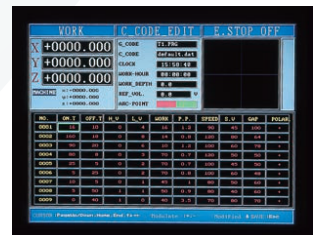
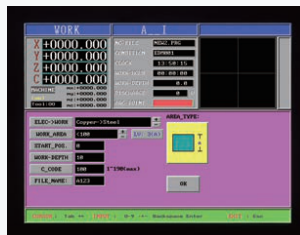
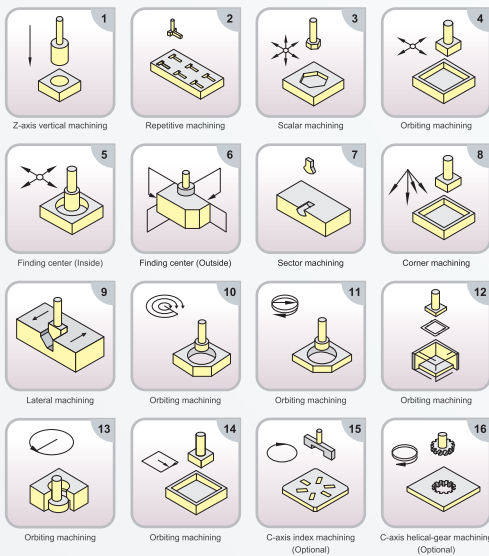


CNC EDM SMART CNC PRO

Smart Solutions for mould making.

Unlimited machining possibilities



• "AI" function, with built-in the capacity of "ARTIFICIAL INTELLIGENCE", automatically adjusts for optimum performance.

• Alarm message, all alarms are recorded in processing log.

• 256 processing conditions allow the operator to amend the condition when processing.

Features

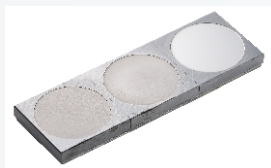
- Best Surface finish 0.2~0.25 μ Ra
- Belt Drive AC Servo Motors
- Definable erosion axis
- Canned orbiting cycles
- Adaptive anti-arc and Flushing control
- C Axis (Option) EROWA /System 3R
- X, Y axis with LM guide & ball screw
- Low wear $\leq 0.12\%$
- Dual feedback system for consistency in precision





Threading in Carbide

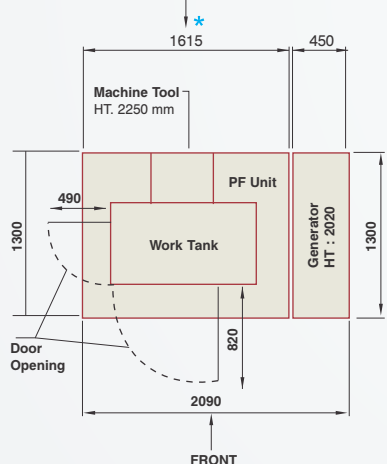
Workpiece : carbide
Electrode : Copper
No. of electrodes : 1
Time : 3 hr. 45 min.



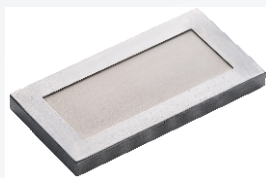
Best Surface Finish

Floor Plan

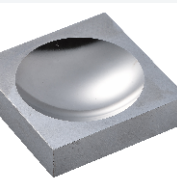
Smart CNC



Room size : 2800 x 3090 x 3000 All dimensions in mm
★ Air-conditioner position



Arc-Free Graphite Machining



Mirror Finishing



Deep Cavity Rib Machining with Ultra-low Electrode wear

Electrode : Copper
No. of electrodes : 1
Time : 3 hr. 20 min.
Surface finish : 1.8 μ Ra

Technical Specifications

Machine Tool	Smart CNC PRO	Smart CNC Plus PRO
Work tank internal dimensions (W x D x H)	800 x 500 x 350 mm	100 x 600 x 400
Work table dimensions	550 x 350 mm	600x400mm
Traverse (X,Y,Z)	300x200x250mm	400x300x300mm
Maximum job weight	300 kg	500 kg
Maximum electrode weight (with accessories)	70 kg	100 kg
Maximum job height	250 mm	300 mm
Dielectric unit		
Dielectric capacity	400 Litres	
Filter element	10 μ paper cartridge 2 nos.	
Pulse Generator	S 60 CNC	
Pulse generator type	MOSFET	
Maximum working current	60A	
Max. MRR (Cu-St)	350 mm ³ /min.	
Max. MRR (Gr-St) (GR-1)	500 mm ³ /min.	
Best surface finish (Cu-St)	0.2~0.25 μRa	
Min. electrode wear (Cu-St & Gr-St)	< 0.12%	
Power supply	3 phase, 415 V * AC , 50 Hz	
Connected load	6 kVA	

* Alternate power supply ratings available on request

electronica
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.

Electronica India Limited

An ISO 9001:2015 Certified Organisation

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