

## Machining Center - Horizontal

Stock number:	1118-1619
Type of machinery:	Machining Center - Horizontal
Manufacturer:	STARRAG-HECKERT
Type:	HEC 800 ATHLETIC
Year:	2009
Control unit:	CNC
Maker of control unit:	FANUC Series 31i Model A5
Country of origin:	Germany
Item location:	FCA
Delivery time:	promptly
Freight basis:	ex location



### Seller

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### techn. Details

x-travel:	1450 mm
y-travel:	1300 mm
z-travel:	1300 mm
control:	FANUC Series 31i Model A5
NC rotary table:	360 °
Max Workpiece size (Ø x height) :	Ø 1.750 x 1.400 mm
max. table load:	2.000 kg
pallet size::	800 x 1.000
numbers of pallets:	2
feed range in X-Y-Z-axis:	1-60.000 mm/min
Feed force in X-Y-Z axis :	20/18/20 kN
Rapid traverse rate in X-Y-Z axis:	60 m/min
Rapid traverse B axis (NC - rotary table):	60 m/min
main spindle :	-
spindle diameter in front bearing:	100 mm
Max. Power, ED 100/60%:	37/45 kW
Max. Torque, ED 100/60%:	1.230/1.500 Nm
spindle speeds::	6.000 - 2 Getriebestufen min-1
tool taper:	HSK-A 100 DIN 69893
tool magazine, tool changer:	-
number of tools:	180 in 3 Türmen
max. tool diameter Ø:	110 mm Nebenplatz belegt mm
max. tool diameter:	250 mm Nebenplatz frei mm
weight of tools max.:	35 kg
tool length - max.:	450/ 800 mm
Tool weight max.:	600 kg
Chip-to-chip time up to 12kg / over 12kg:	ca. 5,0 /ca. 8,2 sec

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change time of pallets:	20 sec
coolant device:	-
Cooling lubricant unit with filter, two circuits:	-
Low pressure circuit supports coolant via outer spindle ring :	- l/min
Low pressure circuit:	ca. 2,5 bar - ca. 125 l/min
Internal cooling through the spindle centre:	ca. 80 bar - ca. 30 l/min
dimensions of the machine ca.:	8,2 x 6,0 x 4,6 m
weight of the machine ca.:	31 t

## Description

### Equipment, Accessories

- 2-fold pallet changer without working space protection
- 3 separate set-up stations with threaded hole pallets 800 x 1,000 mm
- Tool magazine with 165 places HSK-A 100, own operating terminal on the magazine side, make SIEMENS
- NC rotary table, increment 0.001
- Main spindle 6,000 min<sup>-1</sup>, 2 gear steps
- 3D measuring probe make RENISHAW
- Electronic handwheel
- Machine enclosure with completely closed working area
- Chip conveyor, ejection under floor
  
- Program running hours approx. 18,200 h