

## Machine

Inventory N° **15632**  
Description Vertical machining center

Brand **KERN**  
Model **EVO**  
Serial No **670**  
Year **2008**



## Heading

Control	Heidenhein iTNC
Number of axis total	5
Travel speed	0.01 - 16'000 mm/min
Acceleration	8 m/s <sup>2</sup>
Longitudinal traverse (x-axis)	300 mm
Cross traverse (y-axis)	280 mm
Vertical travel (z axis)	250 mm
Resolution	0.1 µm
Positioning precision +/-	+/- 0.5 µm

### Tool changer:

Turret number of tools	32
Time of tool changing	~ 3 s
Arbors	HSK-E25
Tool lenght max.	105 mm
Tool diameter max.	50 mm

### Spindle

Spindle speed	500-50'000 t/min
Milling spindle diameter	80 mm
Torque	1.5 Nm
Spindle motor	6.4 kW

### Dividing

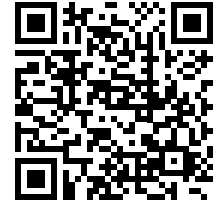
A-axis	
Total stroke	-20 / 110 °
Axe b	
Peripheral speed	800 tr/min

### Power supply

Operating voltage	3x 400 VAC
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HD pictures and videos on request.

All data such as technical specifications, weight, dimensions, illustrations are indicative and subject to change without notice.



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### Air consumption

Air pressure	6.5 - 8 bar
Air consumption about	160 l/min

### Over-all dimensions

Over-all-dimension (length-width-height)	2850x2901x3147 mm
Machine's weight	3200 kg
Weight total installation approx.	4000 kg

### Number hours

Number hours (working process)	14724 h
Number hours (under power)	34823 h
Number hours (milling)	3747 h

### Accessories

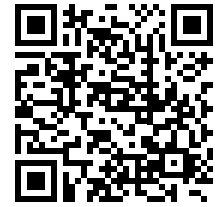
None

### Pictures



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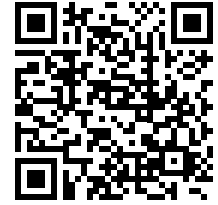


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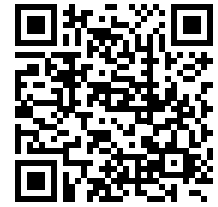


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