

Code	MMB019
Brand	MORBIDELLI
Model	AUTHOR 600 L

CNC WORKING CENTRE FOR BORING ROUTING

GENERAL SPECIFICATIONS

- ▶ **Industrial machine with heavy-duty structure**
- ▶ Working area axes "X", "Y" axes: 5300 mm - 1500 mm
- ▶ Stroke axes "X", "Y": 6040 mm - 1775 mm
- ▶ Stroke axis "Z": 280 mm

SUPPORTING AREA OF THE PANEL

- ▶ Working areas
- ▶ Nr. 10 movable work tables to support the panels - approx lenght each 1500 mm
- ▶ Suction cups for each work table with vacuum system for the locking of the working piece
- ▶ **Facilitated loading device through pneumatic bars assembled on the work tables that lift the pieces**
- ▶ Activation of Vacuum system, backstops and loading bars has made by a single button activating by knees.
- ▶ **Laser unit that allows to position quickly and precisely each suction cup on the work table**
- ▶ Nr. 1 vacuum pump 250 m3/h

BORING UNITS

- ▶ Nr. 11 independent spindles for vertical boring in "X" direction
- ▶ No. 7 independent spindles for vertical boring in "Y" direction
- ▶ No. 4 spindles for horizontal boring in "X" direction
- ▶ Nr. 2 spindles for horizontal boring in "Y" direction

ROUTING UNITS

- ▶ Nr. 1 electro-spindle in vertical position - **automatic change of the tool - "C" VECTOR AXIS that allows to turn and 360° angle drive heads with rotation regulation in automatic by numerical control** - motor power HSK63 15 HP

TOOL CHANGER MAGAZINE

- ▶ Tool changer magazine installed on machining head with nr. 14 positions RAPID 14

CONTROL OF THE MACHINE AND ACCESSORIES

- ▶ **Control and program system** PC + XILOG with the following features: - **screen colour** - **CD-ROM reader** - floppy disk reader - keyboard
- ▶ **Control of axes "X" - "Y" - "Z" - "C" VECTOR**
- ▶ Command board installed on a separated electrical cabinet to control the machine
- ▶ Separated electrical cabinet

NORM AND OPTIONAL FOR THE SECURITY

- ▶ **Security norme CE mark**
- ▶ Protection and sound-proof enclosure of the working units with safety sensors
- ▶ Protection grids installed on the machine
- ▶ **Automatic system to out-put the wood wastes**

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A



B



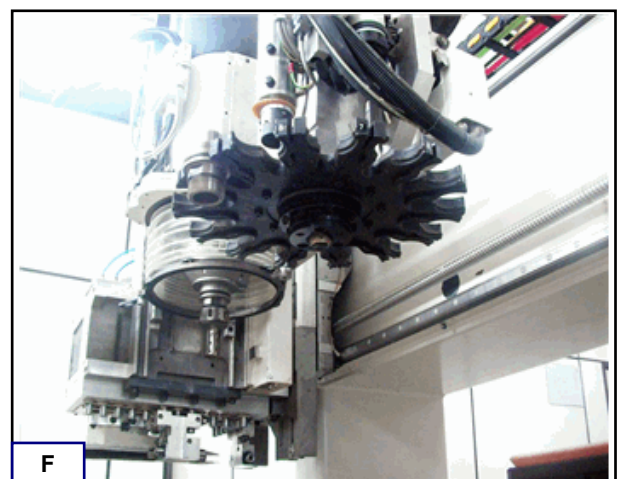
C



D

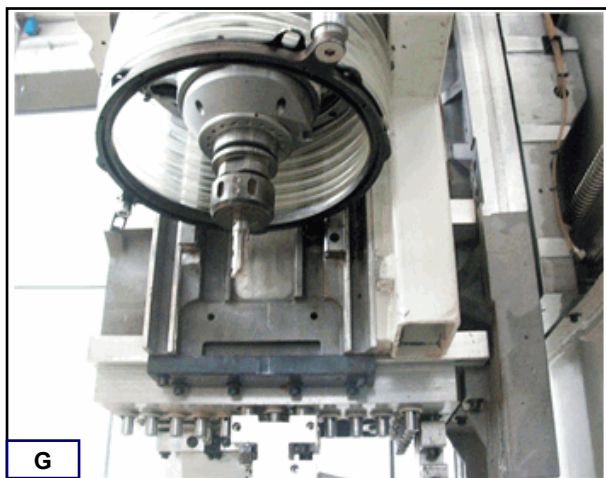


E



F

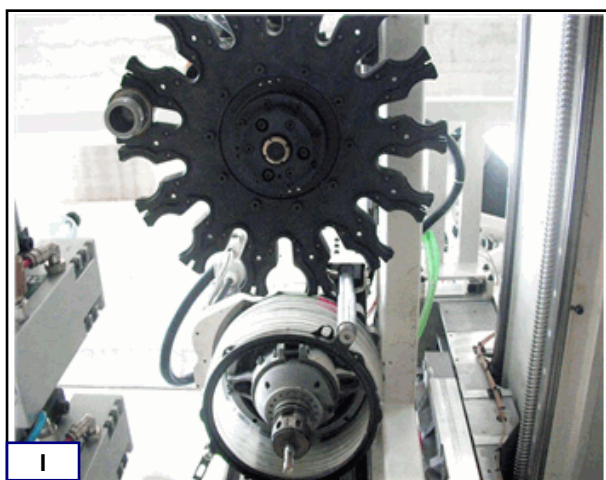
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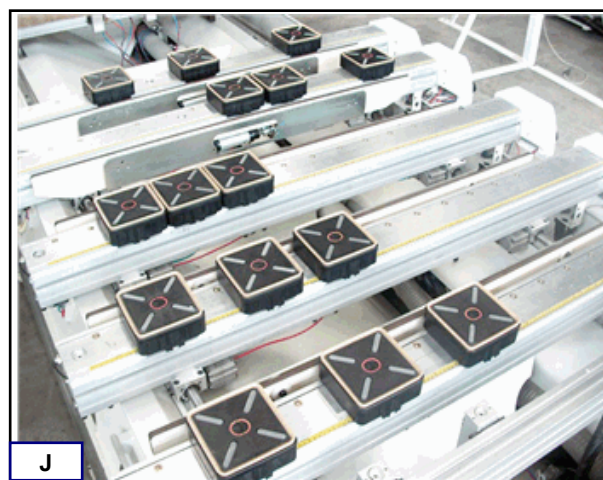
G



H



I



J



K



L