

# autopulit®

MAQUINARIA PARA EL PULIDO AUTOMÁTICO, S.A.

**Automatic, CNC machines and robotic cells for belt grinding, polishing, deburring and micro-finishing**

## EVOLUTION OF THE COMPANY, MARKETS

- The company was founded in 1961 in Manresa (Spain), specialising in the manufacturing of automatic and CNC machines for belt grinding and polishing. In 1998 a new plant is built in Sant Fruitós de Bages (Spain).
- From the beginning we have strived to offer solutions to the customer's needs, incorporating the new technologies with a permanent investment in R+D+I and the modification of the installations to comply with the EC security regulations and the ISO 9001:2000 quality certificate.
- Customers from over 50 countries around the world are trusting in our machines.
- We participate in the main international exhibitions (EMO, IMTS, MACH, EURO-BLECH, BIEMH, ...).
- Our incomparable range of machines enables us to cover the needs of different sectors such as: AUTOMOTION, AEROSPACE, HOUSEHOLD GOODS and APPLIANCES, CONSTRUCTION (aluminium extrusion profiles, locks ...); METAL SHEET, TUBE; microfinishing, deburring...



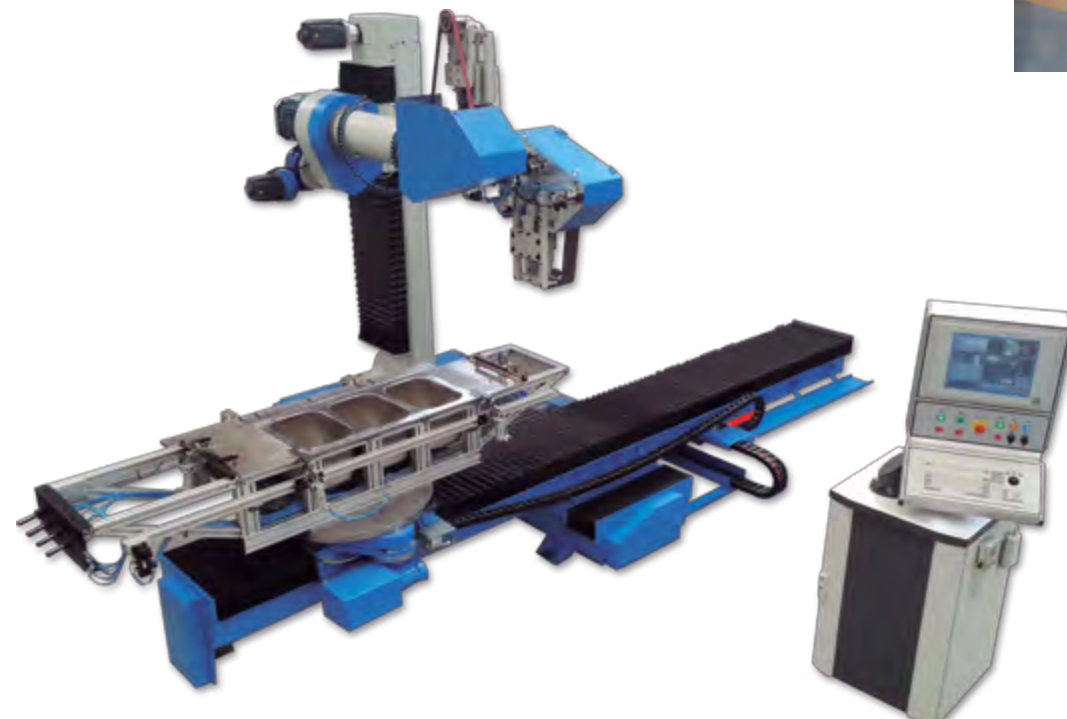
### HP-1/UT-CNC

CNC universal machine for polishing, belt grinding, satin finishing and deburring of different parts from the sectors of aerospace, automotive, etc.



### HD-1/UT(D)-CNC

CNC belt grinding machine with 1 double working head for welding cleaning and satin finishing



