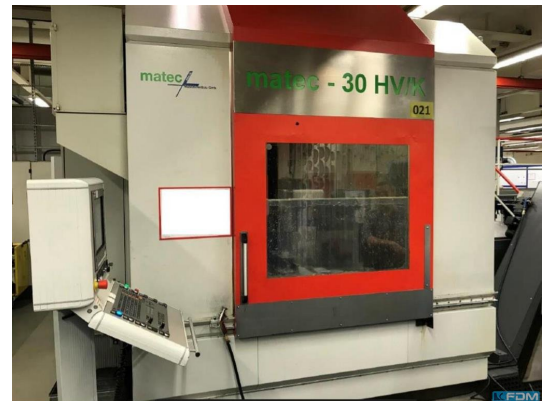


## Machining Center - Vertical

Stock number:	1118-1575
Type of machinery:	Machining Center - Vertical
Manufacturer:	MATEC
Type:	30 HV/K
Year:	2007
Control unit:	CNC
Maker of control unit:	HEIDENHAIN iTNC530
Country of origin:	Germany
Item location:	EXW Kleinostheim
Delivery time:	short-term
Freight basis:	EXW



### Seller

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### Technical specs

x-travel:	1.300 mm
y-travel:	600 mm
z-travel:	800 mm
NC-rotary table:	630 diam./mm
max. torque S1/S4:	270/600 Nm
max. Speed:	80 min-1
embedded in the machine table:	HSK 63
:	1.515x635 mm
power on torquemotor:	—
rotary table directly connected to motor flange:	—
milling head::	—
travel:	+/-105°
max. torque:	800 Nm
max. Speed:	50 min-1
pitch accuracy:	0,001 °
milling spindle:	—
power:	30 kW
max. torque:	800 Nm
max. Speed:	15.000 min-1
tool taper :	HSK 63
max. boring diameter:	diam. ca. 60 mm
Max. Milling-capacity:	ca. 500 cm³
threading:	M 30
temperature controlled liquid cooling:	—
feed, rapid traverse:	—
feed range for X-, Y-, Z- axis:	1-30.000 mm/min
max. feed force X-, Y-, Z-axis:	15.000 N
max. rapid rate X,Y,Z - axis:	30 m/min
rapid feed C-axis (NC-rotary table):	80 U/min
tool magazine, tool changer:	—

## Machining Center - Vertical

number of places each cassett:	46
tool taper:	HSK 63
DIN:	69893/form A
Dimensions ca.:	5,3 x 4,4 x 3,4 mm
machine weight ab.:	9.500 kg
Total weight, approx.:	11.500 kg

### Description

#### Equipment & Accessories

- Fully encapsulated working area with openable roof
- direct measuring system in all axes
- chip conveyor
- rinsing gun
- working light
- increased motor power
- electronic handwheel
- Internal coolant through spindle
- coolant equipment manufacturer Mayfran consists of coolant tank 600l, filtration unit, rinsing gun, high pressure pump 20l/min at 70bar, pressure relief valve, switch box for control unit
- compressed air at the outer nozzles
- Internal coolant compressed air through the tool
- Oil mist extraction system
- Electrostatic air filter, vertical, with motor and blower, air capacity approx. 1.000 m<sup>3</sup>/h, total power 300W
- 3D-measuring probe with radio signal transmission
- hydraulic unit 400bar
- pneumatic connection with maintenance unit

The vertical machining center Matec 30HV/K in performance class HSK-A 63 is equipped with a Heidenhain iTNC530 control. The short version of this vertical center has a swivelling spindle head and a rotary table with a diameter of 630 mm integrated into the worktable. The selected axis arrangement therefore permits full 5-sided machining. The reinforced main spindle with a drive power of 30 kW and the tool changing system with 46 seats round off the top end of the performance package.