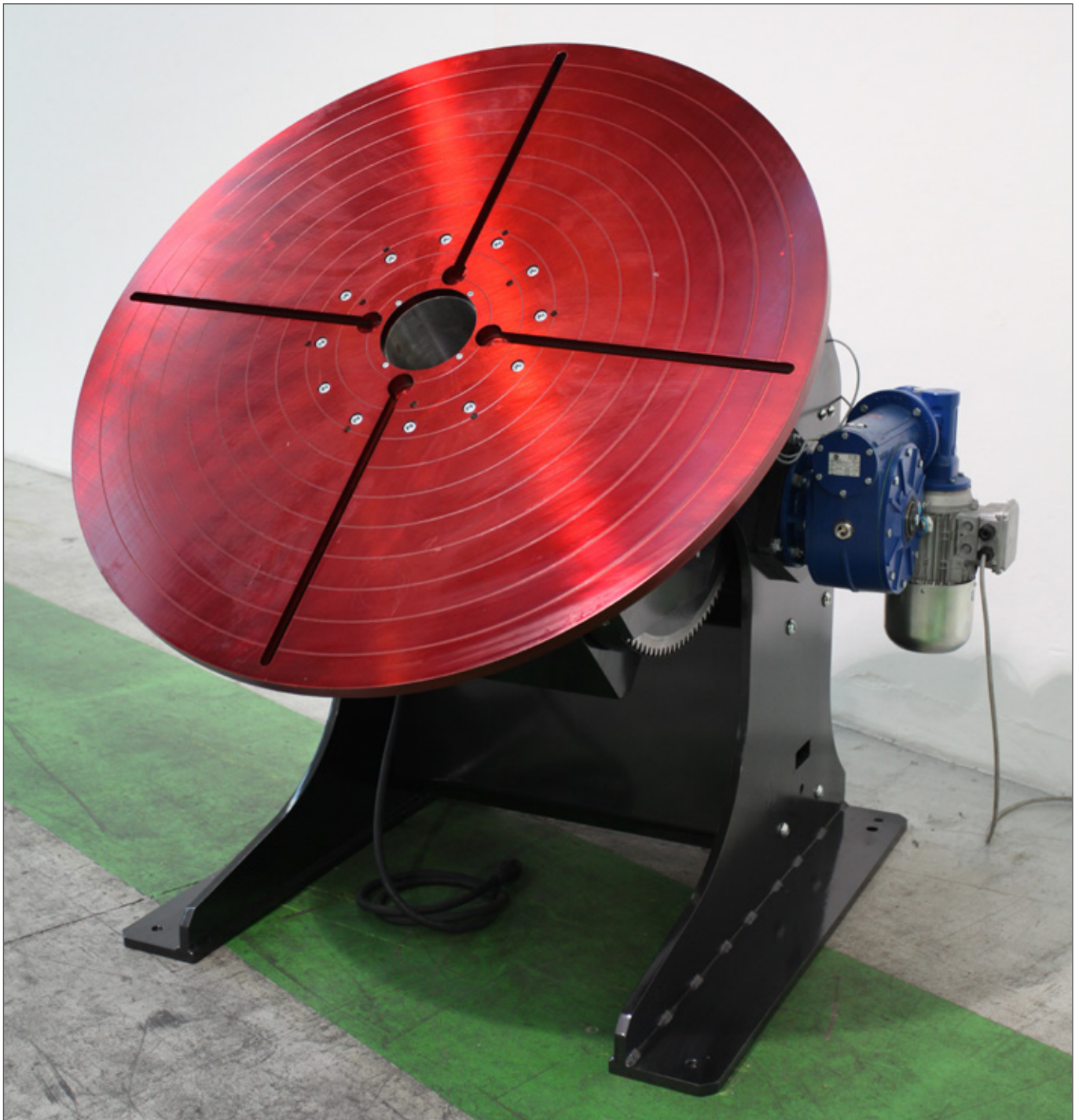
Tables have central through holes \varnothing 135mm and \varnothing 152mm respectively.



