



A Series 560

CNC PRODUCTION CENTER

EXCELLENCE THROUGH EXPERTISE

HIGH SPEED HIGH EFFICIENCY MACHINERY

- HIGH SPEED SPINDLE
- HIGH RESPONSE SERVO SYSTEM
- HIGH SPEED 3 AXES RAPID TRAVERSE
- DIRECTLY COUPLED SPINDLE DRIVE SYSTEM



- Spindle speed 60~10,000rpm (STD)
- Spindle speed 60~15,000rpm (OPT)
 - Rigid tapping 4,000rpm
 - Spindle nose taper BT30
- 3 axes rapid traverse X, Y, Z : 48, 48, 40m/min
- Dual electric cases (Heat insulated)
- High speed mechanical ATC system T-T : 1.4 sec
- Directly coupled high speed spindle

A Series 560 CNC DRILLING & TAPPING CENTER

MACHINE SPECIFICATIONS

	Unit	Mitsubishi	FANUC
Table size	mm	650 x 410	
Max. table load	kg	200	
Longitudinal table travel (X)	mm	560	
Cross table travel (Y)	mm	400	
Vertical head travel (Z)	mm	350	
Table to spindle nose	mm	180 ~ 530	
Spindle taper		BT30	
Pull stud		MAS403 P30T-1(45°)	
Spindle motor	kW	5.5 / 3.7	3.7 / 2.2
X drive motor	kW	1.5	1.0
Y drive motor	kW	1.5	1.0
Z drive motor	kW	3.5	1.8
Spindle speeds	rpm	60 ~ 10000	
X, Y, Z axis rapid traverse	m / min	48 / 48 / 40	
Magazine capacity		20+1	
Max. tool weight	kg	3	
Max. tool length	mm	200	
ATC time	sec	1.4 (T-T)	
	sec	2.5 (C-C)	
Floor space	mm	1600 x 2644 x 2217	
Net weight	kg	3000	

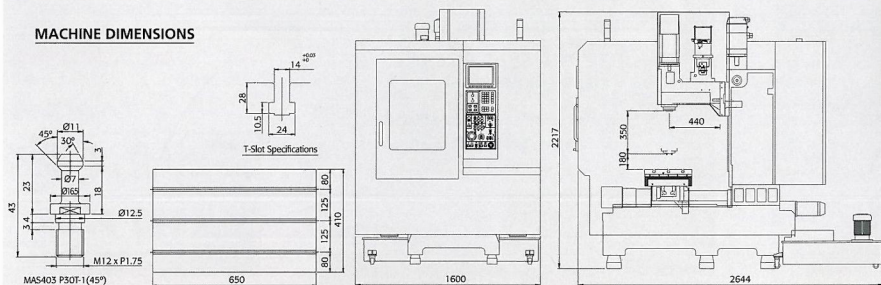
CONTROLLER SPECIFICATIONS

	Mitsubishi	FANUC
	M70-B	0iMC
Max. controlled axis	4	4
Max. simultaneous axis	4	4
Standard controlled axis	3	3
Program storage length	600m	640m
Work piece coordinates	54	54
Macro common variables	400	700
Tool offset pairs	400	400
Conversational programming	NAVI	Manual Guide Oi
Monitor	8.4" TFT LCD	
Multi-language display	O	O
ABS servo motor	O	O
Tool length compensation	O	O
Tool path compensation	O	O
On-screen drafting	O	O
High speed data serve & Ethernet	O	OP
High speed & high accuracy machining control mode	G05.1 Q1	
Interface	RS232 / RJ45	RS232
Memory card input / output	O	O

O: Standard X: None OP: Option

★ Tool change time supplied with standard 60Hz power. For electrical requirements other than this standard, please contact one of our personnel.

MACHINE DIMENSIONS



STANDARD ACCESSORIES

- Toolbox and tools
- Auto. lubrication system
- Spindle air blow system
- Leveling bolts and pads
- Direct drive spindle system
- Dual-color alarm light
- Dual electric cases. (Heat insulated)
- High speed arm type tool change system
- Tool coolant system
- Work light
- TFT LCD

OPTIONAL ACCESSORIES

- Mitsubishi 64ASM Controller
- Transformer / stabilizer
- Work piece air blow system
- 15,000rpm(BT30) high speed spindle (With spindle oil cooling system)
- Low inertia spindle motor (Mitsubishi)
- Auto. tool length measurement
- Damaged cutting tool sensor
- Fifth axis (4th axis with sloped rotary table)
- The 4th axis (NC indexing table)
- High speed & high accuracy machining control mode G05 P10000 (Mitsubishi)
- Coolant through spindle (CTS)
- Full enclosed splash guard
- Chip conveyor with cart
- Oil / water partition
- Oil mist collector
- Air gun / Water gun
- Auto. door
- CTS filter

