



POWER DRIVE
Perfect EDM Solution

ROBO - EDM MACHINE (Sparking Machine DSP Series)



Main Feature

- Attachment of Orbiting System. It can use Threading, Polishing & Undercut Process.
- NC Controlled Z-Axis feed.
- Compact design for small part machining.
- Rigid Machine base.
- Linear scales in all axes to ensure constant precision.
- Separate dielectric reservoir.
- Low-maintenance and high efficiency.
- DC Servo-drive for precise control and system stability.
- Anti-carbon automatically detection circuit.
- 10-Stage program to finish one time from rough to precise.
- Easy to learn operation.
- Direct parameter input and adjustment at the control panel.
- Translating between Chinese and English, Metric and Imperial.
- Machining parameters for specific operations can be stored.
- Fire prevention and liquid level control automatically.
- Different discharge system as optional.
- Conform to the CE safety standard of power box.

Specification:

Model	Unit	ROBO 25	ROBO 30	ROBO 35	ROBO 45	ROBO 50	ROBO 70
Working Table Size	mm	280 x 450	280 x 500	380 x 600	450 x 700	500 x 800	700 x 1,200
Oil Groove Size	Mm	820*490*280	890*530*320	980*650*350	1200*770*450	1400*860*500	2000*110*600
X Axis Travel	Mm	250	300	350	450	500	700
Y Axis Travel	Mm	200	200	250	350	400	600
Z Axis Travel	Mm	200	200	200	200	250	300
Spindle Stroke	Mm	--	--	200	250	250	300
Working Span	Mm	540	580	700	730	800	1000
Max Electrode Weight	Kg	30	50	50	75	100	200
Max. Work piece Weight	200	200	300	500	700	1000	2000
Machine Dimension	Mm	1390*1480*2010	1390*1480*2010	1440*1460*2225	1560*1600*2165	1810*1500*2300	1855*1410*2550
Machine Weight	Kg	1000	1200	1300	1800	2000	3800

Control System



Model	Unit	ROBO 40 Amps	ROBO 60 Amps	ROBO 80 Amps	ROBO 100 Amps
Max. Processing Current	Amps	40	60	80	100
Max. Processing Speed	Mm3/min	200	350	500	800
Min. Electrode Consumption	%	< 0.2%	< 0.2%	< 0.2%	< 0.2%
Best Surface Roughness	Um	Ra < 0.3	Ra < 0.3	Ra < 0.3	Ra < 0.3

All types of EDM Machine Sales, Spares & Service

POWER DRIVE

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