



Code	LMB001
Brand	MORBIDELLI
Model	AUTHOR X5

CNC WORKING CENTRE FOR BORING ROUTING GENERAL SPECIFICATIONS

- ▶ **Industrial machine with heavy-duty structure**
- ▶ Working area axes "X", "Y" axes: 4400 mm - 1300 mm
- ▶ Stroke axes "X", "Y": 4895 mm - 1465 mm
- ▶ Stroke axis "Z": 400 mm
- ▶ Travel speed axes "X", "Y": 80 m/min - 40 m/min
- ▶ Linear speed axis "Z": 22.5 m/min

SUPPORTING AREA OF THE PANEL

- ▶ Working areas
- ▶ Nr. 8 movable work tables to support the panels - approx length each 1300 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**
- ▶ **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. 7 independent spindles for vertical boring in "X" direction
- ▶ No. 5 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 - **The working unit of the 5 axes router** allows to work in continuously by 360 degrees, increasing speed and productivity. This unit combined to the standard group avoid the use of aggregates and makes possible all type of difficult works. - **liquid cooling system** - motor power HSK 63 15 HP

TOOL CHANGER MAGAZINE

- ▶ Rear tool changer magazine with nr. 12 positions

CONTROL OF THE MACHINE AND ACCESSORIES

- ▶ **Control and program system** XILOG PLUS with the following features: - **pc - screen colour - CD-ROM reader** - keyboard
- ▶ **Control of axes "X" - "Y" - "Z" - 5th AXE**
- ▶ Command board installed on a separated electrical cabinet to control the machine
- ▶ Separated electrical cabinet

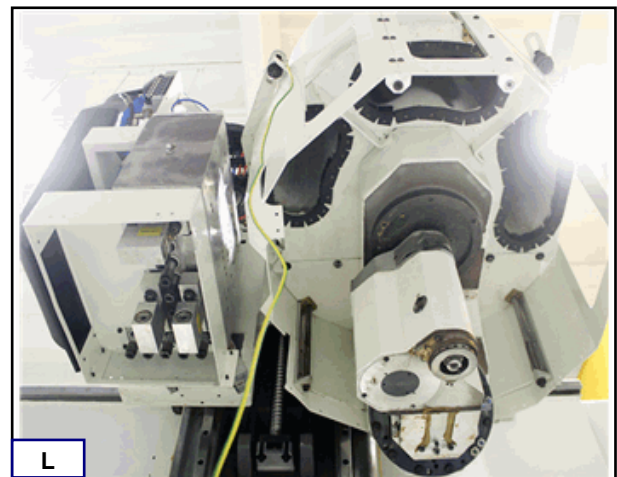
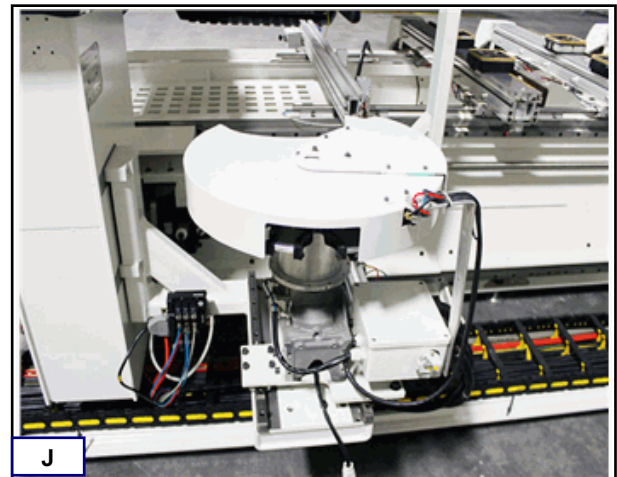
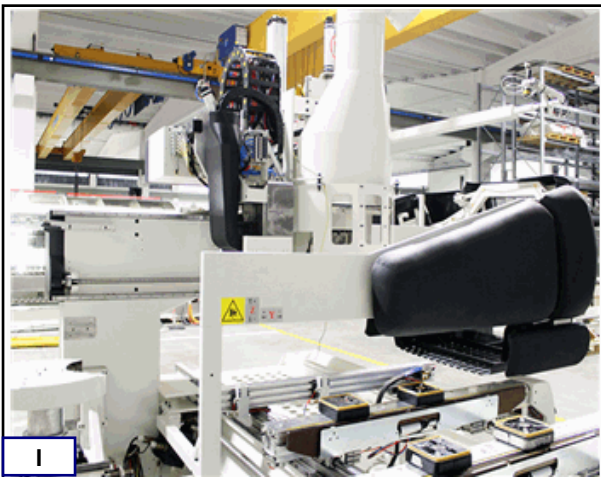
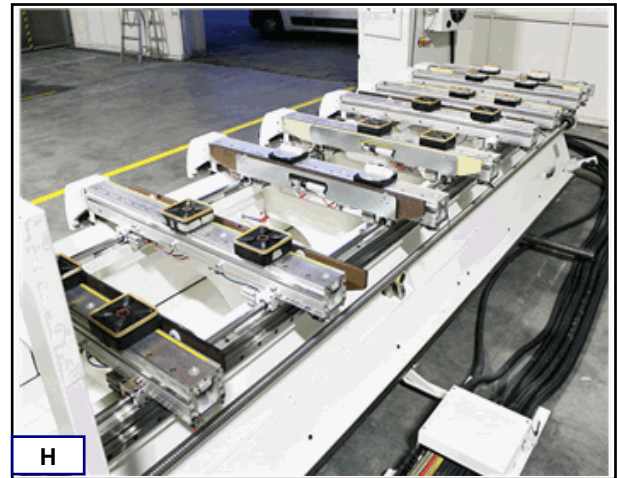
NORM AND OPTIONAL FOR THE SECURITY