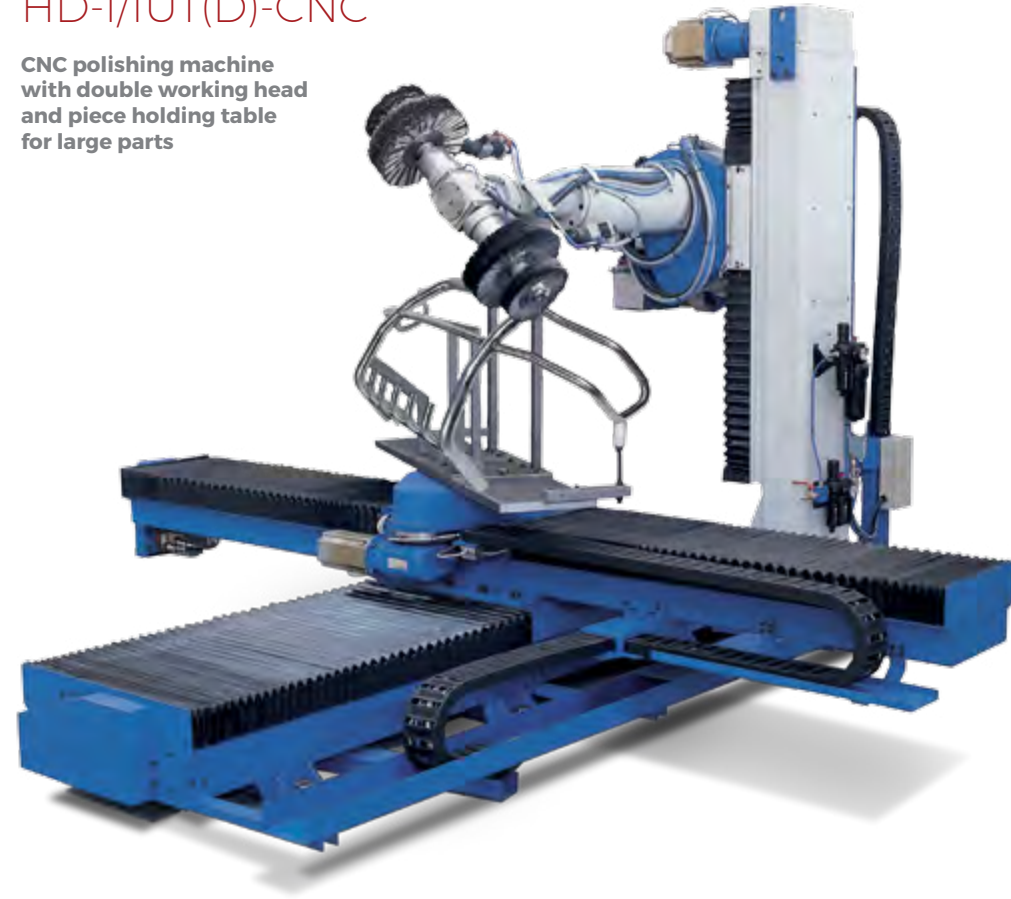


## CNC POLISHING MACHINES



### HD-I/1UT(D)-CNC

CNC polishing machine with double working head and piece holding table for large parts



### HD-II/2UT(D)-CNC

CNC polishing machine with 2 double working heads and 2 piece holding spindles to allow 2 parts to be simultaneously finished

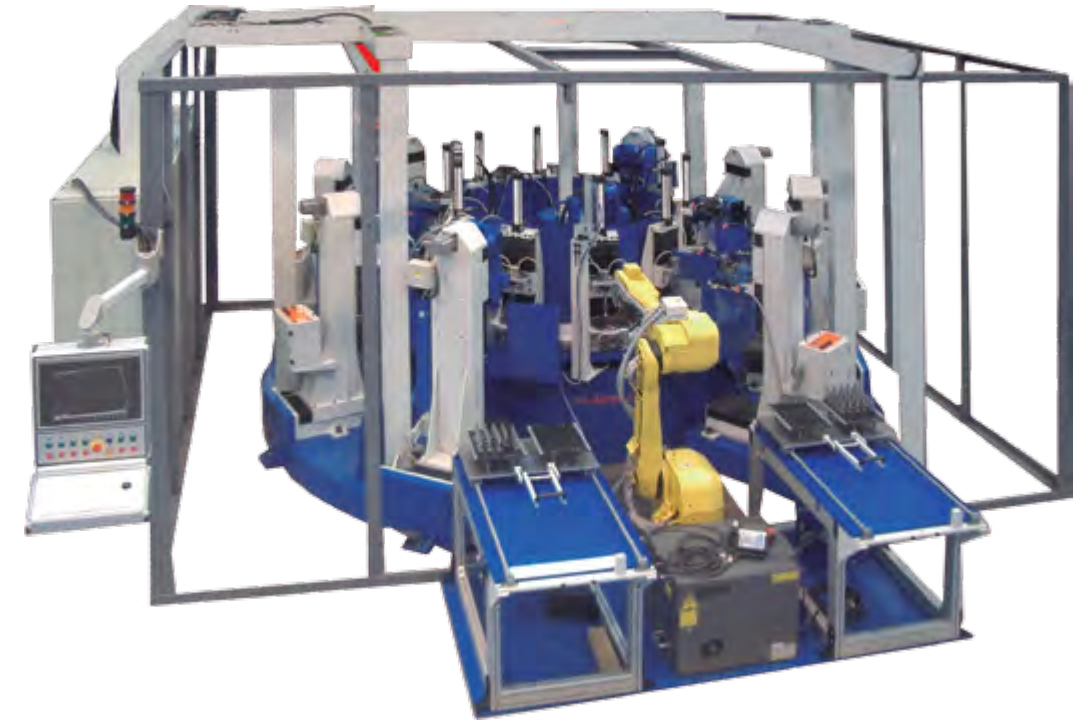


## CNC DEBURRING / MICRO-FINISHING



### RDHI-10-2000/8UT-CNC+1VR

CNC rotary transfer machine for the deburring and micro-finishing of gears, with robotized loading and unloading



### RSB-8HI/6UT

CNC rotary transfer deburring machine with 6 working heads, automatic loading and unloading for high production of sintered parts for the automotive sector



