

JS - ZNC EDM MACHINE



JS – EDM ZNC EB304B

JS – EDM ZNC EB3010N-2H

Main Feature

- The Machine frame has run through FC30 by having heat treatment and annealing process to ensure the metal with high toughness and prevent deformation.
- The working table has gone through high frequency induction hardening and surface polishing to increase hardness and degrease tolerance.
- Ball Screw are utilized in X, Y Axis.
- One V and one flat design for accuracy.
- The Contacting faces of X,Y Axis are TURICE-B for smoother movement.
- Linear guide way and high accuracy screw used on Z-Axis, with PWM servo system can be perform maximum working efficiency.
- Remote Controller is provided to the user.
- Back slide is provided for Z-Axis.

Standard Accessories

- Work Head: 1 Set
- Automatic Fire Extinguisher: 1 Pc
- Working Lamp: 1 Pc
- Tool Box: 1 Set

Optional Accessories

- 3R / EROWA Clamping tool
- CNC oblique Ioran
- Permanent magnet chuck
- All modal can upgrade to PNC or CNC Control system
- DC Servo motor control is able to add on X/Y axis.



Technical Specification ZNC EDM Machine

Model	Unit	EB304B	EB606N	EB707B	EB808B
Capacity of Work Tank	mm	870x520x320	1100x600x400	1300x700x460	1600x995x520
Work Table Size	mm	600x300	700x400	800x450	1000x600
Longitudinal Travel (X-Axis)	mm	300	400	550	700
Cross Travel (Y-Axis)	mm	200	300	450	500
Z-Axis Travel (Z-Axis +W-Axis)	mm	200+200	180+250	200+280	300+380
Distance between platen to table	mm	420	640	670	960
Max. Electrode Weight	Kgs	60	100	120	250
Max. Work piece Weight	Kgs	800	1500	1500	2500
Fluid Tank Capacity	Ltr	300	350	650	1030
Machine Dimension (WxDxH)	mm	2100x1000x2000	2500x1500x2250	3200x1600x2250	3600x1700x2450
Machine Weight	Kgs	950	1800	2100	3500
Max. Machining Current	Amps	30 / 60	60 / 90	60 / 90	60 / 90
Max. Power Input	KVA	4 / 7	7 / 10	7 / 10	7 / 10
Max. Machining rate mm ³ /min	mm ³	200 / 400	400 / 600	400 / 600	400 / 600
Min. Electrode Wear out ratio	%	0.15	0.15	0.15	0.15
Best Surface / Ra	μm	0.2	0.2	0.2	0.2
Min. D.R.O Resolution	mm	0.005	0.005	0.005	0.005

Model	Unit	EB860N	EB1060N	EB1270N	EB1470N
Capacity of Work Tank	mm	1800x1100x620	1900x1100x620	2100x1250x620	2250x1350x620
Work Table Size	mm	1200x700	1250x750	1350x820	1850x1000
Longitudinal Travel (X-Axis)	mm	800	1000	1200	1400
Cross Travel (Y-Axis)	mm	600	600	700	700
Z-Axis Travel	mm	500	500	500	500
Distance between platen to table	mm	450 ~ 950	450 ~ 950	510 ~ 1010	550 ~ 1050
Max. Electrode Weight	Kgs	350	350	400	450
Max. Work piece Weight	Kgs	4000	4500	5000	6000
Fluid Tank Capacity	Ltr	1400	1600	1900	2100
Machine Dimension (WxDxH)	mm	3400x3250x3200	3600x3250x3200	4000x3400x3250	4300x3400x3250
Machine Weight	Kgs	4700	5200	6500	8000
Max. Machining Current	Amps	90 / 120 Optional	90 / 120 Optional	90 / 120 Optional	90 / 120 Optional
Max. Power Input	KVA	10 / 13	10 / 13	10 / 13	10 / 13
Max. Machining rate mm ³ /min	mm ³	600 / 800	600 / 800	600 / 800	600 / 800
Min. Electrode Wear out ratio	%	0.12	0.12	0.12	0.12
Best Surface / Ra	μm	0.2	0.2	0.2	0.2
Min. D.R.O Resolution	mm	0.005	0.005	0.005	0.005

Model	Unit	EB1510N	EB1675N	EB1880N	EB2010N
Capacity of Work Tank	mm	2300x1700x800	2400x1320x700	2600x1320x700	2700x1700x800
Work Table Size	mm	1580x1100	1850x1000	1850x1100	2250x1100
Longitudinal Travel (X-Axis)	mm	1500	1600	1800	2000
Cross Travel (Y-Axis)	mm	1000	750	800	1000
Z-Axis Travel	mm	600	550	600	600
Distance between platen to table	mm	650 ~ 1250	500 ~ 1050	450 ~ 1050	660 ~ 1260
Max. Electrode Weight	Kgs	500	450	500	500
Max. Work piece Weight	Kgs	11000	6500	7000	9500
Fluid Tank Capacity	Ltr	3500	2600	2800	4100
Machine Dimension (WxDxH)	mm	4600x4800x3620	4800x3800x3200	5000x4000x3200	5200x4500x3570
Machine Weight	Kgs	14500	8500	9000	12500
Max. Machining Current	Amps	90 / 120 Optional	90 / 120 Optional	90 / 120 Optional	90 / 120 Optional
Max. Power Input	KVA	10 / 13	10 / 13	10 / 13	10 / 18
Max. Machining rate mm ³ /min	mm ³	600 / 800	600 / 800	600 / 800	600 / 800
Min. Electrode Wear out ratio	%	0.15	0.15	0.15	0.15
Best Surface / Ra	µm	0.2	0.2	0.2	0.2
Min. D.R.O Resolution	mm	0.005	0.005	0.005	0.005

Model	Unit	EB2210N	EB2210N-2H	EB3010N	EB3010N-2H
Capacity of Work Tank	mm	2900x1700x800	2900x1700x800	3900x1700x800	3900x1700x800
Work Table Size	mm	2250x1100	2250x1100	3100x1100	3100x1100
Longitudinal Travel (X-Axis)	mm	2200	1550(SM) 775(DM)	3000	2550(SM) 1275(DM)
Cross Travel (Y-Axis)	mm	1000	1000	1000	1000
Z-Axis Travel	mm	600	600	600	600
Distance between platen to table	mm	660 ~ 1260	720 ~ 1320	660 ~ 1260	720 ~ 1320
Max. Electrode Weight	Kgs	500	500	500	500
Max. Work piece Weight	Kgs	9500	10000	16000	16000
Fluid Tank Capacity	Ltr	4100	4700	5800	6000
Machine Dimension (WxDxH)	mm	5000x4600x3570	6500x4600x3570	6000x4600x3620	7000x4600x3620
Machine Weight	Kgs	13500	15000	19000	21000
Max. Machining Current	Amps	120	120	120	120
Max. Power Input	KVA	13	13	13	13
Max. Machining rate mm ³ /min	mm ³	800	800	800	800
Min. Electrode Wear out ratio	%	0.15	0.15	0.15	0.15
Best Surface / Ra	µm	0.2	0.2	0.2	0.2
Min. D.R.O Resolution	mm	0.005	0.005	0.005	0.005

All types of EDM Machine Sales, Spares & Service

POWER DRIVE

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