

Sorry the machine has been sold already!

stock-no.:	0208006
type of machine:	Machining Center - Universal
make:	Reichenbacher Hamuel
type:	ECO-NT 3610-1K - 5 Achsen
year of manufacture:	2008
type of control:	CNC
country of origin:	Germany
storage location:	Leipzig 5
delivery time:	immediately
freight basis:	EXW, free on truck unpacked
price:	on request



technical details

x-travel:	4140 mm
y-travel:	1540 mm
z-travel:	1000 mm
b-axis:	+/- 135° °
c-axis:	+/- 360°
control:	Siemens 840D Solution Line
spindle speed::	3200 ... 59500 U/min
rated capacity:	Spindel: 4,6 KW
tool taper:	HSK 32 DIN 69893 (Form F)
tool changer with:	für 8 tools (Magazinteller) places
no. of tables:	2 Stück
Table dimensions:	links: B.1300 x H:1000 mm
table-size:	rechts: B:1300 x H:600 mm
distance spindle /table:	943 mm
table load capacity:	1 000 / pro table kg
feed speed:	X+Y: 80 m/min.
feed speed:	Z: 40 m/min.
feed speed:	B: max. 360 °/sec.
feed speed:	C: max. 360 °/sec
feed speed:	V: Door open: 50 m/min.
feed speed:	V: Door closed: 100 m/min.
operating hours - idle run:	keine Angaben möglich h
Total power requirement:	ca. 26 kW kW
Weight approx.:	10,0 t
dimension machine approx.LxWxH:	7,5 x 3,1 x 2,5 m

additional information

5-Axis - high speed



A numerically controlled machining center - universal - 5 axis for machining of wood, aluminium and plastic parts. (5-Axis Machining Center)

- It is designed as a router and enables fully automatic milling, remilling and profile milling.
- The portal is fixed. The tools carry out all feed movements in X, Y and Z direction to the workpiece, which is fixed in the space axis (see graphic pictures of machine).
- The machine table, portal and carriage are self-supporting welded constructions.
- The machine table is loaded from the front side of the machine.
- The table division is arranged with two variable work stations.

Further features:

- B-axis: $\pm 135^\circ$ (rotation around the Y-axis at C=0)
- C axis: x-y plane = $\pm 360^\circ$ (rotary movement about the z axis) AND $\pm 360^\circ$ (rotary movement of the tool magazine)
- High frequency spindle water cooling with cooling unit
- automatic clamping system with mechanical tool clamping
- Simultaneous graphic control (operating system Windows XP Pro EmbSys) USB interface

Equipment:

- 2 worktables (total working range B:5300 x H:1100mm)
- Infrared Button Renishaw
- Vacuum pump manufacturer BECKER, capacity 162 m³/h
- Pressure accumulator (connection 6- 10bar)
- Cooling unit manufacturer Rittal type SK 3336.089

i.D.