

# S SERIES

## Features Mechanical :

- Two Part Design
- Low Working Height
- Vertical 10 Micron Filtration System
- Double Side Needle Roller Bearing
- Ball Screw For X & Y Axis
- Moving Tank And Front Opening Door
- Hardened Ground Rhomboid Quill

## Features Pulse Generator (MOSFET)

- MOSFET Controller with DC Stepper Motor
- Variable Setting for Motor, Feed, Sensitivity And Speed.
- Anti-Arc Buzzer
- Reverse Polarity Change Over Available
- Reverse Spark Possible
- Safety Interlocks Present



S 25



S 35



S 50

## Specifications of S Series Machines

Machine Tool	Unit	S 25	S 35	S 50	S 65
Work Tank	mm	600 X 400 X 275	800 X 500 X 325	900 X 550 X 375	1150 x 660 x 450
Work Table	mm	400 x 300	550 X 350	600 X 400	700 x 420
X Travel	mm	200	300	350	450
Y Travel	mm	150	200	225	350
Z Travel	mm	200	200	250	200+200
Max Electrode Wt	Kgs	35	50	70	70
Max Job Wt	Kgs	225	300	500	600
Max Job HT	mm	225	275	325	400
Die Electric Tank	Liters	125	210	300	500
Filtration - Vertical		10 micron - 2 Nos			
Approximate Weight	Kgs	850	1000	1250	1600
Machine Floor Area	mm	1700 x 1200 x 1900	1500 X 1200 X 2000	2150 x 1400 x 2100	1450 x 2100 x 2050
Pulse Generator					
Current	Amps	25	35	50	65
Power Supply		415V, 3 Phase, 50Hz			
Power	KVA	3	4	5	7
MRR Gr -St	mm <sup>3</sup> /min	180	280	400	700
MRR Cu -St	mm <sup>3</sup> /min	140	230	300	400
Best Surface finish	μRa	0.5			
Min Electrode wear	%	0.3			
Pulse on time	micro sec	2-2000 / 10 Steps			

## Optional Accessories



Axis Corrector with Individual Degree Adjustment



Axis Corrector with Individual Degree & Fine Adjustment



3 Axis DRO

## Standard Accessories

