

# F SERIES

## Features Mechanical

- Three Part Design
- Fixed Table Moving Column
- Box Guides & Ball Screw For X & Y Axis
- Motorized Variable Speed For X & Y Positioning
- Drop Down Door For Work Tank
- Vertical 10 Micron Filtration System

## 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



F 50

Special Size Machines can be manufactured.

Standard  
Accessories



Specifications of F Series Manual Machines

Machine Tool	Unit	F 25	F 50	F 65
Work Tank	mm	850 x 550 x 400	1200 X 600 X 450	1500 X 800 X 500
Work Table	mm	600 x 400	800 X 500	1000 x 600
X Travel	mm	300	400	500
Y Travel	mm	200	300	400
Z Travel	mm	200	250	250
Max Electrode Wt	Kgs	35	50	50
Max Job Wt	Kgs	650	2000	3500
Max Job HT	mm	350	400	400
Die Electric Tank	Liters	350	650	950
Filtration - Vertical		10 micron - 2 Nos		10 micron - 4 Nos
Approximate Weight	Kgs	1100	1600	2000
Machine Floor Area	mm	1800 x 1900 x 1800	1550 x 2250 x 2100	2400 x 2700 x 1950
<b>Pulse Generator</b>				
Current	Amps	25	50	65
Power Supply		415V, 3 Phase, 50Hz		
Power	KVA	3	5	7
MRR Gr -St	mm <sup>3</sup> /min	180	400	700
MRR Cu -St	mm <sup>3</sup> /min	140	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 Digital Read Out (D.R.O.)