- ▶ **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**

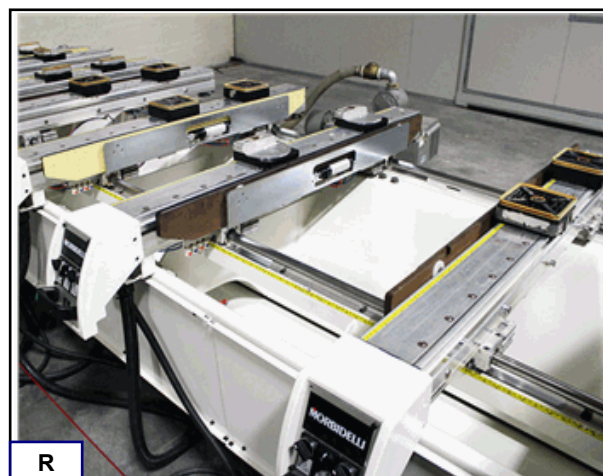
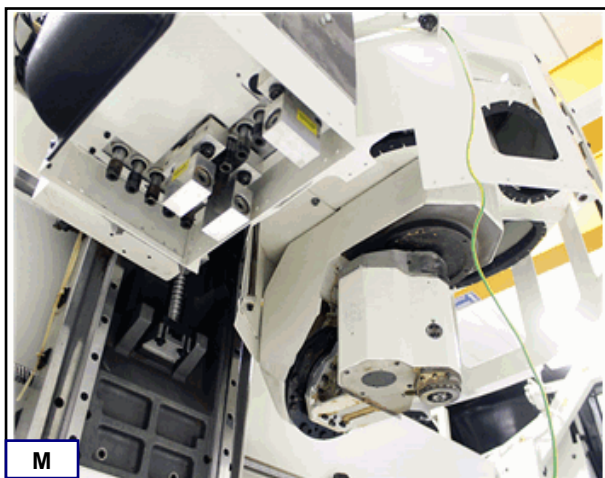
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