We reserve the right of modifying the technical features of machinery as stated herein and we do not respond for any printing mistake.

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- The updated version is the one in our web site



MODELS:

BASE: rotation and tilting both motorized

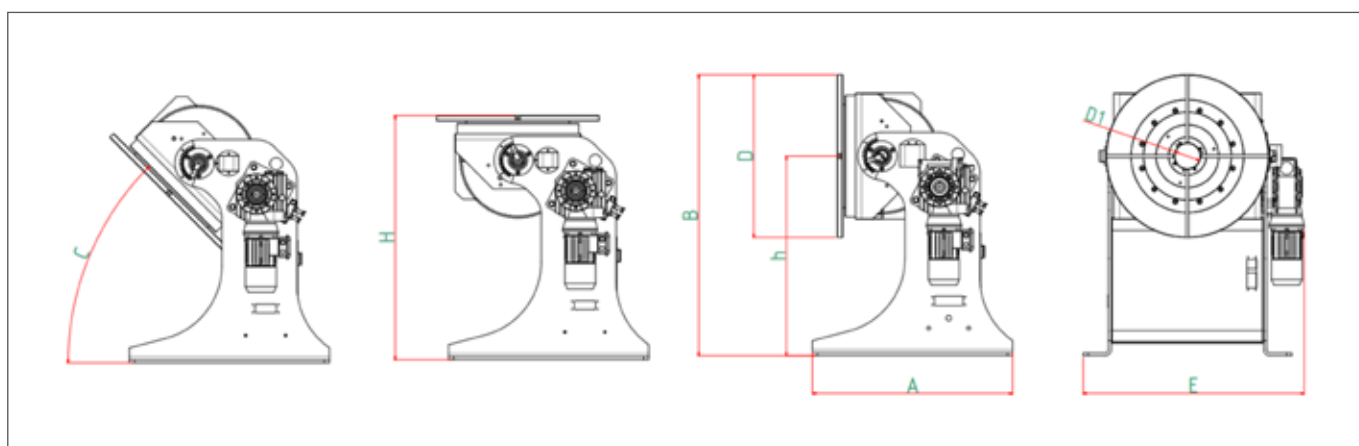
BR: rotation driven by brushless motor with encoder and tilting driven by AC motor