RM Series 600

CNC TAPPING CENTER



EXCELLENCE THROUGH EXPERTISE

- HIGH SPEED SPINDLE
- HIGH RESPONSE SERVO SYSTEM
- HIGH SPEED 3 AXES RAPID TRAVERSE

HIGH SPEED HIGH EFFICIENCY MACHINERY



- Spindle speed 60~8,000rpm (STD)
- Spindle speed 60~12,000rpm (OPT)
 - Rigid tapping 3,000rpm
 - Spindle nose taper BT40
- 3 axes rapid traverse X, Y, Z : 36, 36, 36m/min
- Dual electric cases (Heat insulated)
- High speed ATC system T-T : 2.0 sec

RM Series 600 CNC DRILLING & TAPPING CENTER

MACHINE SPECIFICATIONS

	Unit	Mitsubishi	FANUC
Table size	mm	700 x 410	
Max. table load	kg	250	
Longitudinal table travel (X)	mm	600	
Cross table travel (Y)	mm	400	
Vertical head travel (Z)	mm	600	
Table to spindle nose	mm	120 ~ 720	
Spindle taper		BT40	
Pull stud		MAS403 P40T-1(45°)	
Spindle motor	kW	7.5 / 5.5	7.5 / 5.5
X drive motor	kW	1.5	1.6
Y drive motor	kW	1.5	1.6
Z drive motor	kW	3.5	3.0
Spindle speeds	rpm	60 ~ 8000	
X, Y, Z axis rapid traverse	m / min	36 / 36 / 36	
Magazine capacity		24+1	
Max. tool weight	kg	5	
Max. tool length	mm	250	
ATC time	sec	2.0 (T-T)	
	sec	4.0 (C-C)	
Floor space	mm	1800 x 2730 x 2810	
Net weight	kg	3700	

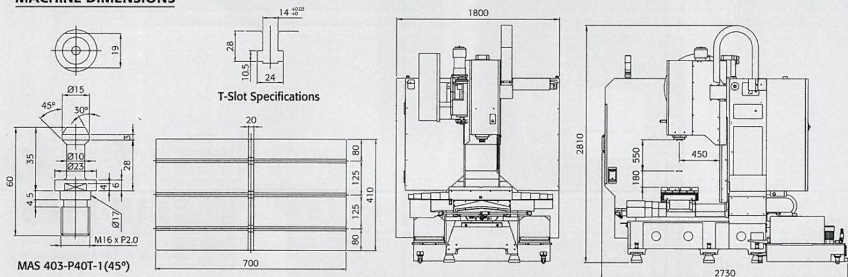
CONTROLLER SPECIFICATIONS

	Mitsubishi	FANUC
	M70-B	0iM
Max. controlled axis	4	4
Max. simultaneous axis	4	4
Standard controlled axis	3	3
Program storage length	600m	640m
Work piece coordinates	54	54
Macro common variables	400	700
Tool offset pairs	400	400
Conversational programming	NAVI	Manual Guide 0i
Monitor	8.4" TFT LCD	
Multi-language display	O	O
ABS servo motor	O	O
Tool length compensation	O	O
Tool path compensation	O	O
On-screen drafting	O	O
High speed data serve & Ethernet	O	OP
High speed & high accuracy machining control mode	G05.1 Q1	
Interface	RS232 / RJ45	RS232
Memory card input / output	O	O

O: Standard OP: Option

★ Tool change time supplied with standard 60Hz power. For electrical requirements other than this standard, please contact one of our personnel.

MACHINE DIMENSIONS



STANDARD ACCESSORIES

- Toolbox and tools
- Auto. lubrication system
- Tool coolant system
- Spindle air blow system
- Leveling bolts and pads
- Dual electric cases (Heat insulated)
- Dual-color alarm light
- Work light
- TFT LCD

OPTIONAL ACCESSORIES

- Mitsubishi 64ASM Controller
- Transformer / stabilizer
- Work piece air blow system
- 12,000rpm high speed spindle (With spindle oil cooling system)
- Air gun / Water gun
- Chip conveyer with cart
- Oil / water partition
- Auto. tool length measurement
- Damaged cutting tool sensor
- Auto. door
- High speed & high accuracy machining control mode G05 P10000 (Mitsubishi M70-A)
- The 4th axis (NC Indexing Table)
- Fifth axis (4th axis with sloped rotary table)