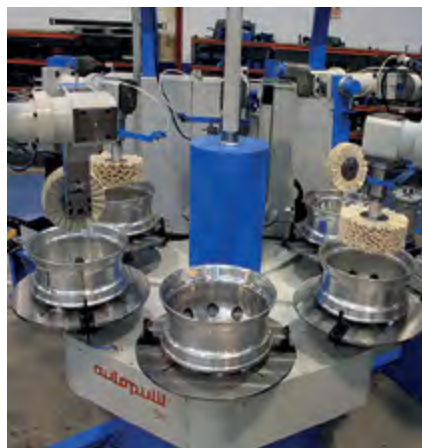


## CNC ROTARY TRANSFER MACHINES



### REHI-9-2200/8UP-CNC

CNC rotary transfer machine with 41 axes for the polishing of aluminum car/truck wheels



## CNC ROTARY TRANSFER MACHINES

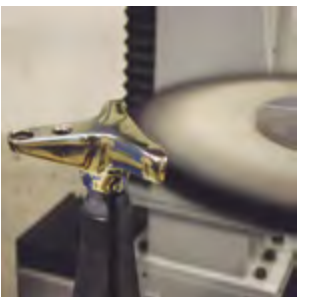
### RSB-HI-CNC(4)-1500/1UT-CNC

CNC rotary transfer machine for the polishing of aluminum parts from the automotive sector, with a 6 interpolated axes working head



### RSB-HI-CNC(5)-1200/4UT-CNC

CNC rotary transfer machine with 21 axes and 4 working heads, for the polishing of faucets

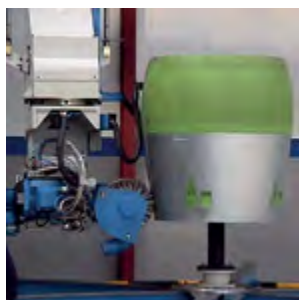




## GANTRY POLISHING MACHINES

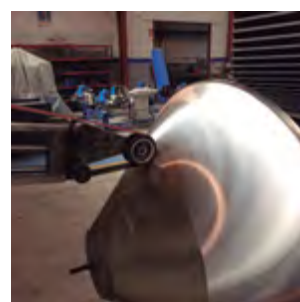
### MR/UT-CNC BRIDGE

CNC machine with 1 working head for abrasive belt grinding and polishing of tank ends, with rotary table



### PD/UTD TORPEDO 4000

Machine with rotary table for internal and external abrasive belt grinding and polishing of tank ends, up to 12 meter diameter, and tank bodies



## ROBOTIC CELLS

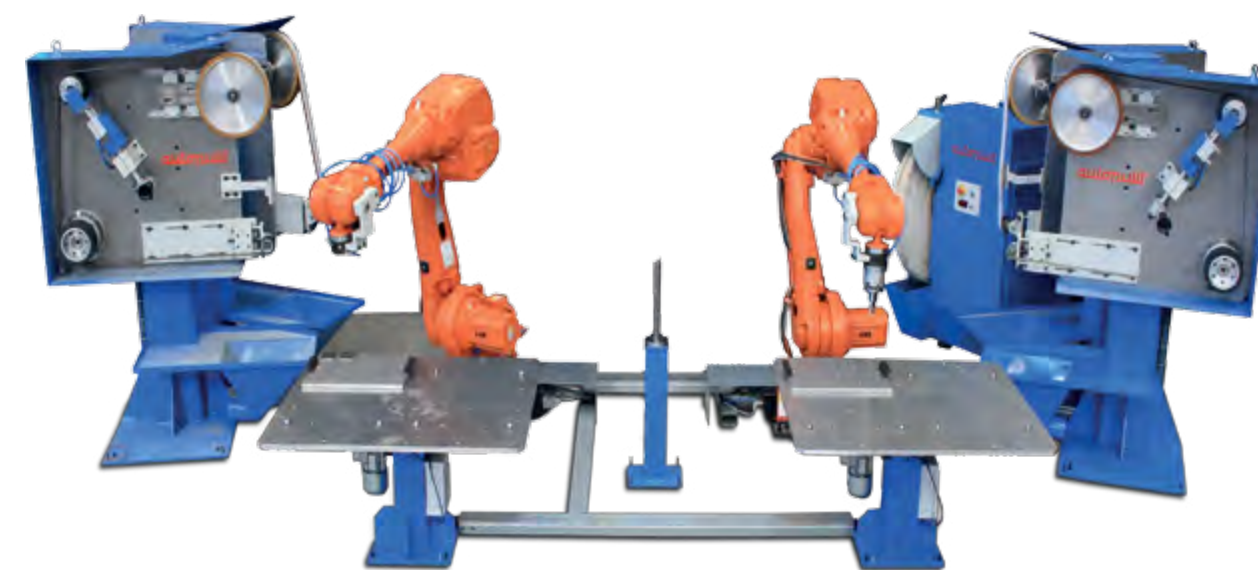
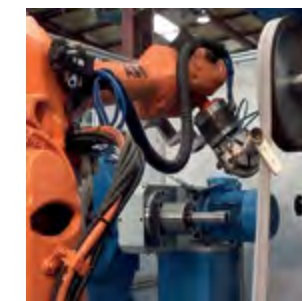
### CR-120/UL

Robotic cell with 1 grinding unit and automatic loading/unloading, for structural elements (doors, etc.) of the automotive sector



### 2 CR-60/2UL+2UL+PDG

Cell composed of 2 robots with 4 grinding units, 1 large buff polishing unit, 2 indexed parts magazine and parts exchanger between the robots

