

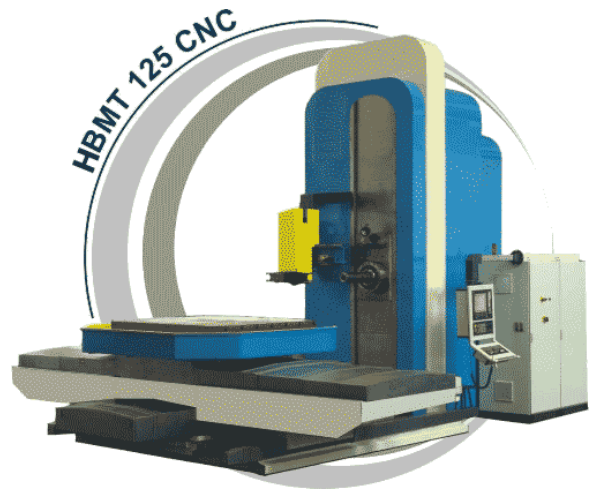
# **HORIZONTAL BORING & MILLING MACHINE**

## **HBMT 125 SERIES**

### **TABLE TYPE**

#### STANDARD FEATURES

- Massive cast iron components
- Hardened and ground guideways (steel inserts)
- Counterways lined with anti-friction material, roller packs for X and Z axes, and Y-axis lateral guidance of headstock
- Double wall column design
- Electrically shifted, two range planetary gearbox for spindle drive
- Nitrided boring spindle
- Double pinion backlash free table drive
- Ball screws (X, Y, Z, W)
- HEIDENHAIN linear scales (X, Y, Z, W)
- HEIDENHAIN rotary encoders (B, C)
- Hydraulic clamping for B-axis
- Power tool clamping
- Automatic lubrication system
- REXROTH/PARKER/ATOS hydraulic components
- SIEMENS AC servo motors, PLC and electrics
- SIEMENS SINUMERIK 840D sl



TECHNICAL SPECIFICATIONS

<b>TABLE</b>	<b>UNITS</b>	<b>HBMT 125 CNC</b>
Spindle Diameter	mm	125 4.9
Spindle Taper	ISO CAT	50 50
Spindle Motor	kW HP	37 50
Spindle Speed	rpm	5-3000 (continuous)
X-axis travel	mm in	2500 98.4
Y-axis travel	mm in	1950 76.8
Z-axis travel	mm in	1800 70.9
W-axis travel	mm in	800 31.5
Rotary table	mm/min in/min	1600×1800 63×71
Table load capacity	kg lb	10,000 22,000
Feeds X,Y,Z	rpm	6-12,000 0.24-472
W	mm/min in/min	6-6000 0.24-236
B	rpm	0.025-2.5