



Inventory number: 23084

Machining center horizontal with FMS
OKK HM-63
FANUC Series 16i-MC
2000



Technical data

| | |
|-------------------------------------|----------------------|
| Number of axis total | 4 |
| Table length | 630 mm |
| Table width | 630 mm |
| Table load max. | 1200 kg |
| Longitudinal travel (X-axis) | 1000 mm |
| Transversal travel (y-axis) | 820 mm |
| Vertical travel (z axis) | 850 mm |
| Pallets chancing device: | |
| numbers | |
| Length | 630 mm |
| Width | 630 mm |
| Tool changer: | |
| Number of tools | 384 |
| Tool diameter max. | 82 mm |
| Diameter with free adjacent pockets | 140 mm |
| Tool lenght | 300 mm |
| Max. tool-weight | 12 kg |
| Time of tool changing | 1.3 sec |
| Average chip-to-chip time | 4 sec |
| Spindle nose: HSK | 100 |
| Distance spindle nose to table | 200 - 1020 mm |
| Spindle speeds: | |
| from | 0 rpm |
| up to | 10000 rpm |
| Torque max. | 420 Nm |
| Feed range | 0.001 - 20000 mm/min |

| | |
|--|-------------|
| Rapid traverse: | 40 m/min |
| Max. Feed force | 1410 N |
| Air connect | 4 - 6 bar |
| Spindle motor | 30 kW |
| Total power required | 57 / 71 kVA |
| Machine's weight about | 18000 kg |
| Overall dimensions machine: | |
| Length | 3300 mm |
| Width | 3330 mm |
| Height | 3300 mm |
| Various accessories: | |
| Direct measuring system | |
| FMS system (flexible manufacturing system) | |
| Coolant system | KNOLL |
| High pression colant device | |
| Coolant through spindle (cts) | 100 bar |
| Water cooler | |
| Workpiece measurement Renishaw | |
| Tool break control | |
| Chip conveyor | |
| Interface serial port RS 232 | |
| Status light | |





























