

**SAM 021405****BENZINGER Type TNI-B6**

|                       |                   |
|-----------------------|-------------------|
| <b>Group</b>          | CNC turning lathe |
| <b>Manufacturer</b>   | BENZINGER         |
| <b>Type</b>           | TNI-B6            |
| <b>Controller CNC</b> | SIEMENS 840 D     |
| <b>Year</b>           | 2001              |



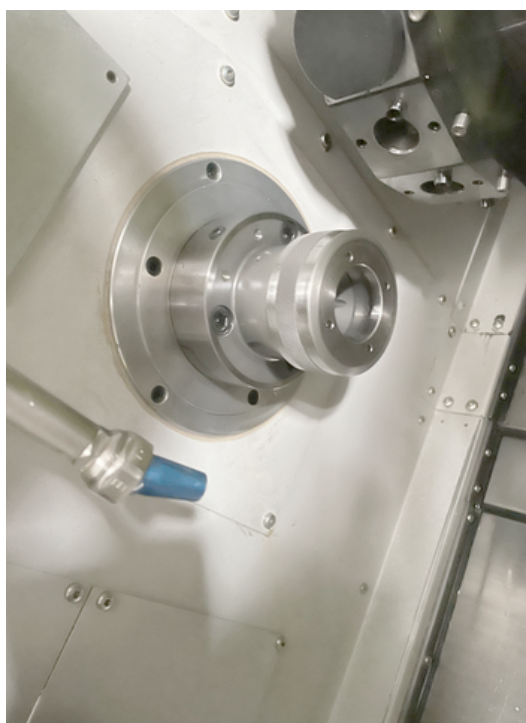
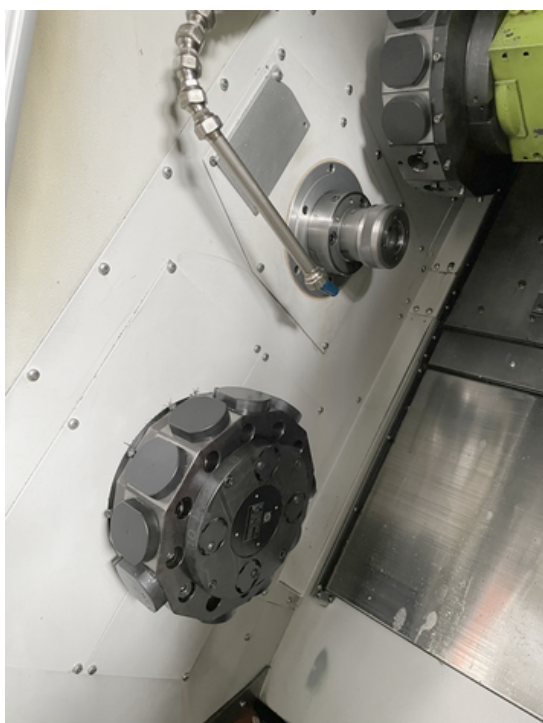
|                              |                 |
|------------------------------|-----------------|
| Number of axis total         | 7               |
| Number of spindles           | 2               |
| Number of revolvers          | 2               |
| Spindle nose                 | DIN 55026 A4    |
| Spindle hole                 | 32 mm           |
| Travels:                     |                 |
| X1                           | 180 mm          |
| X2                           | 195 mm          |
| Z1                           | 340 mm          |
| Z2                           | 440 mm          |
| Y1                           | +40/-40 mm      |
| Y2                           | +40/-25 mm      |
| Y axis                       | 70 (-30/+40) mm |
| Turret slide: number         | 2               |
| Number of positions turret 1 | 16              |
| Number of positions turret 2 | 12              |
| Driven tools turret 1        | 16              |
| Driven tools turret 2        | 12              |
| Spindle speeds               | 6000 t/min      |
| Power of driven tools        | 6 kW            |
| Spindle nose: VDI            | 25 DIN 69880    |
| Main spindle:                |                 |
| C axis                       |                 |
| Spindle speeds:              |                 |
| stepless                     |                 |
| up to                        | 8000 t/min      |
| Back spindle mobile:         |                 |
| max. speed                   | 8000 t/min      |
| Power of back spindle        | 12 kW           |
| Spindle motor                | 7 - 9 kW        |
| Air connect                  | 6 bar           |
| Voltage 50 Hz 3x             | 400 Volt        |
| Total power required         | 25 kVA          |
| Total power required         | 20 kW           |
| Machine's weight about       | 4100 kg         |
| Overall dimensions machine:  |                 |
| Length                       | 2350 mm         |
| Width                        | 1'770 mm        |
| Height                       | 1925 mm         |

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**Various accessories:**

|                                            |                |
|--------------------------------------------|----------------|
| Lamp                                       | 160 l          |
| Coolant system                             | LNS            |
| Bar feeder                                 | EXPRESS 332 S2 |
| Type                                       | 3000 mm        |
| Length of bars max.                        |                |
| Chip conveyor                              |                |
| Unloading device                           |                |
| Foot pedal                                 |                |
| Switch cabinet Air conditioner             |                |
| Fire extinguishing system (without bottle) |                |
| Status light                               |                |







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