

MEGA SERIES

CNC EDM

MEGA-0/1/2/3

Expertise at your fingertips



Features :

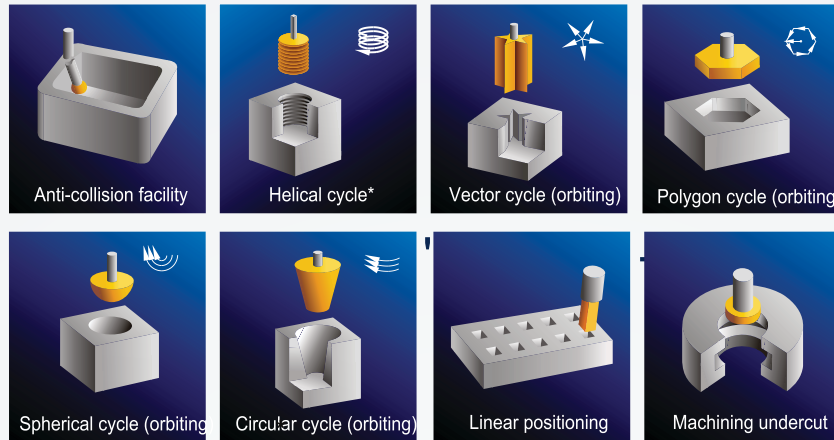
- Moving head, fixed table
- High-speed jump 10 mtr/min.
- Canned orbiting cycles
- X, Y, Z, Axis with LM guide & Ball screw
- Direct coupled AC servo for X, Y, Z, Axis
- Best surface finish - 0.3 μ Ra
- Definable erosion axis
- Adaptive anti-arc & flushing control
- EROWA MAKE Manual Chuck with Electrode holding device (OPTIONAL)
- SAFE machining circuit
- Canned orbiting cycles
- Integrated 'C' axis (optional) EROWA MAKE
- 4 tools Automatic Tools Changer (Optional) EROWA MAKE
- Linear optical scales of 0.0005 mm resolution on all 3 axis (optional)
- Mega 3 & Mega 5 models on special request



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'No Flush - No Arc'



Possible with optional 'C' Axis

Technical Specifications

Machine Tool	Mega 0	Mega 1	Mega 2	Mega 3
X AXIS TRAVEL (mm)	450	600	800	1200
Y AXIS TRAVEL (mm)	350	400	500	600
Z AXIS TRAVEL (mm)	300	400	400	500
WORKTABLE SIZE X (mm)	700	900	1100	1250
WORKTABLE SIZE Y (mm)	400	600	600	800
MAX PERMISSIBLE LOAD ON TABLE (Kg.)	1000	2500	3000	4500
MAX ELECTRODE WEIGHT (Kg.)	100	100	200	200
DAYLIGHT (mm)	620	655	900	1000
SHUTHEIGHT (mm)	320	255	500	500
WORK TANK INTERNAL DIM (X) (mm)	1080	1500	1800	2100
WORK TANK INTERNAL DIM (Y) (mm)	700	900	1100	1250
WORK TANK INTERNAL DIM (Height) (mm)	450	500	570	620
DIELECTRIC CAPACITY (Ltrs.)	640	970	1500	2500
Generator (Amps)	50	50	50	70
M.R.R. Cu-Steel mm ³ /min*	350	350	350	350
M.R.R. Gr-Steel mm ³ /min*	500	500	500	500
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	AC Servo	AC Servo	AC Servo	AC 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 (NC)	5	5	5	5
Jump Speed Z Mtr/Min (ZNC)	10	10	10	10
Pump Motor (HP)	1 HP	1 HP x 2	1 HP x 2	1 HP x 2

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Poddar Group

In keeping with our constant endeavour to meet ever-changing market needs, we reserve the right to alter or change the specifications mentioned without prior notice.

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An ISO 9001:2015 Certified Organisation

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