

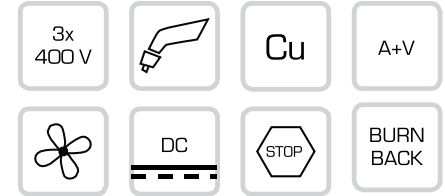


# MIG/CO2 WELDING PLANTS

## STEP CONTROL



**SPARKLINE**  
**WELDERS**  
ISO 9001 : 2015 Company



### Features

- ♦ Heavy duty transformer with 100% copper winding.
- ♦ Welding arc is very stable and low spatter.
- ♦ Can be used with long welding electric cable.
- ♦ Welding speed higher than MMA.
- ♦ High efficiency of machines output.
- ♦ Wire feeder with servo motor.
- ♦ Application : Sheet metal welding and heavy fabrication welding of mild steel.

Power Source	Model	SMG - 25	SMG - 30	SMG - 40	SMG - 60
Static Characteristics	Type	Constant Voltage	Constant Voltage	Constant Voltage	Constant Voltage
Max. Welding Current	Amps	<b>250</b>	<b>300</b>	<b>400</b>	<b>600</b>
Open Circuit Voltage	Volts	16-36	16-41	18-54	18-65
Max. Welding Current / Load Voltage					
@ 60% duty Cycle	Amps ./ Volts	250 / 26.5	300 / 30	400 / 34	600 / 44
@ 100% duty Cycle	Amps ./ Volts	195 / 23.5	210 / 24	310 / 29.5	400 / 34
Rating @ 60% duty Cycle	KVA	12	15	22	45
Weight	Kg.	130	150	175	225
<b>Wire Feeder</b>	<b>Model</b>	<b>S FEED - 25</b>	<b>S FEED - 30</b>	<b>S FEED - 40</b>	<b>S FEED- 60</b>
Wire diameter (M.S., S.S. Al.)	mm		0.8	0.8,1.2	0.8,1.2,1.6 0.8,1.2,1.6
Wire drive motor	Type	DC	DC	DC	DC
Drive system	Type	2 roll quick release	2 roll quick release	2 / 4 roll quick release	4 roll quick release
(Thyristor Controlled)					
Wirefeed speed	mtrs ./ min	1.2 to 18	1.2 to 18	1.2 to 18	1.2 to 18
Weight (Approx.)	kg.	11	11	15	25
<b>Torch</b>	<b>Model</b>	<b>25 LC</b>	<b>24 KD</b>	<b>36 KD</b>	<b>50 KD</b>
Rated Current Capacity	Amps.	250	250	400	510
& 60% D.C.					
Suitable for Wire Size	mm	0.8,1.2	0.8,1.2	0.8,1.2,1.6	0.8, 1.2, 1.6
Cable hose length	Mtrs.	3	3	3	3
Cooling	Type	Gas	Gas	Gas	Water

Plant will be supplied with Co2 Flow meter and Regulator, Pre Heater with all Interconnections. Cable & Hose assembly.

In view of continuous Development, we reserve the rights to modify the design, specifications and or dimensions without notice.