



Inventory number: 22533

CNC turning lathe  
GILDEMEISTER CTX 400  
HEIDENHAIN  
2001



### Technical data

|                              |                   |
|------------------------------|-------------------|
| Swing over bed               | 500 mm            |
| Maximum turning length       | 640 mm            |
| Turning diameter             | 290 mm            |
| Turret carriage:             |                   |
| Longitudinal travel (Z-axis) | 640 mm            |
| Transversal stroke (X axis)  | 212 mm            |
| Turret slide:                |                   |
| Fixed tools turret           | 12                |
| Inner cone diameter          | 30 mm             |
| Inner cone DIN               | 69880             |
| Indexing time                | 0.8 sec           |
| Main spindle:                |                   |
| Spindle hole                 | 66 mm             |
| Inner taper     type         | HAINBUCH SK65 BZI |
| Spindle speeds:              |                   |
| stepless                     |                   |
| from                         | 25 rpm            |
| up to                        | 5000 rpm          |
| Spindle power                | 22 kW             |
| Torque max.                  | 420 Nm            |
| Morse taper                  | 4 MT              |
| Spindle stroke               | 100 mm            |
| Spindle diameter             | 80 mm             |
| Pressure                     | 8 kN              |
| Feeds:                       |                   |
| longitudinal from            | 0 mm/min          |
| up to                        | 8000 mm/min       |

|                             |                    |
|-----------------------------|--------------------|
| transversal from            | 0 mm/min           |
| up to                       | 4000 mm/min        |
| Rapid traverse X            | 10 m/min           |
| Rapid traverse Z            | 15 m/min           |
| Spindle motor               | 22 kW              |
| Voltage 50 Hz 3x            | 400 Volt           |
| Total power required        | 50 kVA             |
| Machine's weight about      | 5100 kg            |
| Overall dimensions machine: |                    |
| Length                      | 3400 mm            |
| Width                       | 1940 mm            |
| Height                      | 1700 mm            |
| Various accessories:        |                    |
| Lamp                        |                    |
| Coolant system              |                    |
| Bar feeder                  | LNS                |
| Type                        | Quick Load Servo 2 |
| Chip conveyor               |                    |
| Set of toolholders          |                    |

























