



Inventory number: 21375

5-axis machining center
MIKRON HSM 400 U
HEIDENHAIN iTNC 530
2008



Technical data

| | |
|------------------------------|---------------|
| Time under power | 72311 Hour |
| Operating time | 57489 Hour |
| Working time | 56279 Hour |
| Spindle run time | 24040 Hour |
| Number of axis simultaneous | 5 |
| Rotary table:diameter | 250 mm |
| Number of spindles | 1 |
| Table load max. | 25 kg |
| Longitudinal travel (X-axis) | 400 mm |
| Transversal travel (y-axis) | 240 mm |
| Vertical travel (z axis) | 350 mm |
| B axis swivelling range | +/-110 ° |
| C axis | 360 ° |
| Table speed | 250 rpm |
| Clamping torque C-axis | 500 Nm |
| Torque max. | 217 Nm |
| Pallets changing device: | EROWA ITS 148 |
| numbers | 20 |
| Diameter | 160 mm |
| Tool changer: | |
| Number of tools | 68 |
| Tool diameter max. | 65 / 30 mm |

| | |
|--------------------------------------|--------------|
| Tool length | 155 / 100 mm |
| Spindle nose: HSK | E40 |
| Spindle speeds: | |
| stepless | |
| from | 100 rpm |
| up to | 42000 rpm |
| Work feed rate | 1 - 40 m/min |
| Rapid traverse: | 42 m/min |
| Air connect | 6 bar |
| Voltage 50 Hz 3x | 400 Volt |
| Spindle power | 12 / 10 kW |
| Torque max. | 8.8 / 6.5 Nm |
| Total power required | 15 kW |
| Noise level | 75 dB (A) |
| Machine's weight about | 5500 kg |
| Overall dimensions machine: | |
| Length | 2900 mm |
| Width | 2400 mm |
| Height | 2700 mm |
| Various accessories: | |
| Direct measuring system | |
| Set of toolholders | |
| Set of shrink tool holders | |
| Set of collets | |
| Coolant system | 150 l |
| Water cooler | BURN |
| Infrared measuring sensor | m&h |
| Laser tool setting system | |
| Tool blow-off device | |
| Handwheel electroinic | |
| Set of milling cutters | |
| Lamp | |
| Centering divice with dial indicator | |
| Blow gun | |
| Interface Ethernet | |
| Interface USB | |
| Automatic central lubrication | |
| Fire extinguishing system | |
| Switch cabinet Air conditioner | |
| Status light | |























