

FA40V

High-Speed Machining Now Possible in a Large Capacity Machine

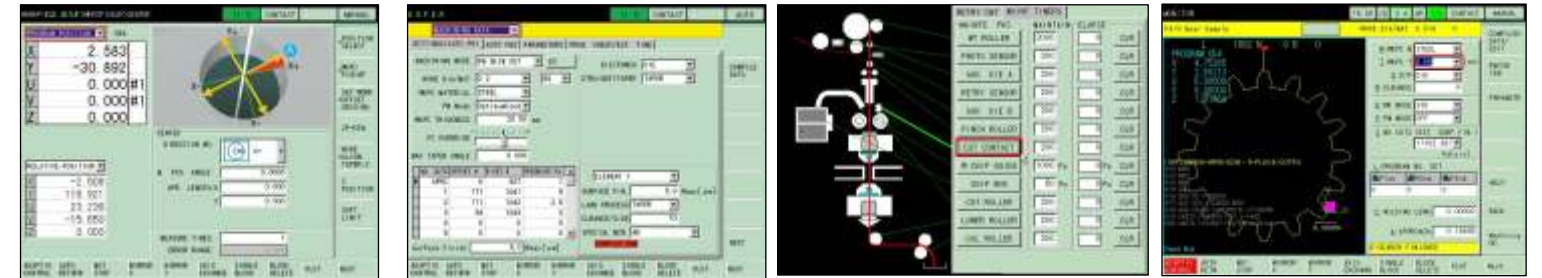


Features:

- Standard "V500" Power Supply
- Standard 400mm maximum workpiece height
- Standard 4 millionths XY Axes Linear Scales
- Standard 0.2~0.3mm Dia. Automatic Wire Threading
- Standard Extended "U-V" Stroke ± 75 mm
- Standard All-Axes Absolute Control System
- Standard 16-Step Programmable Flushing Control



Great On-Screen Graphics – Simplify Machine Operation



Set-up

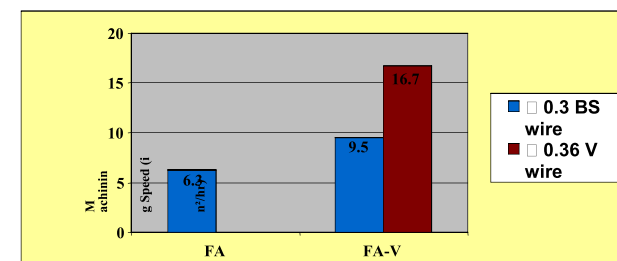
E.S.P.E.R.

Auto AT Maintenance

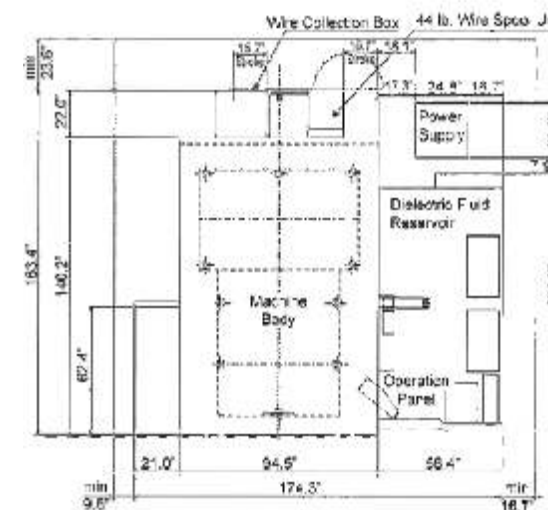
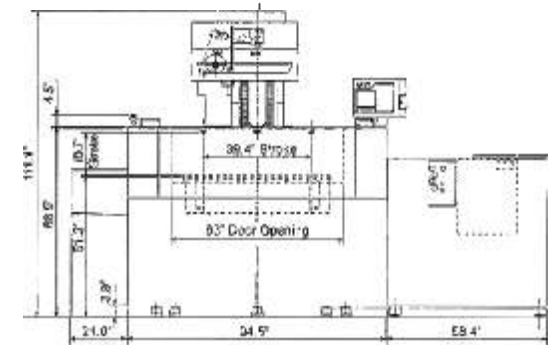
Machine Monitor

Improved Machine Speed

64-Bit Multi-Tasking Control now offers 100MB of user program storage and allows the operator to perform different tasks concurrently using a familiar, Windows-style graphical user interface on a 10.4" TFT liquid-crystal display.

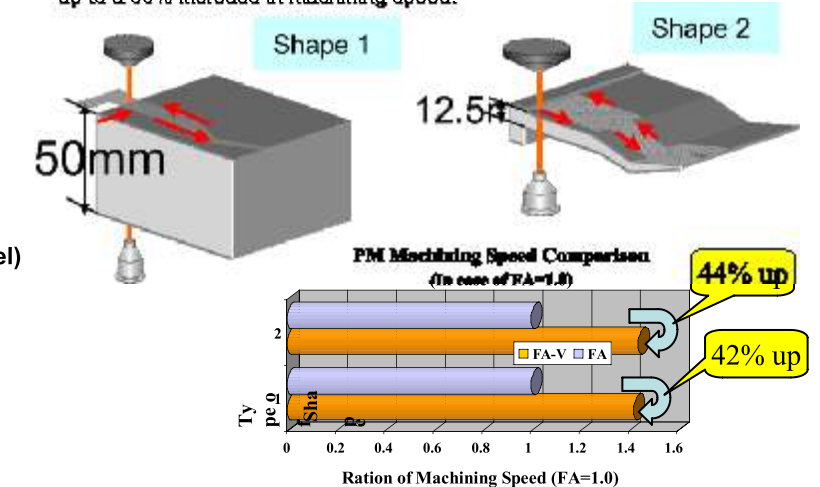


- Machining speed in 300 Sq. thick workpiece machining (Steel)
- 160 mm³/hr (FA: 0.3mm BS)
- 240 mm³/hr (FA-V: ϕ 0.3mm BS)
- 1.5 times faster than FA
- 42 mm³/hr (FA-V: ϕ 0.36 V-wire)
- 2.7 times faster than FA



PM4 Power Master Control

PM4 Power Master Control can select all machining parameters including cutting feed rates and offsets. It will also optimize power settings to match workpiece conditions and thickness changes. A new addition to PM4 is complete technology support for both brass and high-speed coated wires with up to a 50% increase in machining speed.



		Machine Specifications	FA40V
Machine unit	Max Workpiece Dimensions (W x D x H)	mm	1550 x 1300 x 396
	Max Workpiece Weight	Kg	4000
	Table Dimensions	mm	1360 x 1175
	Machining Range (X x Y x Z)	mm	1000 x 800 x 400
	Wire Dia. by AT Devise	mm	0.2 ~ 0.3 (0.36 No AT)
	Wire Tension	N	50 ~ 2500
	Automatic Wire Threader		Standard
	Min. Start Hole Dia.	mm	0.5
	Taper Machining Unit		Standard
	Taper Unit Travel (U x V)	mm	± 75 x ± 75
Max. Taper Angle	deg	15 @ 260mm thickness	
Overall Machine Dimensions (W x D x H)	mm	3110 x 4150 x 2725	
Machine Weight	Kg	7500	
Fluidsystem	Tank Capacity	Ltr	2460
	Filtered Particle Size	μ m	3
	Filter Elements		4 paper filters
	Ion Exchange Resin	Ltr	10
	Overall Dimensions (W x D)	mm	1485 x 3080