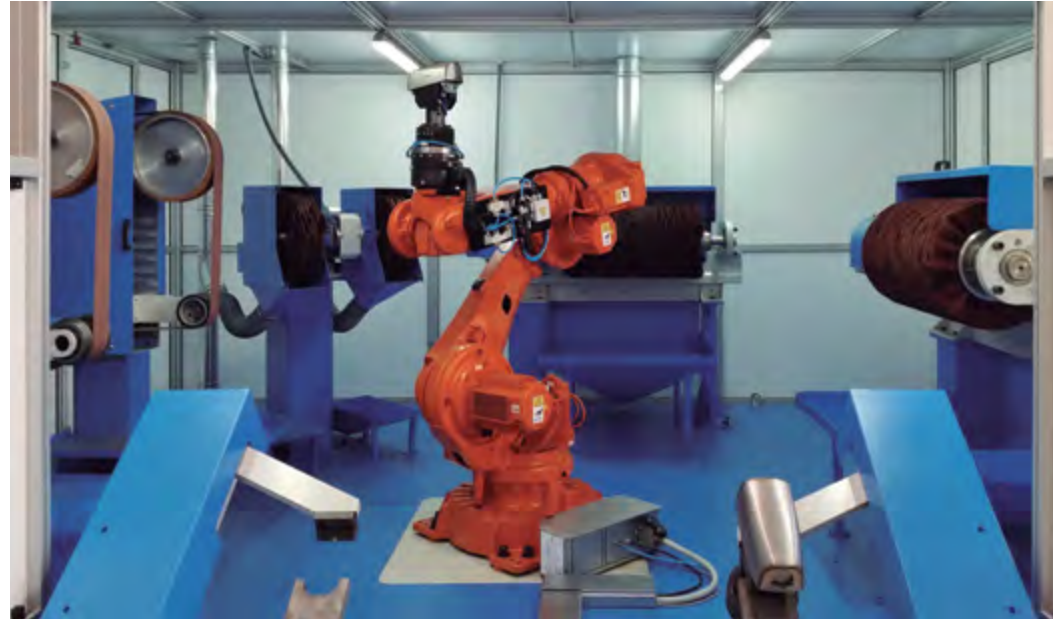




## ROBOTIC CELLS

### CR-150/2UL-100+1UPD-150+2UP-850

Robotic cell with 2 grinding units, 1 double polishing unit and 2 polishing units 850 mm wide for grinding welds and satin finishing of stainless steel parts



## ROBOTIC CELLS

### CR-165/2UP-1250+1UPD

Robotic cell with 3 polishing units and multi-spindles device for the finishing of several parts simultaneously



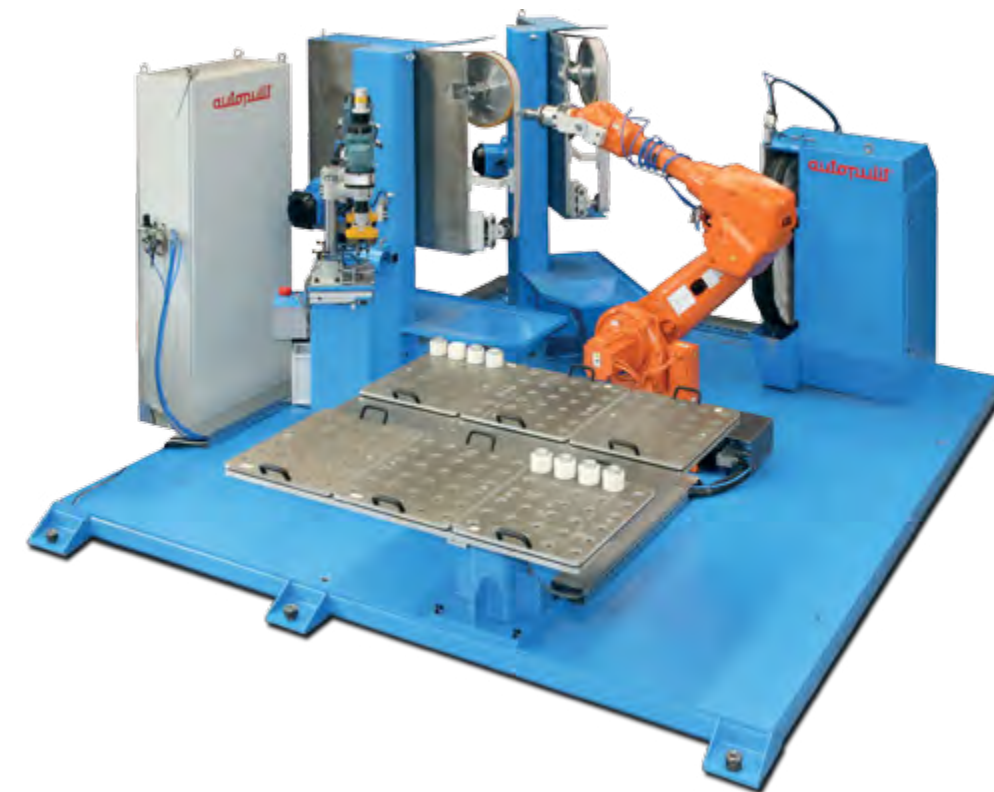
### CR-235/2UP-1250+1UPD

Robotic cell with piece holding multi-spindle of 4 units, 2 loading/unloading garages and 2 polishing units 1250 mm wide



