

## MILLING MACHINE MOVABLE COLUMN LAZZATI MOD.HB 2T CNC UNIT SELCA 4045



The HB 2T boring mill is a horizontal machining center and vertical axis work center designed by LAZZATI to work the 5 faces of a piece automatically with CNC control.

All milling, boring, drilling, sifting and tapping operations can be performed with the most rational parameters and with automatic replacement of the related tools.

A peculiar characteristic of the HB 2T boring mill series is that of having a rotary table and CNC rotating heads for horizontal and vertical machining.

The possibility of performing the complete machining of a piece without displacing it allows for savings on downtime which is, in most cases, over 50% of the total machining time.

## TECHNICAL CHARACTERISTICS

### TRAVEL

● Z-axis travel (head axial)	mm.	950
● Y-axis travel (head vertical)	mm.	1200
● X-axis travel (cross table)	mm.	3000
● W-axis stroke (longitudinal column)	mm.	800
● dimensions of the rotary table (B-axis)	mm.	1100x1100
● max load permitted on the table	Kg.	4000

### AUTOMATIC HEAD

● spindle nose	ISO	50
● spindle speed	rpm	5-2000
● head rotation in space	degree	360°
● automatic positioning on the two joints	degree	1° x 3°

### FEEDS

● working feed	mm/min	5-5000
● rapid feed	mm/min	10000

### GENERAL DATA

● spindle motor power	KW	15
● Z-Y-X-W-B axis motor power	KW	6
● floor space	mm.	5700x5700
● height machine	mm.	3900
● weight machine	Kg.	16000

## **STANDARD ACCESSORIES**

- CNC Unit SELCA 4045
- Automatic 2-axis head divisions on the two joints every  $1^\circ \times 3^\circ$
- Chip conveyor
- Oil Cooling System
- Centralized automatic lubrication system
- Thermostabilized spindle line control
- Automatic gear box at 4 speeds
- Coolant system
- Operator and maintenance manuals
- CNC manuals
- Year of construction 1989