PLC OPTION: control for overlapping, rotation delay and pneumatic arm management

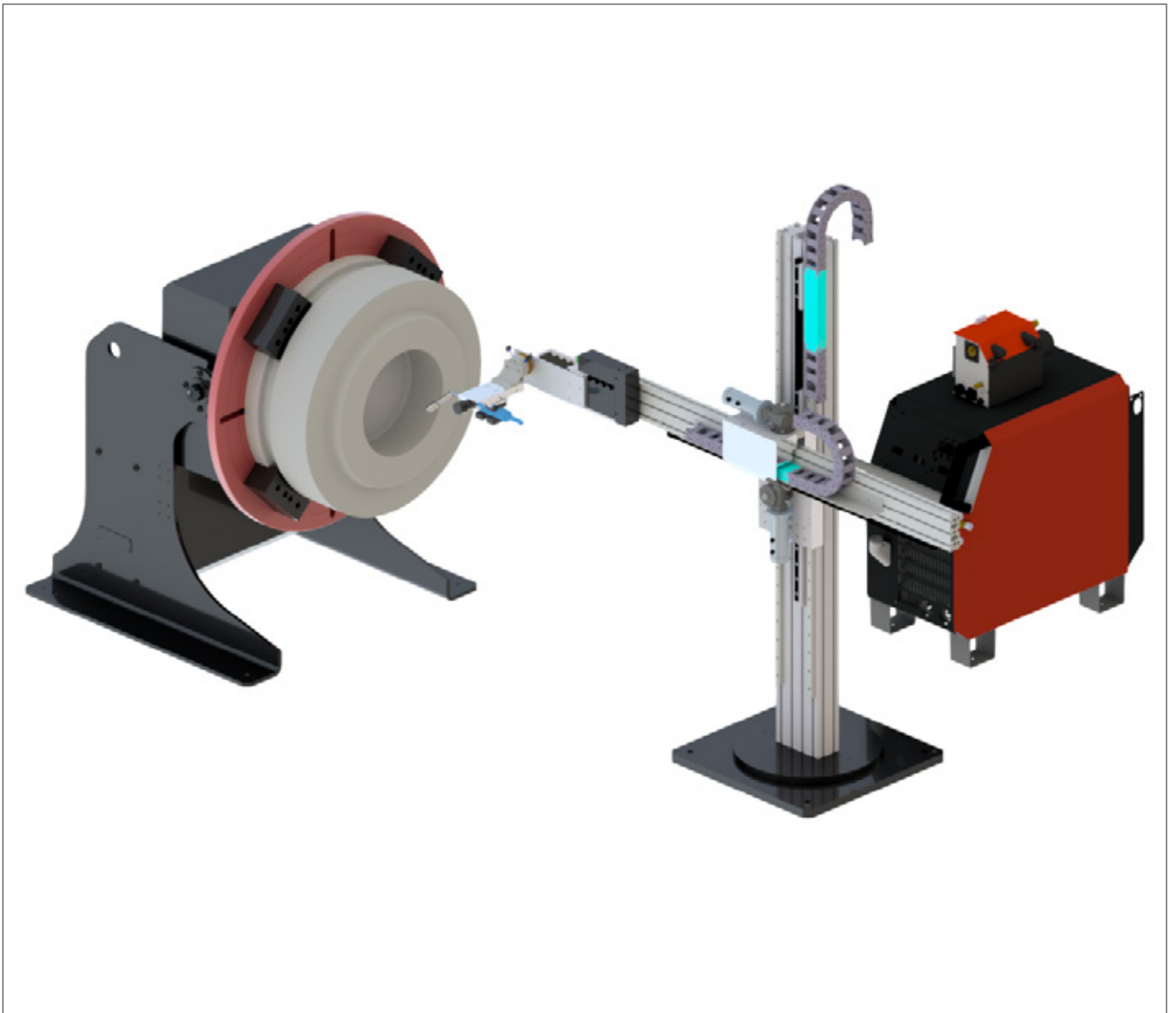
TECHNICAL DATA

MODEL	TWELVE	TWELVE BR	TWENTY	TWENTY BR
W-Max weight capacity	1200 kg	1200 kg	2000 kg	2000 kg
WxL- Tilt torque	310 kgm	310 kgm	510 kgm	510 kgm
WxR - Rotation torque	150 kgm	150 kgm	200 kgm	200 kgm
Tilting	Motorized	Motorized	Motorized	Motorized
Ground bearing	300 A	300 A	300 A	300 A
Rotation speed	0,16 - 1,6 rpm	0,05 - 1,6 rpm	0,1 - 1 rpm	0,01 - 1 rpm
Feeding	230V, single-phase	230V, single-phase	230V, single-phase	230V, single-phase
Remote control	Pendant	Pendant	Pendant	Pendant
Weight	530 Kg	530 Kg	980 Kg	980 Kg

