

## CNC Lathe T 55MSY/500 T 55MSY/500

CNC turn- and Fräszentrum with 12 fach tool changer alltoolseats live tools with Sub-Spindle,Y-axis and Siemens 828D SW290. The Time of Toolchange liegt at 0,2s. Mit am Spindledrehmoment of until to 200 Nm. 6-position supported main spindle (2x tworeihigit Cylindrical roller bearing and 2x Angular contact ball bearings) grant a giticherte lifetime

### Highlights

- swing over bed 550mm
- max. working diameter 300 mm
- max. working length 429 mm
- X-axis 180mm
- Z-axis 485mm
- Y-axis +-50mm
- W-axis 456mm
- rapid feed X+Z axis 30m/min
- rapid feed Y-axis 12m/min
- Time of Toolchange max. 0,2 Seconds
- THK linear guide ways
- extreme stiffnesss machinesgittell
- quickste changing timeen for high Produktivität (0.2S)
- Randlto the main spindle 0.003 mm
- positioning accuracy: 0.008 mm
- Time of Warranty 2 Yeaere 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
speed range #Gegnspindel	35 - 6000 U/min build in Motor
movement of X-axis	180 mm
movement of Z-axis	485 mm
movement of Y-axis	+50 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 and vielit more.