

CNC Electric Spark Discharge Machine

FEATURE :-

- New generation FUZZY intelligent parameter editing function, adaptive discharge machining control.
- Multi-segment parameter setting and different segments can be switched over easily Adaptive discharge machining control
- Quick speed lifting for spindle and the height can be changed
- Spindle can be controlled by fixed point, and the discharge gap can be detected Oil level control, Fireproof control
- Anti-carbon deposition function
- Mirror surface processing
- Hand control box

Digital control Discharge Generator :-

- AUTO processing function unit
- Automatic positioning function unit
- High speed and high precision machining system.
- Automatic arc cleaning circuit unit
- Mirror processing circuit unit
- Hard material (such as Tungsten, Titanium) processing circuit unit.
- Fill the parameter in the process code easily
- Data restore in case of power failure
- warning with error message if abnormal opation



CNC Electric Spark Discharge Machine

Specification	Unit	FCNC-430	FCNC-540	FCNC-650	FCNC-850	FCNC-1060	FCNC-1260
Work Tank Internal Size	mm	980x630x410	1370x720x450	1650x900x540	1650x1100x600	2000x1300x700	2000x1300x700
X,Y & Z Travel size	mm	400x300x300	500x400x300	600x400x350	800x500x400	1000x600x450	1200x600x450
Working table size	mm	600x400	850x450	900x550	1000x600	1250x800	1250x800
Distance from Electrode Plate to work table	mm	270-570	390-690	350-700	500-900	550-1000	550-1000
Max. Electrode weight	kg.	50	150	150	200	300	300
Max. Workpiece weight	kg.	1200	1800	2000	3000	3500	3500
Oil Tank Capacity	Ltr.	470	800	1000	750x2	900x2	900x2
Controller Use		FCNC-30A	FCNC-60A	FCNC-60A	FCNC-60A	FCNC-60A	FCNC-60A
Machine Power	kw.	2.5	2.5	2.5	2.5	2.5	2.5
Total Power	kw.	7.5	12.5	12.5	12.5	12.5	12.5
Dimension (mm)	(L x W x H)	1860x2000x2500	1890x2160x2500	2000x2340x2530	2320x2540x2600	2920x2860x2720	3180x2920x2850
Overall weight	kg.	2000	2500	4000	4500	5500	5500

Electric Control Cabinet

Specification	Unit	FCNC-30A	FCNC-60A
Max. Processing Current	A	30/60	
Max. Processing	mm ³ /min	300	300
Optimum Roughness	μm	0.1	0.1
Min. Electrode Consumption		≤0.1%	≤0.1%
Controller power	kw.	5.0	10.0

Standard Accessories :-

- 15" LCD Screen
- Auto Fire Extinguisher
- Halogen Work Lamp
- Clamping
- Leveling Pad
- Flushing Nozzle
- Patented Electrode Holder
- Paper Filter
- Drill Chuck
- Tool Box
- Remote Controller

Optional Accessories :-

- 3R/ EROWA ATC 4/6T
- Measuring Probe
- Dielectric Cooler
- Permanent Magnetic Table
- EZ-SPARK for Super Hard Work Piece