

E20030

MACHINE SPECIFICATIONS

		Unit	E20030
Table size		mm	2100 x 430
Max. table load		kg	800
X, Y, Z axis travel		mm	2000 x 400 x 350
Spindle nose to table		mm	150~500
Spindle taper			BT30
Pull stud			MAS403 P30T-1 (45°)
Spindle motor	Mitsubishi	kw	5.5 / 3.7
	Fanuc	kw	5.5 / 3.7
	Siemens	kw	5.6 / 3.7
X drive motor	Mitsubishi	kw	3.0
	Fanuc	kw	3.0
	Siemens	kw	3.3
Y drive motor	Mitsubishi	kw	1.5
	Fanuc	kw	1.6
	Siemens	kw	2.3
Z drive motor	Mitsubishi	kw	3.0
	Fanuc	kw	3.0
	Siemens	kw	3.3
Spindle speed		rpm	10000
X, Y, Z axis rapid traverse		m/min	36 / 48 / 60
Tools capacity		pcs	20
Max. tool weight		kg	3
Max. tool length		mm	200
ATC time(T-T)		sec.	2.2
Tank volume		L	292
Net weight		kg	7800
Floor space		mm	4420 x 2970 x 2775

CONTROLLER SPECIFICATIONS

O : standard OP : option

	Mitsubishi	Fanuc	Siemens
Max. simultaneous axis	4	4	4
Standard controlled axis	4	4	4
Program storage length	500 kb	512 kb	5M
Work piece coordinates	54	54	100
Max. variable number	700	600	300
Tool offset pairs	400	400	128/256
Conversational programming	NAVI	Manual Guide Oi	Program Guide / Shopmill (OP)
Monitor	8.4" TFT LCD / 10.4" TFT LCD (OP)		10.4" TFT LCD
Multi-language display	O	O	O
ABS servo motor	O	O	O
Tool length compensation	O	O	O
Tool radius 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
Intelface	RS232/RJ45		RJ45
Memory card input / output	O	O	O
USB input / output	O	O	O

