

# ZNC SERIES

## Advantages of Sparkonix ZNC Machine

- DC Servo Motor With Belt Drive For Steady Sparking
- High Jump Speed In Erosion Condition
- Hand Pendant For Electrode Positioning
- Low Electrode Wear Even On Sharp Corner
- Longer Electrode Life
- High Efficiency Rib Machining
- Built-In Super Finish Function
- Built In Safe Machining Circuit
- Z Axis Lock System Also Provided
- Excellent Repeat Positioning Accuracy
- Safety Inter Lock Signal for Input Supply, Servo Over Load, Fire Indication, Oil Level Indication With Float Switch, Depth Indication, Edge Finder and Z Lock Indication, etc.

## Features 50 Amps ZNC Machine

- EDM Technology At Glance On CRT
- 100 Machining Program In Memory File.
- Bar Graph Display For Programmed Depth
- 3axis Position Display For Electrode Movement
- Built-In Multistage Ant-Arc Circuit With Buzzer
- Easy Polarity Selection
- Day-Night Function



Specifications of ZNC Machines

Machine Tool	Unit	S 50 ZNC	S 65/50 ZNC	F 50 ZNC	F 65/50 ZNC
Work Tank	mm	900 X 550 X 375	1150 x 660 x 450	1200 X 600 X 450	1500 X 800 X 500
Work Table	mm	600 X 400	700 x 420	800 X 500	1000 X 600
X Travel	mm	350	450	400	500
Y Travel	mm	225	350	300	400
Z Travel	mm	250	200+200	250	250
Max Electrode Wt	Kgs	70	70	70	70
Max Job Wt	Kgs	500	600	2000	3500
Max Job HT	mm	325	400	400	400
Die Electric Tank	Liters	300	500	650	950
Filtration - Vertical		10 micron - 2 Nos			10 micron - 4 Nos
Approximate Weight	Kgs	1300	1700	1700	2100
Machine Floor Area	mm	2150 x 1400 x 2100	1850 x 1300 x 2200	1550 x 2250 x 2100	2400 x 2700 x 1950
<b>Pulse Generator</b>					
Current	Amps	50			
Power Supply		415V, 3 Phase, 50Hz			
Power	KVA	5			
MRR Gr -St	mm <sup>3</sup> /min	400			
MRR Cu -St	mm <sup>3</sup> /min	300			
Best Surface finish	μ Ra	0.5			
Min Electrode wear	%	0.3			
Pulse on time	micro sec	Progr. Steps			