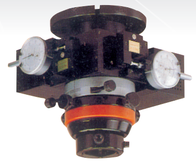
FEATURES OF EZ SERIES

Head Of 15kgs Load

- Size:200x200x200mm
  Weight:13kgs
  Xy Travel:±5mm
  Max.electrode Load:15kgs
  Head Of 15kgs Load

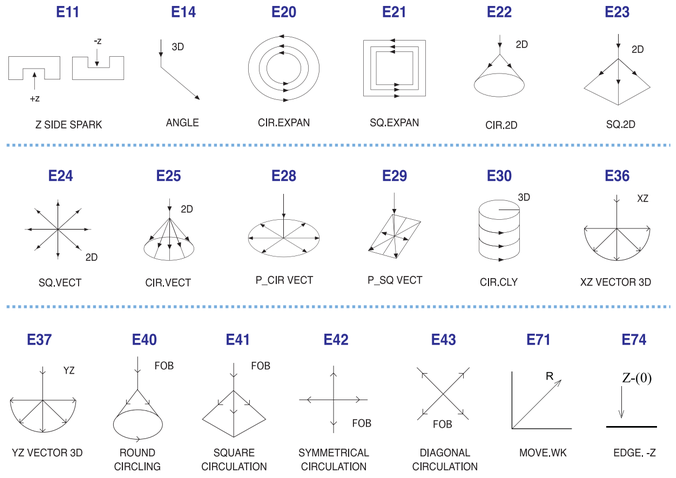


Fuzzy–A.I. Function

- Friendly conversation window available.
  Anti-arc circuitry and rapidly reaction for better flushing in precision process.
  Suitable working conditions easily and quickly come up by just keying in electrode and work piece material, sparking current and desired surface roughness.

SPECIFICATION OF E CODE FUNCITON

SEZ000Ev01



STANDARD ACCESSORIES

- Paper filter -------- 2pcs
- Tool box ---------- 1set
- Clamping kits ------- 1set
- Flushing nozzle ---- 2sets
- Machine stand -------1set
- Drill chuck ----------1set
- Electrode holder ----- 1set
- Halogen work lamp -- 1set

OPTION

- Build-in Loran Orbitor
- Fire extinguisher
- System 3R Tooling
- Magnetic Base
- Erowa Tooling
- CE Conformity
- Z axis linear scale

SPECIFICATION :

SEZ000Ev01

Machine	Unit	CM 323Z	CM 434Z	CM 545Z	CM 655Z
Table size (WxD)	mm/inch	500x350/19.7x13.8	650x400/25.6x15.7	800x500/31.5x19.7	1000x600/39.4x23.6
X、Y Axis Travel (Without Orbit cut device)	mm/inch	300x200/11.8x7.9	400x300/15.7x11.8	500x400/19.7x15.7	600x500/23.6x19.7
X、Y Axis Travel (Without Orbit cut device)	mm/inch	300x175/11.8x6.9	400x275/11.8x10.8	500x375/19.7x14.7	600x475/23.6x18.7
U,V axis travel	mm	±5	±5	±5	±5
Work tank size (WxDxH)	mm/inch	820x500x300/ 32.2x19.7x11.8	1050x600x300/ 41.3x23.6x11.8	1250x700x500/ 49.2x27.6x19.7	1500x800x500/ 59x31.5x19.7
Ram travel (Z1)	mm/inch	300/11.8	350/13.8	500/19.7	500/19.7
Distance from RAM platen to work table	mm/inch	250-550/9.8-21.7	205-555/8.1-21.8	205-705/8.1-27.8	250-750/9-8-29-5
Max. electrode weight (without OB)	kg / lb	60 /132	100/220	300/660	300/660
Max. electrode weight (with OB)	kg / lb	15/33	15/33	15/33	15/33
Max. workpiece weight	kg / lb	500/1100	750/1650	1500/3300	2250/4950
Outside dimensions (WxDxH)	mm/inch	1300x1300x2150/ 51.2x51.2x84.6	1400x1340x2190/ 55x52.7x86.2	1600x1600x2650/ 63.0x63.0x104.3	1860x1700x2750/ 156.2x94.8x108.2
Weight	kg/ lb	1000/ 2200	1400/ 3080	3200/ 7040	3500/ 7700
For Dielectric		D323	D434	D545	D560

Dielectric	Unit	D323	D434	D545	D560
Volume	L	280	390	720	900
Paper filter	set	2	2	4	4
Pump	HPxset	0.5x1	0.5x1	0.5x2	0.5x2
Weight	kg / lb	built in	80 / 176	110/ 242	160/ 352
Outside dimensions	mm/ inch	built in	1400x800x430 / 55x31.5x16.9	1800x800x500 /70.8x31.4x19.6	1800x1000x500 /70.8x39.3x19.6

Power Supply	Unit	50EZ	75EZ	50B Booster	75B Booster
Max. machining current	A	50	75	50	75
Max. power input	KVA	5	6	4	5
Max. machining speed	mm³/min	350	550	350	550
Electrode wear rate	%	0.2	0.2	*	*
Best surface roughness	μm/Ra	0.45 / 0.2 (OB)	0.45 / 0.2 (OB)	*	*
Outside dimensions	mm/ inch	620 x 720 x 1860 / 24.4 x 28.3 x 73.2	620 x 720 x 1860 / 24.2 x 28.3 x 73.2	574x472x1730 / 22.6× 18.6 × 68.1	574x472x1730 / 22.6× 18.6 × 68.1
Weight	kg / lb	200 / 440	240 / 528	200 / 440	240 / 528

• Note:The manufacturer reserves the right to modify the specifications without notice. Above list for reference.

