

**SAM 021765****MATSUURA Type H. PLUS 300**

|                       |                             |
|-----------------------|-----------------------------|
| <b>Group</b>          | Horizontal machining center |
| <b>Manufacturer</b>   | MATSUURA                    |
| <b>Type</b>           | H. PLUS 300                 |
| <b>Controller CNC</b> | Matsuura G-Tech 30i         |
| <b>Year</b>           | 2006                        |



|                                     |                  |
|-------------------------------------|------------------|
| 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 workpiece:         |                  |
| Height                              | 700 mm           |
| Diameter                            | 530 mm           |
| B axis                              | 1 °              |
| C axis                              | 1 °              |
| Pallets chancing device:            |                  |
| numbers                             | 2                |
| Length                              | 300 mm           |
| Width                               | 300 mm           |
| Maximum workpiece weight            | 250 kg           |
| Pallet weight                       | 40 kg            |
| Time of changing palets             | 7 s              |
| 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 s              |
| Average chip-to-chip time           | 2.9 s            |
| Spindle nose: BT                    | 40               |
| Distance spindle nose to table      | 80 - 580 mm      |
| Spindle speeds:                     |                  |
| stepless                            |                  |
| from                                | 50 t/min         |
| up to                               | 15000 t/min      |
| 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          |

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Width

2463 mm

Height

2445 mm

**Various accessories:**

Set of toolholders

Coolant system

500 l

High pressure coolant device

Chip conveyor

Pallets changing device:

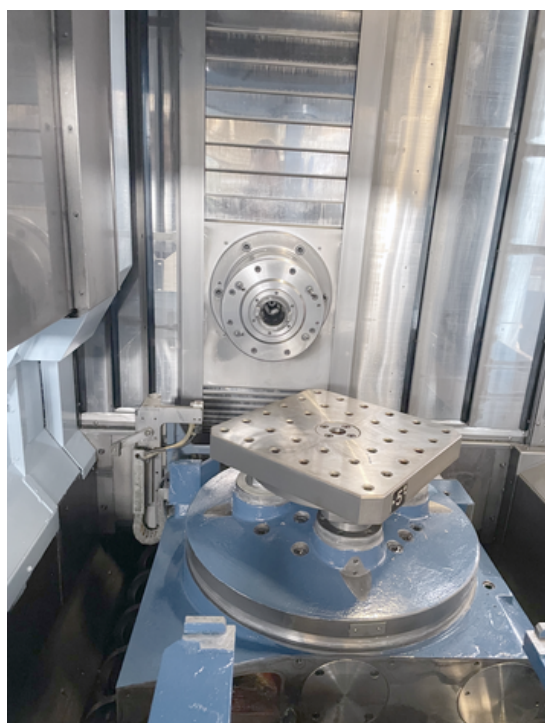
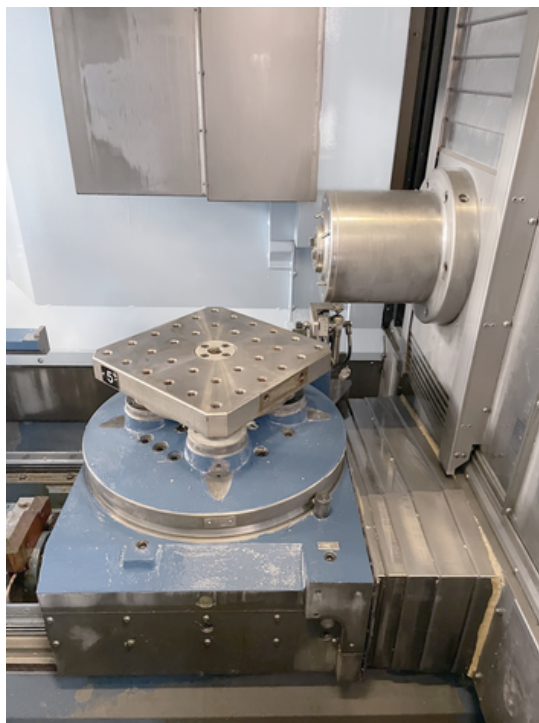
Pallets: number

10

Spindle oil cooler

Rotating viewing window





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