



MT
MT SERIES

THE VERSATILE VERSIONS

Milling and turning in one clamping. The MT series with models C 42 U MT dynamic, 50 U MT dynamic and C 60 U MT dynamic. Fully integrated rotary table that does not interfere with demanding milling processes and 5 axes simultaneously.

Technical Data C 42 U MT	
Working area	
Traverse X-Y-Z	800-800-550 mm
Linear rapid traverse X-Y-Z	60 m/min
Linear acceleration X-Y-Z	10 m/s ²
Main spindle drive	
Speed	18,000 rpm.
Interface	HSK A 63 / HSK T 63
Torque	up to 173 Nm
Main power	up to 20 kW
Tool changer (pick up)	
Magazine pockets	42
Chip-to-chip time*	approx. 6.5 s
Control unit	
Heidenhain	TNC 635
Siemens	S 840 D sl
NC-controlled swivelling rotary table	
Clamping surface:	Ø 750 mm
Swivelling range:	+/- 130°
Speed - swivelling axis A:	25 rpm.
Type of drive axis A:	Tandem
Speed - rotary axis C:	800 rpm.
Type of drive axis C:	Torque
Maximum table load:	700 kg
T-grooves:	star 16 / 14 H7



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Technical Data C 50 U MT

Working area

Traverse X-Y-Z	1,000-1,100-750 mm
Linear rapid traverse X-Y-Z	60-60-55 m/min
Linear acceleration X-Y-Z	6 m/s ²

Main spindle drive

Speed	12,000 rpm.	18,000 rpm.
Interface	HSK A 100 / HSK T 100	HSK A 63/ HSK T 63
Torque	up to 356 Nm	up to 215 Nm
Main power	up to 56 kW	up to 35 kW

Tool changer (pick up)

Magazine pockets	42	60
Chip-to-chip time*	approx. 7.0 s	approx. 7.0 s

Control unit

Heidenhain	TNC 635
Siemens	S 840 D

NC-controlled swivelling rotary table

Clamping surface:	Ø 1,000 mm
Swivelling range:	+ 100° / - 130°
Speed - swivelling axis A:	20 rpm.
Type of drive axis A:	Tandem
Speed - rotary axis C:	500 rpm.
Type of drive axis C:	Torque
Maximum table load:	1,000 kg
T-grooves:	star 16 / 18 H7



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Technical Data C 60 U MT

Working area		
Traverse X-Y-Z	1,200-1,300-900 mm	
Linear rapid traverse X-Y-Z	50 m/min	
Linear acceleration X-Y-Z	6 m/s ²	
Main spindle drive		
Speed	12,000 rpm.	18,000 rpm.
Interface	HSK A 100 / HSK T 100	HSK A 63/ HSK T 63
Torque	up to 356 Nm	up to 215 Nm
Main power	up to 56 kW	up to 35 kW
Tool changer (pick up)		
Magazine pockets	50	70
Chip-to-chip time*	approx. 9.5 s	approx. 9.5 s
Control unit		
Heidenhain	TNC 635	
Siemens	S 840 D sl	
NC-controlled swivelling rotary table		
Clamping surface:	Ø 1,200 mm	
Swivelling range:	+/- 130°	
Speed - swivelling axis A:	15 rpm.	
Type of drive axis A:	Tandem	
Speed - rotary axis C:	400 rpm.	
Type of drive axis C:	Torque	
Maximum table load:	1,400 kg	
T-grooves:	star 16 / 22 H7	