

MACHINE SPECIFICATIONS

		Unit	AF5040			Unit	AF5040
Table size	mm		500 x 500	X / Y / Z-axis	Mitsubishi		3.5 / 3.5 / 7.0
C-axis table indexing angle	deg.		90° / 0.001° (OP)	servo motor	Siemens	kw	3.3 / 3.3 / 8.2
Table load	kg		600		Fanuc		4.5 / 4.5 / 9.0
X-axis travel	mm		1150	C-axis servo motor	Mitsubishi		3.5
Y-axis travel	mm		600	0.001° indexing	Siemens	kw	4.9
Z-axis travel	mm		Vertical spindle 650 / Horizontal spindle 950	table (OP)	Fanuc		4.5
Vertical spindle nose to table surface	mm		85~735 / 30~680 (0.001° C-axis table)	X / Y / Z-axis rapid traverse		m/min	36 / 36 / 30
Horizontal spindle nose to table edge	mm		30 ~ 300	Max. cutting feedrate		m/min	10
Horizontal spindle center to table surface	mm		85~535 / 30~480 (0.001° C-axis table)	Tool magazine capacity		pcs	24
Spindle type			Built-in spindle	Max. tool weight		kg	7
Spindle speeds	Mitsubishi		8000	Max. tool length		mm	300
	Siemens	rpm	8000	Max. tool dia. (w/ adjacent tool)		mm	Ø80
	Fanuc		4000(Low) / 8000(High)(H / L-speeds)	Max. tool dia. (w/o adjacent tool)		mm	Ø120
Spindle power	Mitsubishi		29.3 / 24.5	LED work light		pcs	2
	Siemens	kw	29.3 / 24.5	Hydraulic oil tank		set	1 (2hp x 30L x 40 kg/cm²)
	Fanuc		15 / 11 (Low-speed winding)	Spindle oil cooler		set	1
Spindle torque	Mitsubishi		107.6 / 90.2	Screw type chip conveyor		set	2
	Siemens	Nm	107.6 / 90.2	Tank volume	L		270
	Fanuc		59.7 / 45.7 (Low-speed winding)	Power consumption	kva		45
Spindle taper			BBT40	Net weight	kg		7800
				Floor space (L x W x H)	mm		2800 x 3585 x 3160

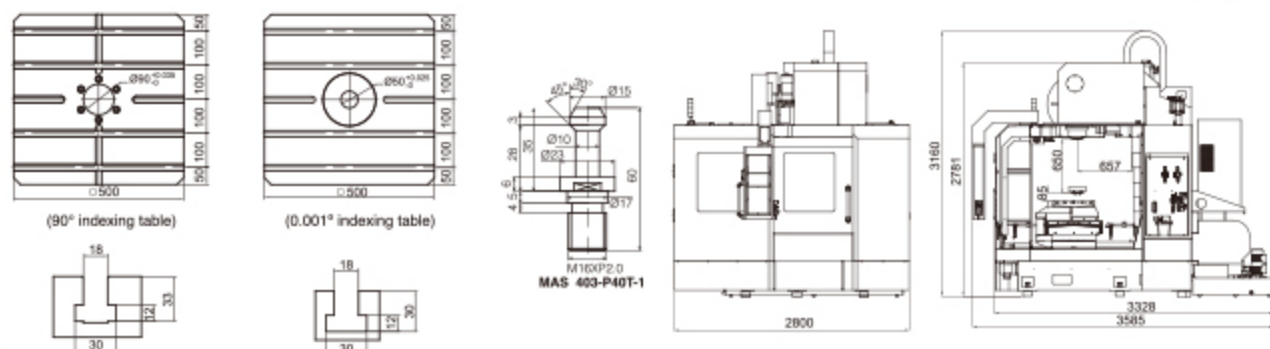
CONTROLLER SPECIFICATIONS

O: Standard OP: Optional

	Mitsubishi M80A	Siemens 828D	Fanuc Oi-MF		Mitsubishi M80A	Siemens 828D	Fanuc Oi-MF
Max. simultaneous axis	4	4	4	Multi-language display	O	O	O
Standard controlled axis	3	3	3	ABS servo motor	O	O	O
Program storage length	500kb	5MB	512kb	Tool length compensation	O	O	O
Workpiece coordinates	54	100	54	Tool radius compensation	O	O	O
Inclined surface machining	O	O	O	On-screen drafting	O	O	O
Max. variable number	700	300	600	High speed data server & ethernet	O	O	OP
Tool offset pairs	400	128 / 256	400	High speed & high accuracy machining control mode	G05 P20000	CYCLE832	G05.1 Q1
Conversational programming	NAVI	Program guide / ShopMill (OP)	Manual guide Oi	Interface	RS232 / RJ45	RJ45	RS232/RJ45
Monitor		10.4" TFT LCD		Memory card input / output	O	O	O
				USB input / output	O	O	O

MACHINE DIMENSIONS

Unit: mm



※ The company reserves the right to modify the specifications / design, subject to change without further notice. Actual specifications, based on order content.

ARES-SEIKI®

ARES MACHINERY CO., LTD.

No. 256, Tu-cheng Rd., Da-li, Taichung, Taiwan 41274

Tel: +886-4-2492-5555 ares999@ms16.hinet.net

Fax: +886-4-2496-6959 www.ares-seiki.com



ARES-BBE-01-MORMA-1000