### CR-60/2UL+PDG

Robotic cell with 2 grinding units, 1 large buff polishing unit, 1 drilling and tapping unit and indexed parts' magazine



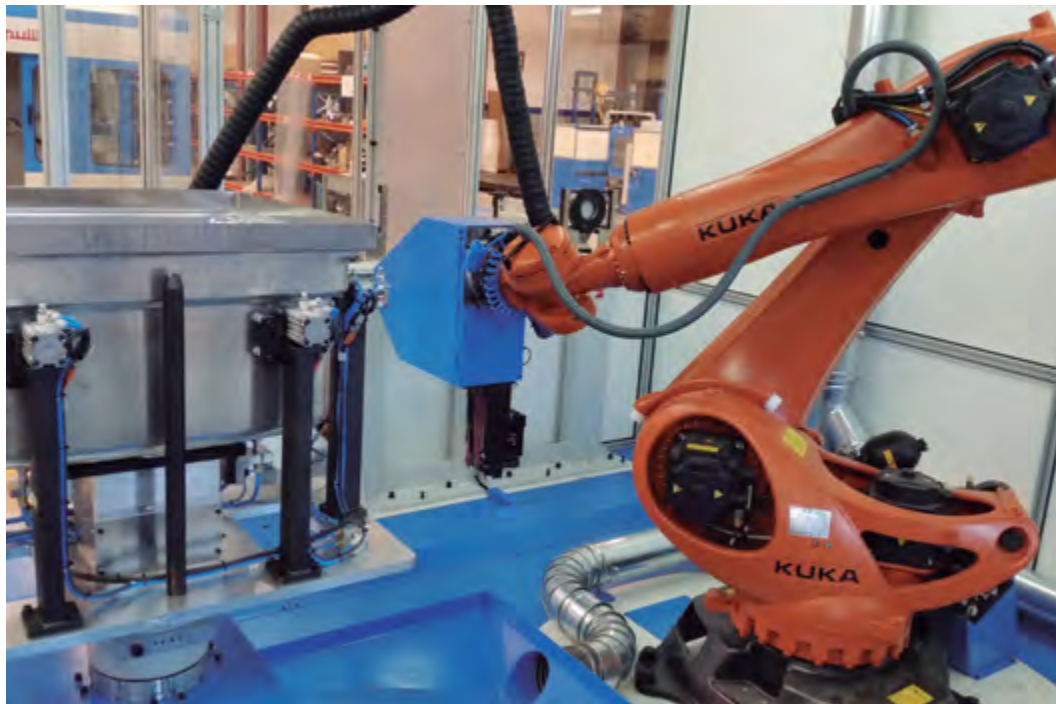


## ROBOTIC CELLS



### CR-210

Robotic cell with tools automatic change and indexed piece holding table for 2 references, for grinding welds and satin finishing of part's body



### CR-60/3UL+1UPD

Robotic cell with 3 grinding units, 1 double polishing unit and high capacity indexed rotation piece holding table, for hinges sector

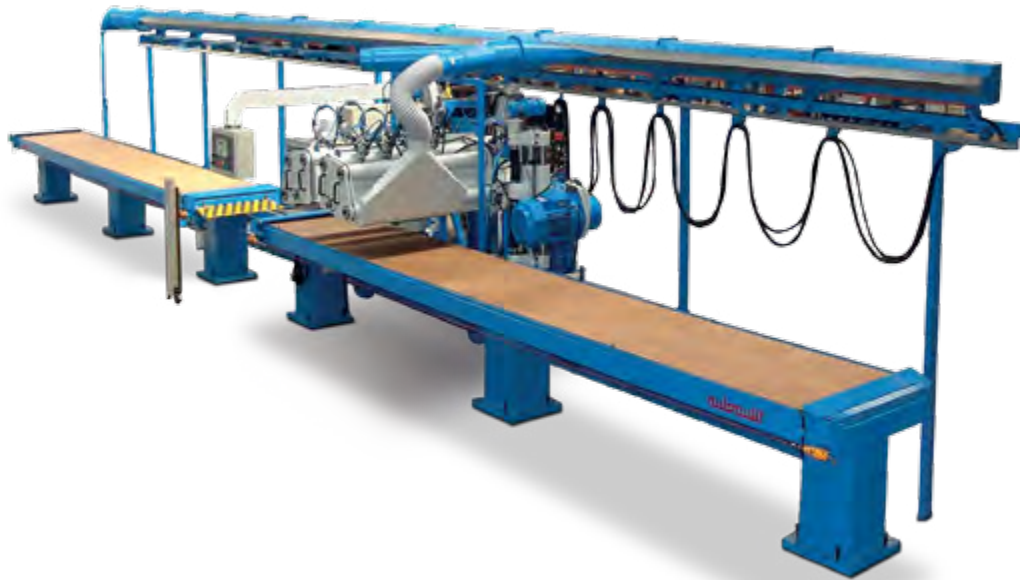


## FLAT POLISHING MACHINES



### CDA-1000X7000/2UP-CP

Polishing machine for metal sheets, profiles and flat parts with 2 mobile working heads and 2 tables



### MA-250x6000/3UP-JSB

Polishing machine for profiles and flat parts with moving table and 3 working heads





