

MILL TURN CENTER

MT-540



- Siemens ATE AC300/240/8 (15/22kW)
- X/Y/Z servo motors:IFK7101-5
- W/B:IFK7083-5
- NEO milling spindle 12,000 rpm
- Build-in turning spindle 4900 rpm.
- INDRAMAT motor 1MBS162D (29/35KW)
- KM63 36-tool ATC.
- AUTOGRIP 8" chuck
- Draw bar dia.: 65mm
- 40 bar CTS (made in Taiwan)
- Programmable tailstock with MT4 Quill
- Coolant system
- Heat exchanger on power cabinet
- Automatic lubrication system
- Fully closure splash guarding
- Foot pedal for chuck
- Chain type chip conveyor and chip cart
- Transformer (75 KVA)
- Fanuc manuals
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Linear guide way
- Class C2 ballscrews

MT-540

Working range

Chuck size (inch)	8
Maximum swing (mm)	Ø540
Maximum machining diameter (mm)	Ø350
Maximum machining length (mm)	700

Main spindle

Speed (rpm)	4900
Spindle nose	A2-6
Spindle bore dia. / Draw bar dia. (mm)	Ø62 / Ø52
Front bearing inner dia. (mm)	Ø120

Milling head

Tool shank type (milling/turning)	KM63
Milling spindle speed (rpm)	12000
Maximum milling spindle torque (N-m)	160
Milling spindle motor output (kW)	29.3 / 35
A-axis (°)	360°/15°

B-axis

B-axis (°)	±110° / 0.001°
Speed (rpm)	16.7
Repeatability accuracy (sec)	±3
Maximum torque (N-m)	1920

C-axis

C-axis (°)	360° / 0.001°
Speed (rpm)	120
Maximum torque (N-m)	580
Maximum output (kW)	15 / 22

Feedrate

X/Y/Z/W-axis rapid traverse (M/min)	36 / 36 / 36 / 30
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ATC

Tool capacity (pcs)	36 (72)
Max. tool length (mm)	200
Max. tool diameter (mm)	80
Max. tool weight (kg)	5
T-T (sec)	5

NC

Siemens type	840D (Fanuc 31i)
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