

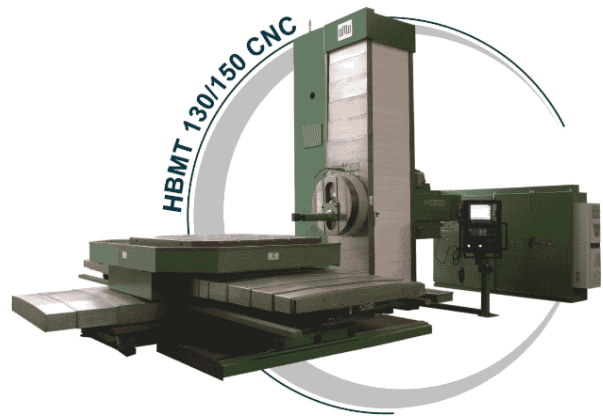
# **HORIZONTAL BORING & MILLING MACHINE**

## **HBMT 130/150 SERIES**

### **TABLE TYPE**

#### STANDARD FEATURES

- Massive cast iron components
- Hardened and ground box guideways (steel inserts)
- Counterways lined with anti-friction material
- Double wall column design
- Electrically shifted, 2-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 and 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 130/150 CNC</b>
Spindle Diameter	mm	130/150 5.1/5.9
Spindle Taper	ISO CAT	50 50
Spindle Motor	kW HP	37/51 50/68
Spindle Speed	rpm	5-3000 (continuous)
X-axis travel	mm in	3000 118
Y-axis travel	mm in	2500 98.4
Z-axis travel	mm in	1800 70.9
W-axis travel	mm in	1000 39.4
Rotary table	mm/min in/min	1750×2000 69×78.7
Table load capacity	kg lb	12,000 26,400
Feeds X,Y,Z	mm/min in/min	6-12,000 0.24-472
W	mm/min in/min	6-6000 0.24-236
B	rpm	0.025-2.5