

# T 55M/500



## HIGHLIGHTS

- » THK linear guide ways
- » extreme stiffness machinesgittel
- » 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

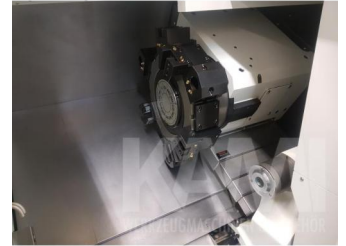
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## SPECIFICATIONS

<b>max. swing over bed</b>	550 mm
<b>machining length max.</b>	428 mm
<b>max. working diameter</b>	300 mm
<b>diameter of spindlehole</b>	62 mm
<b>Bar through</b>	51 mm
<b>spindlenose</b>	A2-6
<b>speed range build in Motor</b>	35 - 5000 U/min build in Motor
<b>movement of X-axis</b>	210 mm
<b>movement of Z-axis</b>	561 mm
<b>tool changer live tools</b>	12
<b>tool changer locked</b>	Hydraulic
<b>tool changer drive</b>	Servo
<b>tool change</b>	0.2 Seconds
<b>tool mounts</b>	cross-section 25 mm
<b>live tools max. speed</b>	5000 U/min
<b>live tools max. Power</b>	5 KW
<b>max. milling performance end mill cutter</b>	16 mm
<b>max. milling performance vertical milling cutter with collecting shank</b>	50 mm
<b>max. drilling capacity</b>	16 mm
<b>max. threadcutting volume</b>	M16x2
<b>rapid feed Z-axis</b>	30 m/min
<b>rapidfeed X-Axis</b>	30 m/min
<b>positioning accuracy</b>	0.008 mm
<b>repeat accuracy</b>	0.003 mm
<b>tailstock</b>	without optional programmabler tailstock
<b>quill konus</b>	morse cone 4
<b>travel tailstock include quill stroke</b>	565 mm
<b>Hydraulikstation tank capacity</b>	20L
<b>Hydraulikstation pumpnleistung</b>	1.5 KW
<b>Hydraulikstation pressure nominal</b>	3.5 - 6 Mpa
<b>tank capacity central lubrication</b>	2L
<b>central lubrication Power</b>	25W
<b>tank capacity coolant tank</b>	130L
<b>Power cooling pump</b>	25W
<b>power of engine permanent</b>	11 KW 400 Volt 50Hz
<b>power of engine short time (30 min)</b>	15 KW 400 Volt 50 Hz
<b>weight</b>	4.000,00 kg
<b>dimensions</b>	2600 x 1685 x 1768 mm

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## ACCESSORIES

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,