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

E20030



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



EXCELLENCE

THROUGH

EXPERTISE



E20030

CNC TAPPING / MACHINING CENTER

ARES·SEIKI®



ARES : AUE-01-MOR0M-500

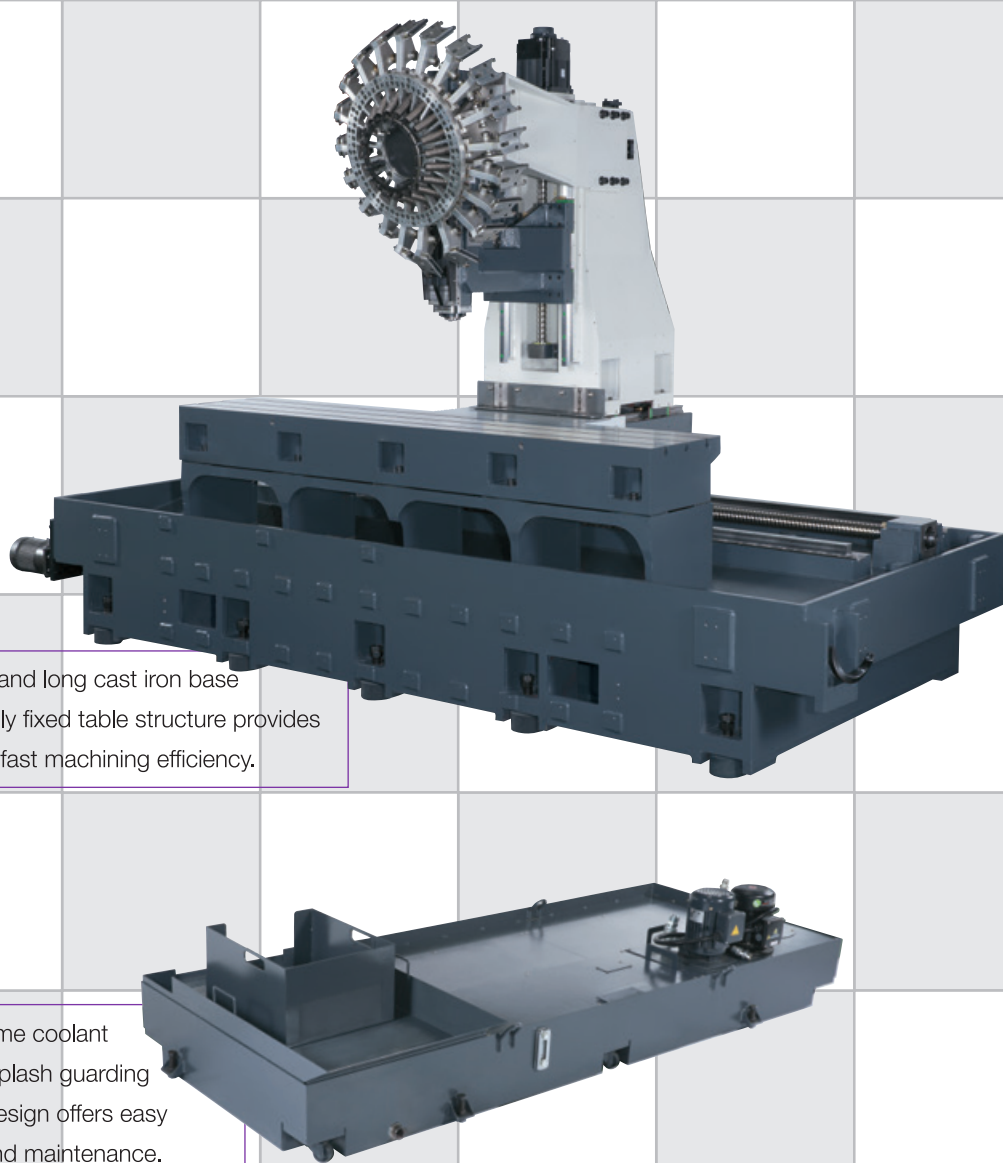
E20030

CNC TAPPING / MACHINING CENTER

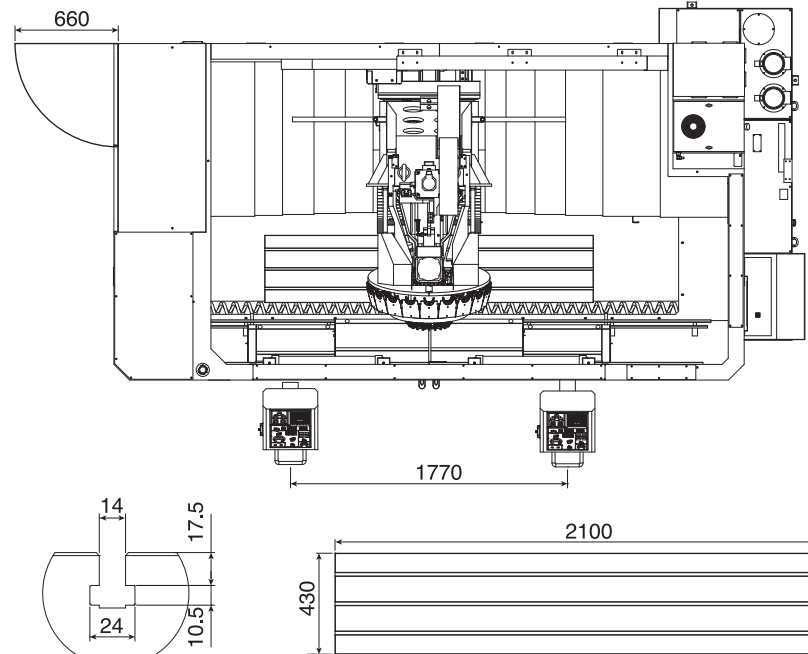


Integrated and long cast iron base with robustly fixed table structure provides stable and fast machining efficiency.

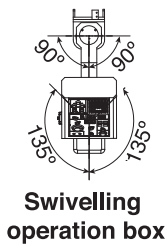
Large volume coolant tank with splash guarding chip tray design offers easy cleaning and maintenance.



