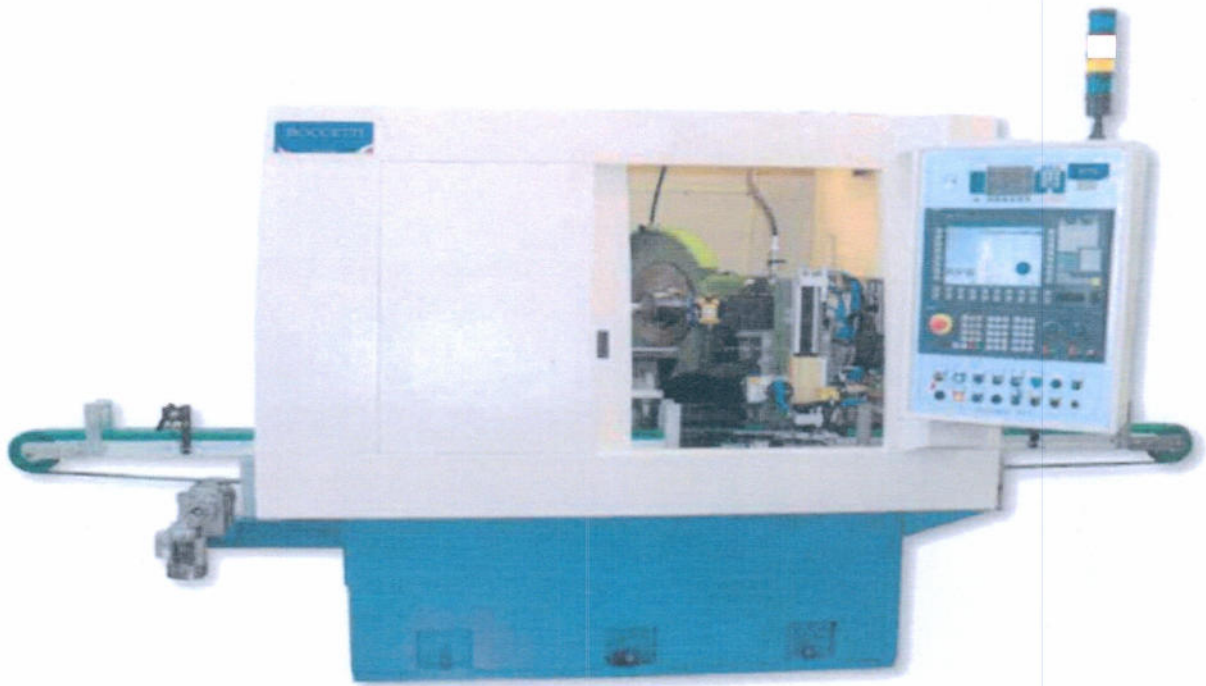




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Codice Fiscale e Partita IVA IT 06006020017 - Iscr. Trib. 4129/90
Cap. sociale € 26.000,00 i.v. - C.C.I.A.A. 752425 - M. TO 019926



Description of Product Supply

Diamond Profile Dressing Wheel

The Diamond Profile Dressing Wheel will have an interpolated axis which will allow the valve profiling to be performed by inputting information into the machine's PC. This will mean that only one type of diamond will be required for the various types of valves to be ground.

Grinding Spindle

OMLAT Electrospindle to assemble grind wheels of 610 x 33mm diameter running at 80 mt/sec Rpm

Max. Rot. Speed 5000/1"

Power Supply 30 KW from n 3000/1" to n 5000/1" in continuous section

Torque Supply 95.5Nm

The dynamic balancer is prepared for use in the front part of the shaft

Permanent grease lubrication, protected by a thermal probe in the event of excessive operating temperatures.

Wheel increase axis

Working angle positioned at 30° compared to the valve stem axis

Wheel motion axis

The function of this axis is to allow the operator to correct or set the measurement of the valve to be worked directly on the machine's PC.

Valve reference

The valve will be taken from a pallet which will move on a string feed system, taken to the head of the worktable, closed with a gripper and the reference will be on the overhead.

This type of reference will be the same for each type of valve to be worked, so machine calibration will be limited to the only gripper change.

Group of collecting and deposit valve

The group of Collecting and Deposit pallet valve and rotation pliers A and B, it will happen through a pneumatic system FESTO.

Base

The base is a stabilized electrowelded structure that bears all the mechanical parts.

Machine guards

The entire machine is contained within guards on the front of which there is a sliding door and an armoured window to protect the staff against breakage of the grinding wheel.

Technical Data

Voltage 380 V Triphase

Frequency 50 Hz

Required Power Approx. 90 Kw

Full Power Current 95 Amps

Air Pressure 5 : 6 bar

Power Unit 14 It

Process Parameters

Valve Length 70 : 200 mm

Head Diameter 22 : 60 mm

Stem Diameter 4,5 : 12 mm

Hourly rate per valve 400 pz/h

Hourly lilt for valves 400 pz/hs

Diameter head 30 and stem diameter 7

With over metal of mm 1 on the head diameter it makes 0,4 on the profile

With exclusions material in league Nickel

The time of diamond doesn't engrave on the production because is realized during the cycle of job piece guaranteeing a CPK 1.67 on an average value of the absolute site of ± 0.07 over a maximum concentricity value of 0.1

Physical Data

Machine Length 2200 mm

Machine Width 1860 mm

Machine Height 2100 mm

Machine Weight 6000 Kg


Group transport 3063-362

Conditioner for electric closet

The guarantee of the machine will have a 12-month and 24 months for FANUC. Validity from the mass in service near final client, that will have to happen not over 1 month from the delivery.

Excluded from the supply

All items not expressly mentioned are excluded from the supply

MARTE  s.r.l.
