

A Series 7030/7040

DIRECT DRIVE SPINDLE • HIGH SPEED 3 AXES RAPID TRAVERSE • HIGH RESPONSE SERVO SYSTEM

MACHINE SPECIFICATIONS

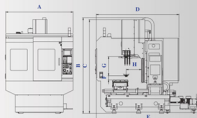
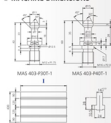
	Unit	A7030	A7040
Table size	mm	800 x 430	800 x 430
Max. table load	kg	250	250
X, Y, Z axis travel	mm	700 x 400 x 350	700 x 400 x 550
Table to spindle nose	mm	180~530	120~670
Spindle taper		BT30	BT40
Pull stud		MAS403 P30T-1 (45°)	MAS403 P40T-1 (45°)
Spindle motor	Mitsubishi	kW 5.5 / 3.7	7.5 / 5.5
	FANUC	kW 5.5 / 3.7	7.5 / 5.5
	SIEMENS	kW 5.6 / 4.8	10.5 / 7.0
X drive motor	Mitsubishi	kW 1.5	1.5
	FANUC	kW 1.6	1.6
	SIEMENS	kW 3.3	3.3
Y drive motor	Mitsubishi	kW 3.5	3.5
	FANUC	kW 3.0	3.0
	SIEMENS	kW 3.3	3.3
Z drive motor	Mitsubishi	kW 3.5	3.5
	FANUC	kW 4.0	4.0
	SIEMENS	kW 4.9	4.9
Spindle speeds	rpm	10000	8000
X, Y, Z axis rapid traverse	m/min	48 / 48 / 60	48 / 48 / 48
Magazine capacity	no.	20+1	24+1
Max. tool weight	kg	4	5
Max. tool length	mm	200	250
ATC time (T-T)	sec	2.2	2.2
Net weight	kg	3810	3980
Floor space	mm	2910 x 1900 x 2465	2910 x 1900 x 2700

CONTROLLER SPECIFICATIONS

	Mitsubishi	FANUC	SIEMENS
Max. simultaneous axis	4	4	4
Standard controlled axis	3	3	3
Program storage length	500kb	512kb	3M
Work piece coordinates	54	54	100
Max. variables number	700	600	300
Tool offset pairs	400	400	128/256
Conversational programming	NAVI	Manual guide Qi	Program Guide Shopmill(OP)
Monitor	8.4" TFT LCD		10.4" LCD
Multi-language display	O	O	O
ABS servo motor	O	O	O
Tool length compensation	O	O	O
Tool path compensation	O	O	O
On-screen drafting	O	O	O
High speed data server & ethernet	O	OP	O
High speed & high accuracy machining control mode	G05 P10000	G05.1 Q1	Cycle832
Interface	RS232 / RJ45		RJ45
Memory card input / output	O	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



	A7030	A7040
A	1900	1900
B	2465	2700
C	2415	2650
D	2340	2340
E	2910	2910
F	180	120
G	350	550
H	430	430
I	800	800

STANDARD ACCESSORIES

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

OPTIONAL ACCESSORIES

- MITSUBISHI M80-AIGOS P20000
- Spindle speed
BT30:12000/15000/20000/24000 rpm
BT40:12000/15000
- High speed spindle (With spindle oil cooling system)
- Coolant through spindle(CTS)
- Full enclosed splash guard (Top Cover)

- Transformer/stabilizer
- The 4th axis (CNC Rotary Table)
- The 5th axis (CNC Tilting Rotary Table)
- Chip conveyor with cart
- CTS filtration
- Oil/water partition

★ The company reserves the right to modify without further notice. Actual specifications may vary.