

A-series Wire Cut

- ▶ **Advanced compact design**
Saving space nearly 25% compared to conventional model.
- ▶ **Renowned quality and accuracy**
By ISO 9001, I4001 certified manufacture.
- ▶ **Revolutionized control W5F**
Enabling to provide intelligent and network function.
- ▶ **High C/P value**
Excellent performance at an economic cost.
- ▶ **New AC- μ Circuit (Optional)**
Achieving the best roughness.
- ▶ **In-house B-Axis (Optional)**
Enhancing the Turn and Burn cutting application.



All-in-one compact type wire cut EDM (CE)

S pecifications

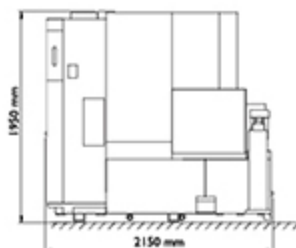
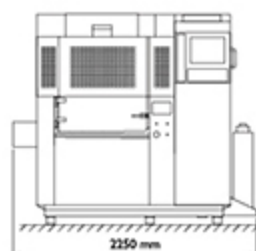
Model		A422S
Machine Body	Axis Travel (X x Y x Z)	400 x 250 x 220 mm / 15.7" x 9.8" x 8.6"
	Auxiliary Table Travel (U x V)	60 x 60 mm / 2.4" x 2.4"
	Max. Size of Workpiece	800 x 560 x 215 mm / 31.5" x 22.0" x 8.50"
	Max. Weight of Workpiece (kg/lb)	770 (F) / 550 (S)
	X Y Feed Rate	Max. 800 mm/min. / Max. 31.5"/min.
	Axis Drive System	AC servo motor
	Wire Diameter Range	φ 0.15~0.3 mm / φ 0.006"~0.012"
	Max. Wire Feed Rate	300 mm/sec. 11.8"/sec.
	Wire Tension	300-2500 gf
	Taper Angle (mm/inch)	±14.5°/80mm (Wide angle taper nozzle, DA+DB=15 mm)
	Machine Weight	2050 kg / 4510 lb
Working Fluid Supply Unit	Tank Capacity	480L
	Filter Element	Paper
	Ion Exchange Resins	14 L
	Conductivity Control	Auto
	Fluid Temperature Control	Auto
Power Supply Unit	Circuit System	Power MOS Transistor
	Max. Output Current	25A
	IP Select	10
	Off Time Select	50
CNC Unit	Data Input	Keyboard, RS-232C, USB, LAN
	Display	15-Inch Color
	Control System	32 bit, 1-CPU, Semi Closed Loop
	Control Axis	X, Y, Z, U, V (5 axis)
	Setting Unit	0.001 mm
	Max. Command Value	±9999.999 mm
	Interpolation	Linear / Circular
	Command System	ABS / INC
	Machining Feed Control	Servo / Const. Feed
	Scaling	0.001~9999.999
	Machining EDM Condition Memory	1000~9999
	Total AC Power Input	3 Phase 220±10% / 13KVA

All specifications, dimensions and design are subject to change without prior notice.



▲ WIRE FEEDER UNIT

Wire Feeder can supply wire continuously for over extended periods (About 150HR at 30 KG loading of wire electrode)



S tandard Accessories

- | | |
|--|-----------|
| 1. Paper Filter | 2 pcs |
| 2. Upper / lower 0.26 mm diamond guide | 1 set |
| 3. Energizing Plates | 2 pcs |
| 4. Ion Exchange Resin (6 Litre) | 1 package |
| 5. Upper / lower flushing nozzle | 1 set |
| 6. Diamond guide remove jig | 1 set |
| 7. 0.25mm Brass wire | 1 spool |
| 8. Fixture | 1 set |
| 9. Auto Vertical Alignment Jig | 1 set |
| 10. Auto Wire Threading (AWT) | 1 set |
| 11. 2-in-1 Transformer + AVR | 1 set |
| 12. Remote Monitoring | 1 set |
| 13. AC/DC Power | 1 set |
| 14. Chiller | 1 set |

O ptional

1. Ø 0.1mm wire unit
2. AC-μCircuit
3. Wire Chopper
4. Wire feeder unit
5. Bridge Rule
6. B-Axis (6th Axis Function)
7. Glass Linear scale

IN-HOUSE B-AXIS ▶

6 th Axis Continuous Cut or Indexing with Submerge B-Axis



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