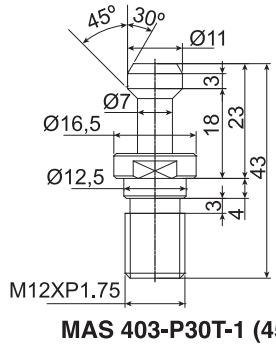
E20030



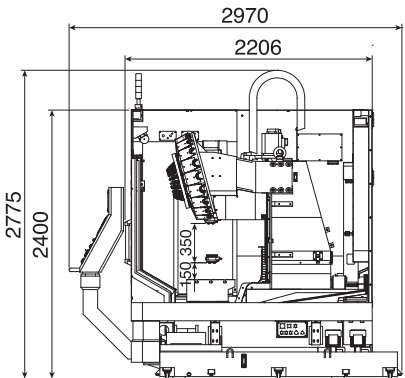
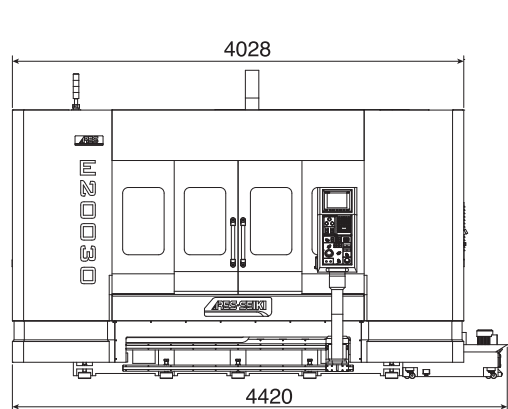
T-slot specifications



Swivelling operation box



MAS 403-P30T-1 (45°)



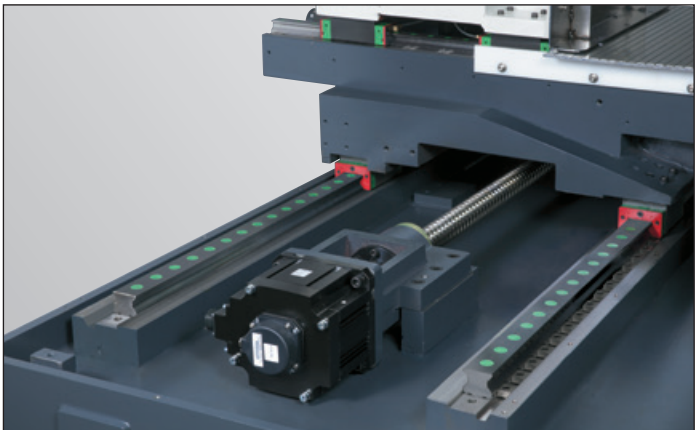
※ The company reserves the right to modify the specifications / design, subject to change without further notice. Actual specifications, based on order content.

Standard accessories

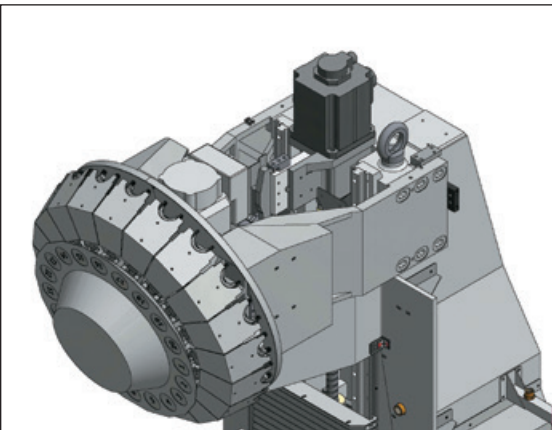
- Auto. Lubrication system
- Tool coolant system
- Direct drive spindle system
- Auto chip purging system
- Spindle air blow system
- 3 axes with roller guide
- PL Work light
- Triple-color alarm light
- TFT LCD
- Toolbox and tools
- Leveling bolts and pads

Optional accessories

- Spindle speed 12,000 / 15,000 / 20,000 / 24,000 rpm
- 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
- Oil mist collector
- Water gun
- Air gun
- 10.4" TFT LCD (Mitsubishi / Fanuc)
- Auto. door
- Auto. tool length measurement
- Damaged cutting tool sensor
- Workpiece air blow system
- CE



Optimally wide span of tracks design with heavy duty roller type linear guides and precision ball screws.



Stable and fast servo ATC system with 20T magazine capacity.



Ergonomically movable operation box device is convenient for operating.

