

## **SELF POWERED, NEXT GENERATION, WELDING / PLASMA CUTTING MOBILE TROLLEY**



- Lowest cost /Power delivery, consumes only 50% fuel per unit length of welding.
- Model with 400 / 600 Amps double operator, Air Plasma Cutting and Air Compressor for Pneumatic application.
- Full 3 - Phase power available for any other application when not in use for welding / cutting.
- Most suitable for cellulosic electrodes welding.
- Silent, meets latest pollution control norms.
- Incorporation of MIG / MAG, SAW or AC / DC TIG Welding features possible on request.

## TECHNICAL SPECIFICATION

Self Powered, Trailor Mounted, Work Stations of Following Configurations

MODELS	MIRAJ 400	MIRAJ 800 D (Double Operator)	MIRAJ 800 DP (Double Operator)
Electrical Power Output	3 ph, 400V, 50 Hz 15 KVA	3 ph, 400V, 50 Hz 25KVA	3 ph, 400V, 50 Hz 25KVA
Open Circuit Voltage for Welding	90 - 100 VDC	90 - 100 VDC	90 - 100 VDC
Welding Current Range	10 - 400 Amps	I 10 - 400 II 10 - 400	I 10 - 400 II 10 - 400
Current at 60% Duty Cycle	300 Amps	300 A + 300 A	300 A + 300 A
Current at 100% duty Cycle	260 Amps	260 A + 260 A	260 A + 260 A
Cooling	Forced Air Cooled		
Air Plasma Cutting	-	-	Yes
Max. Current	-	-	60 Amps
Max. Cutting Thickness MM	-	-	30 mm
Air Compressor	-	-	Yes
Air Compressor	-	-	Yes
Engine	Kirloskar or Equivalent, 35 HP		
Cooling	Water Cooled		
Starting	Electrical starting and Mech. Governer		
Diesel Tank Capacity	25 Ltrs.	63 Ltrs.	63 Ltrs.
Consumption Ltrs / hr at 100% Duty Cycle	1.5	2.75	2.75
Dimension (W x D x H) mm	1200 x 2000 x 1600	1700 x 3300 x 1900	1700 x 3300 x 1900
Weight Kgs.	800 Kgs.	1400 Kgs.	1800 Kgs.

**Note :**

1. Full rated power available for other application if not used as welding / cutting machine.
2. Models with suffix D is double operator Welding Machine.
3. Models with suffix DP is double operator welding as well as Air Plasma Cutting Machine. Two welders or one welder and Air Plasma cutting can work simultaneously.
4. Information on Other Models such as Miraj 1000 / D / DP, Miraj 1200 / D / DP can be supplied on request.



**TECHNOCRATS PLASMA SYSTEMS PVT. LTD.**

**CORPORATE OFFICE & WORKS :** Nirav 2, Gaon Devi Indl. Complex, Sativali, Vasai (East), Dist. Thane - 401 205 (Maharashtra), INDIA.

Tel.: +91-0250-2481511/2481512/2481513 • Fax : +91-0250-2480299

E-mail : [sales@technocratplasma.com](mailto:sales@technocratplasma.com) • Website : [www.technocratplasma.com](http://www.technocratplasma.com)

**Branch Offices & Representatives in :**

- AHMEDABAD • BANGALORE • BHATINDA • CHENNAI • DELHI • GHAZIABAD • GURGAON
- HYDERABAD • INDORE • JAIPUR • KOLHAPUR • KOLKATA • LUCKNOW • LUDHIANA
- MUMBAI • NAGPUR • PATNA • PUNE • RANCHI • SINGRAULI • SURAT • TRICHY
- VADODRA • VIZAG