## FLAT POLISHING MACHINES



CDA-2000x12000/2UP-CP

Polishing machine for metal sheets, profiles and flat parts with 2 mobile working heads and table 2000mm wide and 12000mm long



## SPECIFIC MACHINES



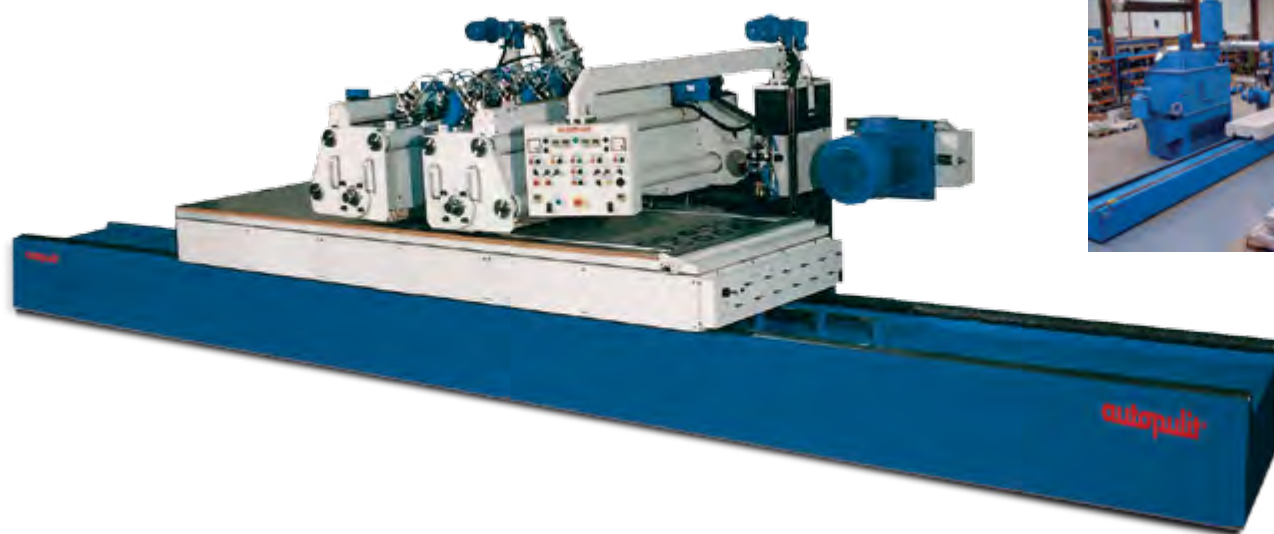
CDP-23000/8UT-E

Gantry type machine with 8 working heads for grinding boxes (metro-train-tram wagons)



PHA-1250X3000/2UP-CP

Polishing machine for metal sheets, profiles and flat parts with moving table and 2 working heads



LCP-4x4UT

Automatic line for the brushing and satin finishing of gas bottles, equipped with 16 working units

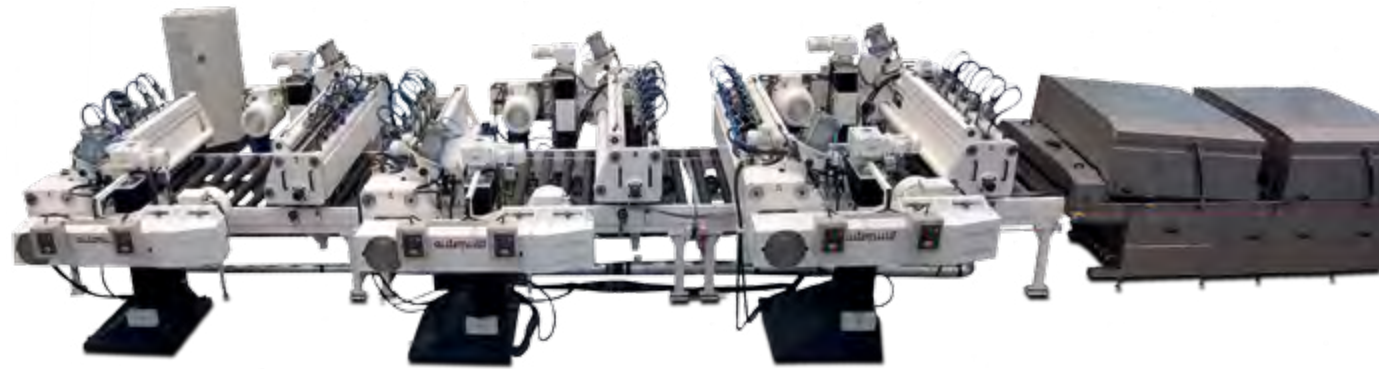
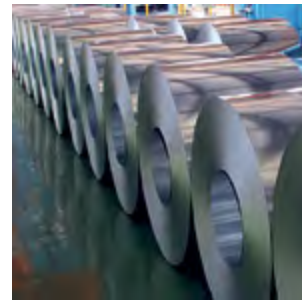




## SPECIFIC MACHINES

### BR-1600/6UP-CP COIL

Coil polishing machine, 1600mm working width, with 6 polishing heads in line with degreasing and drying unit



### CA-200x4000/3UP-CNC

CNC machine with 3 working heads for polishing and microfinishing of hydraulic cylinders before and after chrome plating



