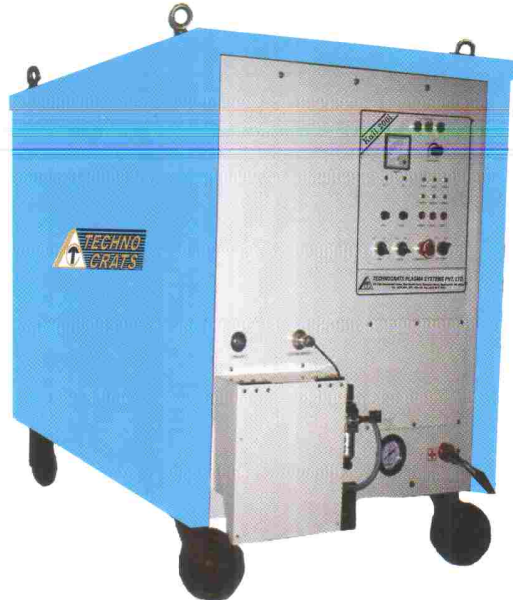


PLASMA CUTTING MACHINE (IGBT INVERTER BASED)



With the help of oil free compressed air delivery at 5.5 kg/cm^2 and electricity cut all metals like Stainless Steel, Mild Steel, Copper, Brass, Aluminum, Inconel, Monel, Titanium, Nickel, Chrome, Bronze, Galvanized Steel, Heated Steel, Wear Plates etc.

MODELS : Plasma 40i, Kali 80i, Kali 100i, Kali 200i

FEATURES :

- Efficiency and Power factor over 90%.
- saving over 50% compared to conventional machines.
- Air Cooled torch with 6 meters long cable.
- Unique torch design which allows operator to place the torch on the job being cut.
- Safety interlocks for operators and machine against high/low voltage, low air pressure etc.
- Designs takes care of EMI interference which is prominent with other machines.
- Post cutting operations such as grinding of dross etc. almost eliminated.

ONLY TWO CONSUMABLES

- Electrodes and Nozzle.
- Works on Generator Supply.

STANDARD SCOPE OF SUPPLY :

- Heavy Duty water cooling & circulating unit with water tank, radiator and cooling fan.
- Water cooled Air Plasma Cutting machine Torch Model Km - 200 along with 6mtrs of cable hose assembly.
- Electrode & Nozzle & 'O' Ring set - 5 sets.

OPTIONAL ACCESSORIES :

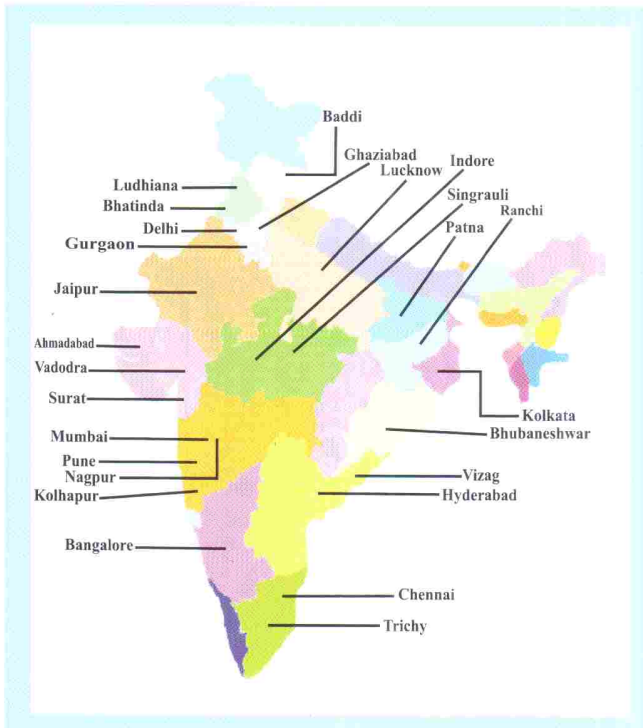
- Water cooled plasma cutting torch assembly of 6meters suitable for Mechanised operation.
- Motorised trolley Model "Cut Master" suitable for straight cutting with 1.8mtrs long rack and circle cutting attachment.

TECHNICAL SPECIFICATIONS

TYPES	MODELS			
	PLASMA 40i	KALI 80i	KALI 100i	KALI 200i
INPUT	1PH, 230V+15% 50 Hz	3PH, 415V+15% 50 Hz	3PH, 415V+15% 50 Hz	3PH 415V+15% 50 Hz
OPEN CIRCUIT VOLTAGE, VOLTS	350	300	300	300
OUTPUT CURRENT RANGE, A	10-40	30-90	30-120	30-200
MAXIMUM POWER OUTPUT, KW	4	9.9	13.2	22
POWER FACTOR	0.9+	0.9+	0.9+	0.9+
CUTTING RANGE, MM(FINE/COARSE)	8/16	25/35	32/45	40/70
INSULATION CLASS	H	H	H	H
POWER SOURCE COOLING	FORCED AIR	FORCED AIR	FORCED AIR	FORCED AIR
RECO. TORCH COOLING	AIR	AIR	AIR/WATER	WATER
SUITABILITY WITH PLASMA GASES	AIR			

Technical specifications are subjected to change because of continuous upgradation of products for better performance.

**Duty cycle conforms to 10 minutes cycle at 40° C Ambient Temperature*



**SALES AND SERVICE
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✚ **Centralized services :-**
service@technocratplasma.com



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