



Inventory number: 21765

Horizontal machining center
MATSUURA H. PLUS 300
Matsuura G-Tech 30i
2006



Technical data

| | |
|-------------------------------------|---------|
| Number of axis total | 4 |
| Number of spindles | 1 |
| Longitudinal travel (X-axis) | 500 mm |
| Transversal travel (y-axis) | 500 mm |
| Vertical travel (z axis) | 500 mm |
| Dimension of the workpice: | |
| Height | 700 mm |
| Diameter | 530 mm |
| B axis | 1 ° |
| C axis | 1 ° |
| Pallets chanching device: | |
| numbers | 2 |
| Length | 300 mm |
| Width | 300 mm |
| Maximum workpiece weight | 250 kg |
| Pallet weight | 40 kg |
| Time of changing palets | 6.5 sec |
| Tool changer: | |
| Number of tools | 90 |
| Tool diameter max. | 80 mm |
| Diameter with free adjacent pockets | 150 mm |
| Tool lenght | 300 mm |
| Max. tool-weight | 8 kg |
| Time of tool changing | 2 sec |
| Average chip-to-chip time | 2.9 sec |
| Spindle nose: BT | 40 |

| | |
|--------------------------------|------------------|
| Distance spindle nose to table | 80 - 580 mm |
| Spindle speeds: | |
| stepless | |
| from | 50 rpm |
| up to | 15000 rpm |
| Torque max. | 95.4 Nm |
| Feed range | 1 - 50000 mm/min |
| Rapid traverse: | 50 m/min |
| Voltage 50 Hz 3x | 380 Volt |
| Spindle power | 15 / 22 kW |
| Total power required | 44 kVA |
| Machine's weight about | 7000 kg |
| Overall dimensions machine: | |
| Length | 3660 mm |
| Width | 2463 mm |
| Height | 2445 mm |
| Various accessories: | |
| Set of toolholders | |
| Coolant system | 500 l |
| High pressure coolant device | |
| Chip conveyor | |
| Pallets changing device: | |
| Pallets: number | 10 |
| Spindle oil cooler | |
| Rotating viewing window | |

