## SPECIFIC MACHINES

### SG/4D

Brushing / satin finishing machine with 4 working heads for simultaneous top and bottom profiles finishing



### E4-200/8UT(4T+4B)

8 double working heads automatic line for simultaneous polishing of the 4 faces of square tubes, with input and output table/magazine



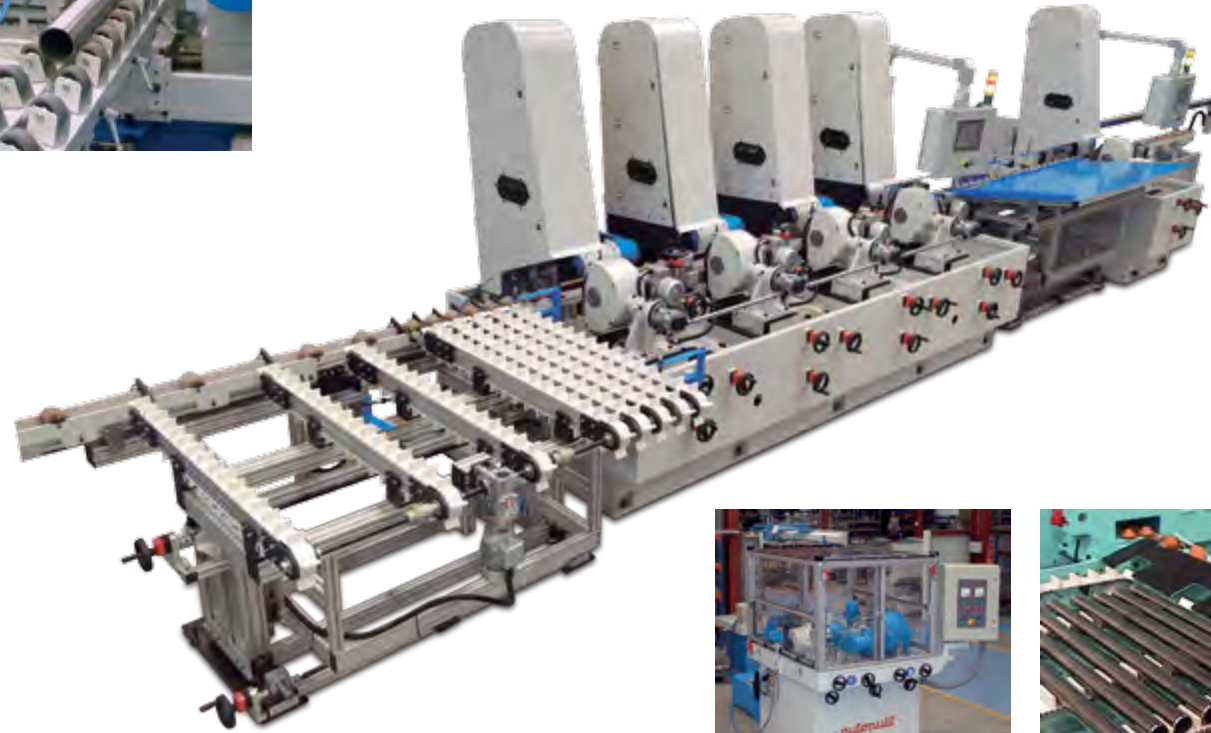


## CENTERLESS MACHINES



### CT-I+CT-IV

Line composed of 2 centerless type machines for the belt grinding of cylindrical weld and finishing of round tubes and bars. The line includes automatic loading and unloading tables



### CT

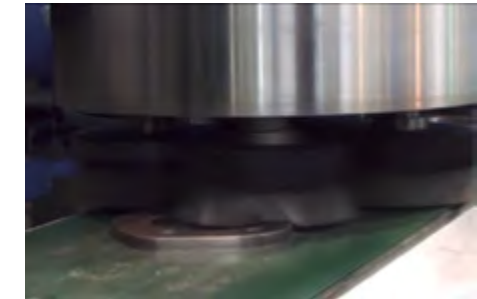
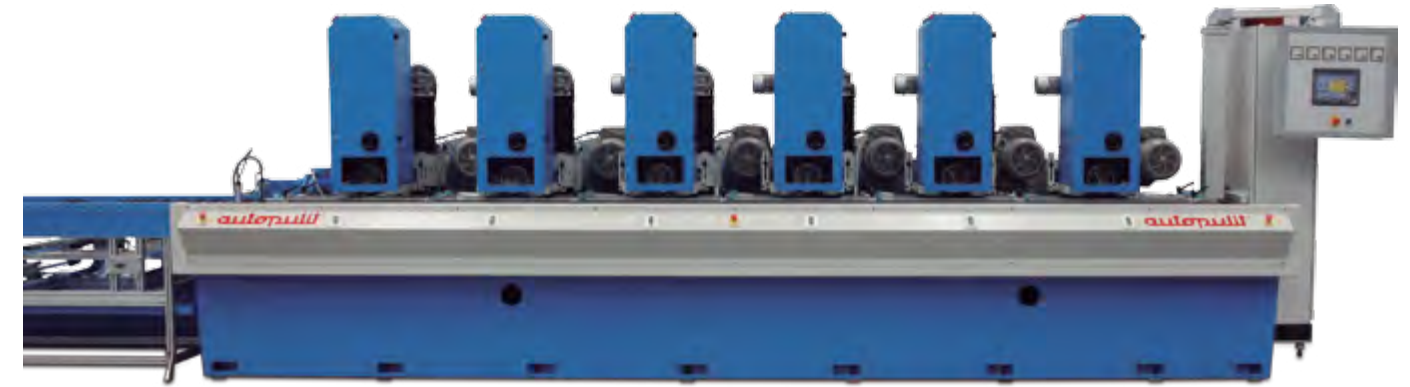
CT type machines with different configurations and loading and unloading systems