PARAMETRIC DIMENSIONAL TABLE



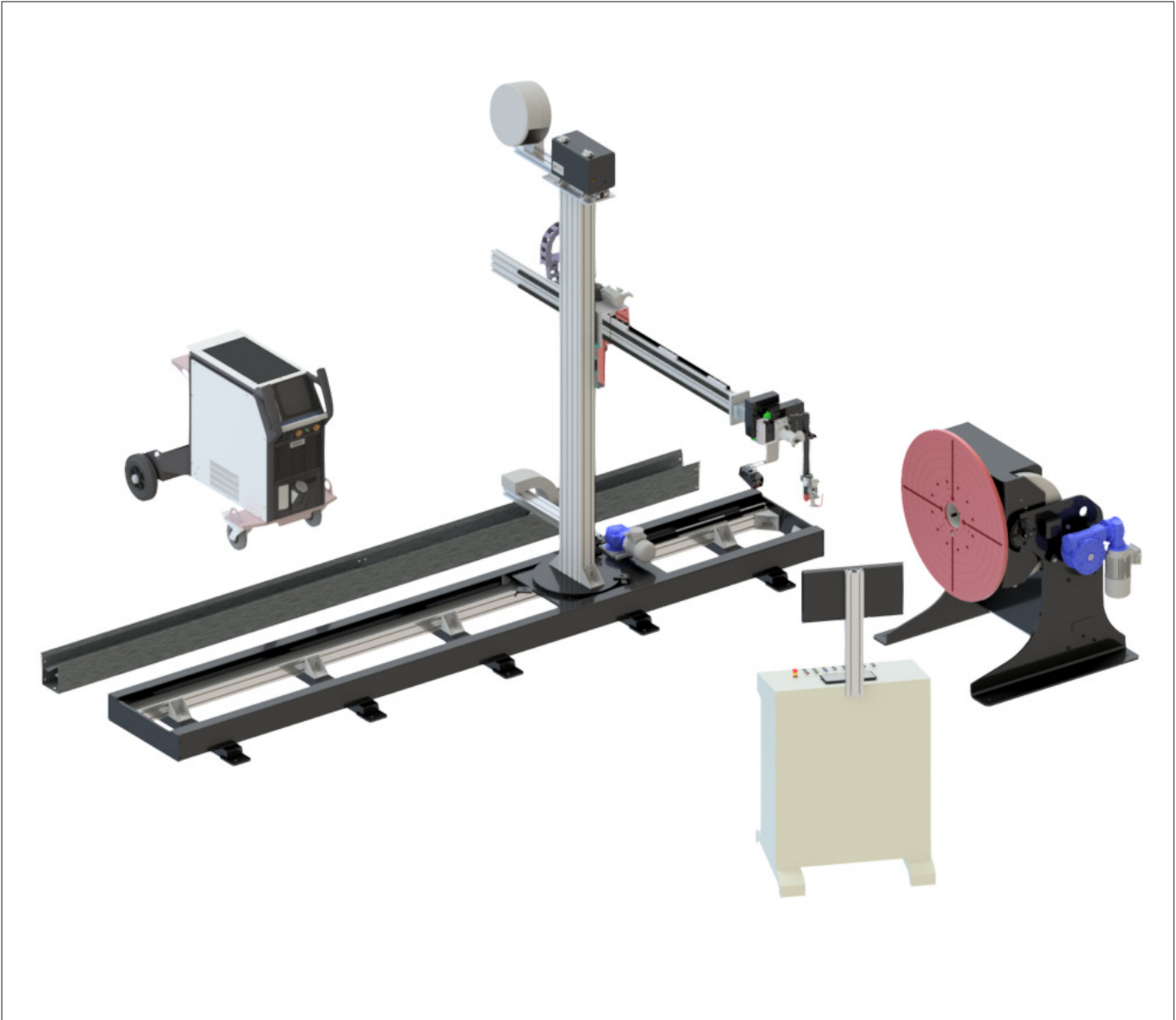
MODEL	TWELVE	TWENTY
A	965	1115
B	1290	1500
C	0°-135°	0°-135°
D	900	1200
D1	132	152
E	1102	1284
h	840	900
H	1020	1106



MIG/MAG PLANT FOR HARD FACING ON MOULDS

This configuration involves a TWELVE positioner coupled with a fixed-base manipulator model APMICRO.

The operator loads the workpiece with the table in flat position, while the hard facing program takes place with the table in vertical position, thanks to the overhead control of the manipulator axes.



PLANT FOR AUTOMATIC WELDING OF FLANGED PIPES.

The installation consists of a TWELVE positioner combined with a manipulator on motorized base, model APMICRO.

Through such a configuration we are able to perform, with a single installation, both longitudinal and circular welds with horizontal or vertical table axis.



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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