CHMER
CHING HUNG MACHINERY & ELECTRIC INDUSTRIAL CO., LTD.
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http://www.chmer.com • E-mail:overseas@mail.chmer.com

Agent or Distributor:

SEZ000Ev01

CHMER

Pursuit of Remarkable Advance
Prudent and Pragmatic Management

Rising Star Award | National Award | IT'S VERY WELL MADE IN TAIWAN

EZ SERIES



[CM 655Z+75EZ]

UPGRADE AND MORE EFFECTIVE THAN TRADITIONAL EDM

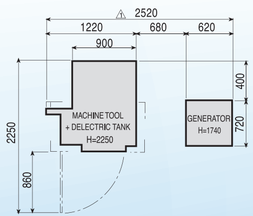
THE FIRST ISO 9002 APPROVED & RECOGNIZED MANUFACTURER IN TAIWAN

COMPLETED FUNCTIONS

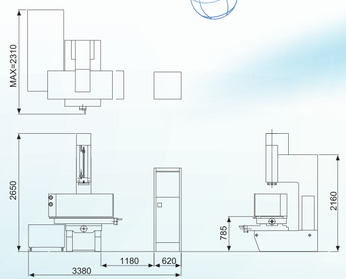
- Adopted AC servo motor design in Z-axis free of confusion about motor brush replacement. (CM323Z/CM434Z/CM545Z/CM655Z)
- Efficient residue removal at 1.8 m/min by adjustable J.T. & WT function.
- 15" TFT LCD Monitor
- Three Axes DRO (Direct Read Out) display.
- Inch/Metric unit switchable.
- Programmable CNC control; an average power output circuit design as well as traditional machine, it brings a steady, low electrode wear and fine finish processing on the job, and more.
- Hole Center search calculated by 1/2 automatically.
- Extra 20 sets work coordination could be applied at any job.
- Built in Anti-Arc protection.
- Z-axis Ball -screw backlash error calibration to travel.
- Adjustable Z-axis servo (up /down time and reciprocation distance for higher processing efficiency)
- Multi preset positions on Z-axis for optimum roughing to finishing setting.
- Smoothly processing from roughing to fine finishing, depth control about up/downward processing is available.
- 1000 built-in machining parameters that can be manually edited during processing.
- Dialogue programming editor to help users to process a quickly job.



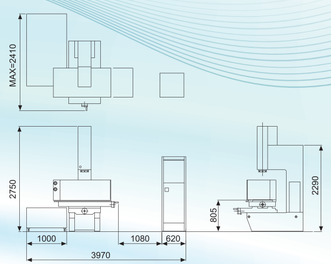
CM 323Z+50EZ





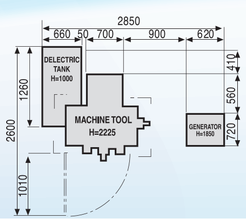


CM 545Z+75EZ



CM 655Z+75EZ





CM 434Z+50EZ

EZ+ LORAN ORBITOR (OB) FUNCTION

- Innovative ORBIT function driven by CHMER controller, a perfect match to coordinate each axis movement.
- Machine action by specific controller. (Patent number M254289)
- Able to work on multi-block different depths, orbit radius, continuous sparking without interference.
- High efficiency 3 axes 45 degree machining.
- Multi-orbiting mode available.
- Friendly operation. Working graph and path are shown on display.
- Z-Lock function working with loran oribitor to meet variety job requirements.
- Programmable residue removing by J.T. & W.T. functions to enhance process efficiency.
- During processing, UVZ discharging status is under control to enhance process efficiency.

OPERATION INTERFACE

- Simplified operation interface easily to wield 80% machine performance to user.
- Friendly operation interface and attached clearly manuals to shorten the training time of any operator. Working becomes very efficiency.
- Dialogue programming editor, just input the data like as: electrode size, work-piece material, depth and required surface roughness, NC programming immediately and user may modify the setting any time during the process.

E-CODE FUNCTION

- CHMER Unique E-Code function to simplify NC programming instead of G,M code; to reach 3 axes synchronize action for the same.
- Variety E-code path functions to meet different job requirement accordingly.
- A simplified E-code graph illustrator to clarify users how to apply in use for the job.