

**SAM 022068****MAZAK Type IVS 200 M**

|                       |                              |
|-----------------------|------------------------------|
| <b>Group</b>          | CNC vertical turning machine |
| <b>Manufacturer</b>   | MAZAK                        |
| <b>Type</b>           | IVS 200 M                    |
| <b>Controller CNC</b> | MAZATROL 640 TN              |
| <b>Year</b>           | 2006                         |

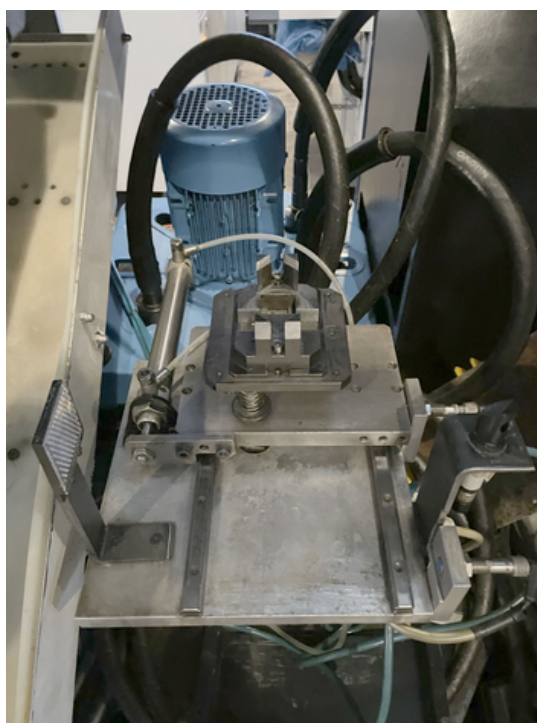


|                              |                 |
|------------------------------|-----------------|
| Swing diameter               | 280 mm          |
| Spindle hole                 | 52 mm           |
| Maximum turning length       | 100 mm          |
| Max. turning diameter        | 180 mm          |
| Travels:                     |                 |
| Longitudinal travel (X-axis) | 880 mm          |
| Transversal stroke (Z axis)  | 280 mm          |
| Turret carriage:             |                 |
| Turret slide: number         | 1               |
| Number of positions turret 1 | 12              |
| Fixed tools turret 1         | 6               |
| Driven tools turret 1        | 6               |
| Spindle speeds               | 25 - 4500 t/min |
| Tool shank cross section     | 25 mm           |
| Power of driven tools        | 5.5 kW          |
| Max. drill capacity          | 20 mm           |
| Max. tapping diameter M      | 12              |
| Indexing time                | 0.6 s           |
| Tool length                  | 65 mm           |
| Max. tool-weight             | 11 kg           |
| Main spindle:                |                 |
| Spindle speeds:              |                 |
| stepless                     |                 |
| from                         | 0 t/min         |
| up to                        | 7000 t/min      |
| Torque max.                  | 200 Nm          |
| Spindle motor                | 26 / 22 kW      |
| Total power required         | 35.8 kVA        |
| Machine's weight about       | 7000 kg         |
| Overall dimensions machine:  |                 |
| Length                       | 3288 mm         |
| Width                        | 1'235 mm        |
| Height                       | 2807 mm         |

**Various accessories:**

|                      |              |
|----------------------|--------------|
| 3-jaw chuck diameter | 200 mm       |
| Parts catcher        |              |
| Chip conveyor        |              |
| Loading roboter      | ABB IRB 1600 |
| Set of toolholders   |              |







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