

«MT» MACHINE RANGE

Milling/turning from the bar stock

The «MT» range of «multi-process» machining centers can produce workpieces requiring milling and turning operations, guaranteeing great flexibility. The back-working systems proposed on these machines (counter-spindle, self-centring vice, tailstock) allow complex-shaped parts to be finished completely in a single cycle.

408MT

«Multi-process» machining center with 6 to 7 spindles, milling/turning from bar stock and raw disks, milling on the back-working unit.

Technical specifications

Movement	Travel and capacity	X - Y - Z - U A - B	250/200/300/80 mm 360°/115°
Feeds	Rapid feeds		30 m/min
Spindle with built-in motor	Speed		max. 42'000 rpm
B axis	Movement		-15° to +100°
A axis turning mode	Speed of rotation		6'000 rpm
Ø bar passage	Ø max.		36 mm
Tool magazine	Number of tools		max. 48
Numerical control	Fanuc		31i-A5



508MT

«Multi-process» machining center with 6 to 8 spindles, milling/turning from bar stock and raw disks, milling on the automatic multifunction back-working unit (3 counter-spindle/vice/tailstock centre positions).

Technical specifications

Movement	Travel and capacity	X - Y - Z - U A - B	450/200/425/300 mm 360°/115°
Feeds	Rapid feeds		40 m/min
Spindle with built-in motor	Speed		max. 42'000 rpm
B axis	Movement		-15° to +100°
A axis turning mode	Speed		6'000 rpm
Ø bar passage	Ø max.		42 mm
Tool magazine	Number of tools		max. 72
Numerical control	Fanuc		31i-A5



518MT

«Multi-process» machining center with 6 to 8 spindles, milling/turning from bar stock and raw disks, milling on the automatic multifunction back-working unit (2 counter-spindle/vice positions).

Technical specifications

Movement	Travel and capacity	X - Y - Z - U A - B	630/320/500/400 mm 360°/110°
Feeds	Rapid feeds		40 m/min
Spindle with built-in motor	Speed		20'000 rpm
B axis	Movement		-10° to +100°
A axis turning mode	Speed		3'000 rpm
Ø bar passage	Ø max.		65 mm
Tool magazine	Number of tools		max. 180
Numerical control	Fanuc		31i-A5

