

MEGA SERIES

ZNC EDM

MEGA - 0/1/2/3

Expertise at your fingertips



Features :

- Hand-held remote control
- Built-in 'Ez-GURU'
- Fixed table moving column
- Motorised X & Y Axis with LM Guide & Ball screw
- Z Axis AC servo
- Best surface finish - $0.3 \mu Ra$

High-performance S series Generator

- Guaranteed lowest electrode wear with high MRR
- Multistage anti-arc control
- Hand-held remote control unit for ease of operation
- Equi-energy e pulse

S ZNC

- Programable Pulse Generator with equi-energy pulse
- Reverse servo machining
- Higher Material Removal Rate due to equi-energy pulse
- Reduced electrode wear with high MRR
- Built-in super finish function
- SAFE machining circuit inside



“Built-in Ez-GURU”

Simple 4-Step Mega Programing

- 1** Provide positioning information and depth to go
- 2** Provide basic information such as electrode & workpiece material, machining area, etc.
- 3** Select START & END steps from the recipe generated by “Ez-GURU” depending upon the surface finish required
- 4** Press single key to generate the program automatically

Technical Specifications

Machine Tool	Mega 0	Mega 1	Mega 2	Mega 3
X AXIS TRAVEL (m.m.)	450	600	800	1200
Y AXIS TRAVEL (m.m.)	350	400	500	600
Z AXIS TRAVEL (m.m.)	300	400	400	500
WORKTABLE SIZE X (m.m.)	700	900	1100	1250
WORKTABLE SIZE Y (m.m.)	400	600	600	800
MAX PERMISSIBLE LOAD ON TABLE (k.g.)	1000	2500	3000	4500
MAX ELECTRODE WEIGHT (k.g.)	100	100	200	200
DAYLIGHT (m.m.)	620	655	900	1000
SHUTHEIGHT (m.m.)	320	255	500	500
WORK TANK INTERNAL DIM (X) (m.m.)	1080	1500	1800	2100
WORK TANK INTERNAL DIM (Y) (m.m.)	700	900	1100	1250
WORK TANK INTERNAL DIM (Height) (m.m.)	450	500	570	620
DIELECTRIC CAPACITY (Ltrs.)	640	970	1500	2500
Generator (Amps)	50	50	70	70
M.R.R. Cu-Steel mm ³ /min*	350	350	450	450
M.R.R. Gr-Steel mm ³ /min*	500	500	650	650
Minimum Electrode wear%	0.2	0.2	0.2	0.2
Targeted Best Finish*	0.3 µRa on steel	0.3 µRa on steel	0.3 µRa on steel	0.3 µRa on steel
X, Y Screw	Ballscrew	Ballscrew	Ballscrew	Ballscrew
Z Screw	Ballscrew	Ballscrew	Ballscrew	Ballscrew
Servo X, Y	DC Servo	DC Servo	DC Servo	DC Servo
Guide Way X Y	LM	LM	LM	LM
XY Movement	Motorized	Motorized	Motorized	Motorized
Servo Z	AC Servo	AC Servo	AC Servo	AC Servo
Guideway Z	LM	LM	LM	LM
Back Slide	NA	NA	NA	NA
Jump Speed Z Mtr/Min (ZNC)	5	5	5	5
Pump Motor (HP)	1 HP	1 HP	1 HP x 2	1 HP x 2

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