



<b>Code</b>	MMB032
<b>Brand</b>	WEEKE
<b>Model</b>	VENTURE 5

## CNC WORKING CENTRE FOR BORING ROUTING GENERAL SPECIFICATIONS

- ▶ **Industrial machine with heavy-duty structure**
- ▶ Working area axes "X", "Y" axes: 3250 mm - 1300 mm
- ▶ Stroke axes "X", "Y": 4000 mm - 1670 mm
- ▶ Stroke axis "Z": 370 mm
- ▶ Travel speed axes "X", "Y": 80 m/min - 60 m/min
- ▶ Linear speed axis "Z": 20 m/min

### SUPPORTING AREA OF THE PANEL

- ▶ Nr. 6 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 100 m<sup>3</sup>/h

### BORING UNITS

- ▶ Nr. 1 **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 - **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 - liquid cooling system -** motor power 12 KW - HSK F63 ( 12000/24000 RPM)

### OTHER WORKING UNITS

- ▶ Nr. integrated saw unit - tool diameter 125 mm

### TOOL CHANGER MAGAZINE

- ▶ Rear tool changer magazine with nr. 8 positions
- ▶ Tool changer magazine installed on machining head with nr. 8 positions
- ▶ **Total positions to change the tools: 16**

### CONTROL OF THE MACHINE AND ACCESSORIES

- ▶ **Control and program system** POWER CONTROL PC SYSTEM+WOODWOP 5.0 with the following features: - pc - screen colour - CD-ROM 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
- ▶ Front safety carpets

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► Total installed power 22 KW

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A



B



C