## FLAT BELT GRINDING MACHINES

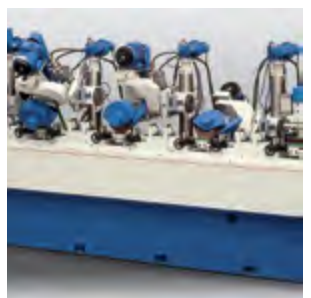
### E4(R)-250/6UT

Belt grinding / polishing machine for flat parts with 6 working heads, including output and return table



### E4-200/2UT+2PL

Belt grinding / deburring machine for flat parts with 2 working heads with abrasive belt and 2 with planetary heads





## ROTARY TRANSFER MACHINES

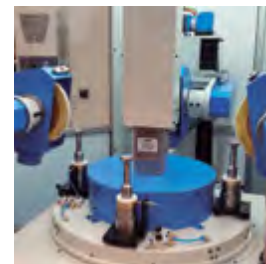
### RCHI-6-2000/5UP

Rotary transfer polishing machine equipped with 4 working heads and 5 piece holding spindles with capacity for 6 parts, for the household sector



### RSB4HI-600/3UT-CN

Monoblock rotary transfer polishing machine equipped with 3 polishing heads, for watches, etc.



## ROTARY TRANSFER MACHINES

### RBHI(H)6-100/4CMG+1CI

Rotary machine for internal finishing of stainless steel or aluminum hollowware



### RHI-2000/3UTD+2UT+1CI

Machine for external polishing and external bottom belt grinding of stainless steel or aluminum hollowware, with 3 double and 3 simple working heads



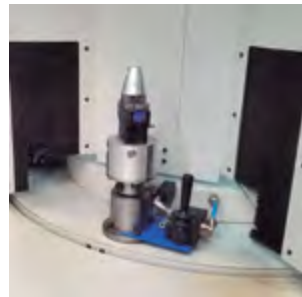


## ROTARY TRANSFER MACHINES



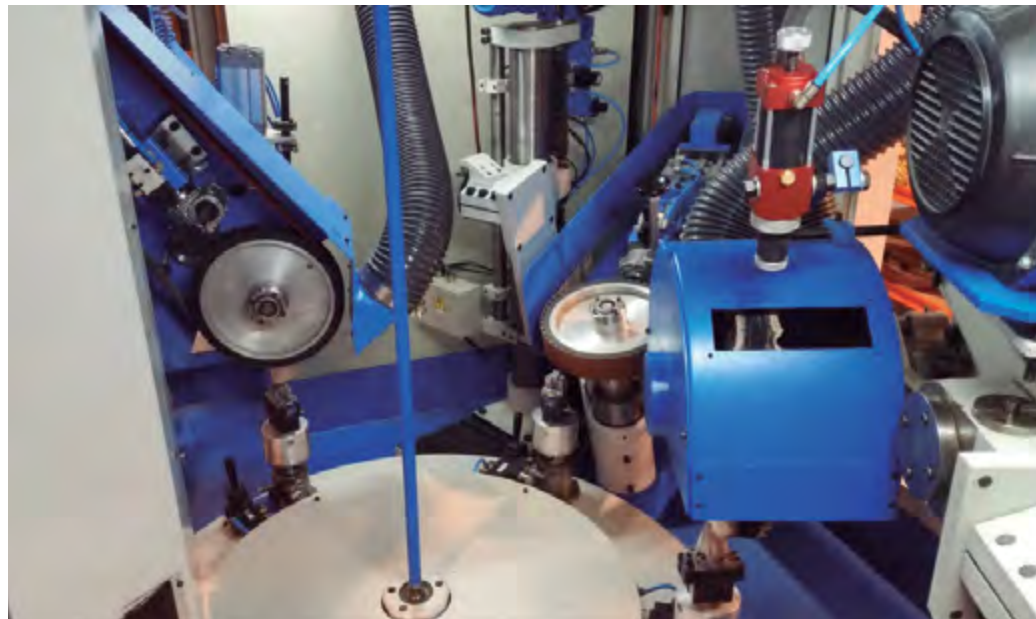
### RSB1/3UP-CNC

CNC machine for the deburring and chamfering of gears for the aerospace sector, with 2 brushing units, 1 chamfering unit and automatic loading/unloading by robot



### RSB5-1000/4UT-JSB

Rotary machine equipped with 2 grinding units and 2 polishing units, for bathroom accessories



## SEMI-AUTOMATIC AND MANUAL MACHINES

### IRM

IRM type machine for internal and external grinding and satin finishing of pots, pans, jars, etc.



### PF

Manual belt grinding and polishing machine



### PDC

Manual polishing machine with 1000mm diameter large buff



### PL-A

Film coating machine for metal sheets



### PFII/2APJ

Polishing machine with 2 piece holders for revolution parts







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