MULLER MACHINES SA
top second hand and new precision machine tools

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**SAM 023564** **OKK Type HM 4**

| | |
|---|---|
| **Group** | Horizontal machining center |
| **Manufacturer** | OKK |
| **Type** | HM 4 |
| **Controller CNC** | FANUC 160is-MB |
| **Year** | 2004 |
| **Youtube video** | https://youtu.be/wDKJa110zhU |

| | |
|---|---|
| Table length | 400 mm |
| Table width | 400 mm |
| Longitudinal travel (X-axis) | 560 mm |
| Transversal travel (y-axis) | 510 mm |
| Vertical travel (z axis) | 560 mm |
| Dimension of the workpice: | |
| Length | 620 mm |
| Width | 620 mm |
| Height | 700 mm |
| Table load max. | 400 kg |
| Pallets chanching device: | |
| Automatic pallet change-unit (number of paletts) | 2 |
| Tool magazine number of tool places | 60 |
| Tool diameter | 82 mm |
| Diameter with free adjacent pockets | 140 mm |
| Tool lenght | 300 mm |
| Max. tool-weight | 8 kg |
| Time of tool changing | 1 s |
| Average chip-to-chip time | 3.4 s |
| Spindle nose: ISO | 40 |
| Distance spindle nose to table | 150 - 710 mm |
| Spindle speeds: | |
| stepless | |
| from | 100 t/min |
| up to | 12000 t/min |
| Torque max. | 150 Nm |
| Work feed rate | 1 - 40 m/min |
| Rapid traverse: | 40 m/min |
| Voltage 50 Hz 3x | 400 Volt |
| Machine's weight about | 8500 kg |
| Overall dimensions machine: | |
| Length | 3995 mm |
| Width | 2100 mm |
| Height | 2884 mm |

**Various accessories:**

| | |
|---|---|
| Coolant system | 400 l |
| Coolant through spindle (cts) | 20 bar |
| Chip conveyor | |
| Pallets: number | 8 |

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CN rotary table
Oil mist extractor
Status light

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