

CNC turn- and milling machine T 55M/500

CNC Lathe with 12 tool changer all tool seats live tools.
 The Time of Toolchange liegt at 0,2s. Mit am
 Spindledrehmoment of until to 200 Nm. 6-position supported
 main spindle (2x two high Cylindrical roller bearing and 2x
 Angular contact ball bearings) grant a gitecherte lifetime

Highlights

- THK linear guide ways
- extreme stiffness machines gittel
- quickste changing timeen for high Produktivität
- Randlto the main spindle 0.003 mm
- positioning accuracy: 0.008 mm
- Time of Warranty 2 Jahre at aschichtigem operation!
- 6-position supported main spindle

Price upon inquiry

specifications

| | |
|---|---|
| max. swing over bed | 550 mm |
| machining length max. | 428 mm |
| max. working diameter | 300 mm |
| diameter of spindlehole | 62 mm |
| Bar through | 51 mm |
| spindlenose | A2-6 |
| speed range build in Motor | 35 - 5000 U/min build in Motor |
| movement of X-axis | 210 mm |
| movement of Z-axis | 561 mm |
| tool changer live tools | 12 |
| tool changer locked | Hydraulic |
| tool changer drive | Servo |
| tool change | 0.2 Seconds |
| tool mounts | cross-section 25 mm |
| live tools max. speed | 5000 U/min |
| live tools max. Power | 5 KW |
| max. milling performance end mill cutter 16 mm | |
| max. milling performance vertical milling 50 mm | |
| cutter with collecting shank | |
| max. drilling capacity | 16 mm |
| max. threadcutting volume | M16x2 |
| rapid feed Z-axis | 30 m/min |
| rapidfeed X-Axis | 30 m/min |
| positioning accuracy | 0.008 mm |
| repeat accuracy | 0.003 mm |
| tailstock | without optional programmabler tailstock |
| quill konus | morse cone 4 |
| travel tailstock include quill stroke | 565 mm |
| Hydraulikstation tank capacity | 20L |
| Hydraulikstation pumpnleistung | 1.5 KW |

| | |
|-------------------------------------|-----------------------|
| Hydraulikstation pressure nominal | 3.5 - 6 Mpa |
| tank capacity central lubrication | 2L |
| central lubrication Power | 25W |
| tank capacity coolant tank | 130L |
| Power cooling pump | 25W |
| power of engine permanent | 11 KW 400 Volt 50Hz |
| power of engine short time (30 min) | 15 KW 400 Volt 50 Hz |
| weight | 4.000,00 kg |
| dimensions | 2600 x 1685 x 1768 mm |

accessoires

cooling device, tool changer for 12 live tools, 200 mm hydr. collet chuck, linear guide ways and ball lead screw from THK/Japan, control system Siemens 828D, Oil Chiller To order optionally:programmable tailstock, conveyor, Workpiece measurement, automatic Toollength correction, Bar feeder, air blow function for tool changer and lathe chuck, Spindle, high pressure cooling,Oil Mist Collector, Bar Puller, hollow chuck 250 mm,