

PLASMA CUTTING MACHINE (DIODE BASED)



AIR PLASMA , AIR COOLED CUTTING SYSTEMS :-

With the help of oil free compressed air delivery at 5.5 bar and electricity cut all metals like Stainless steel, Mild steel, Copper Brass, Aluminium, Inconel, Monel, Titanium, Nickel, Chrome, Bronze, Galvanised steel, Heated Steel, Wear plates, castings.

FEATURES :

- Safety interlocks to protect the operator & the machine.
- Designed for continuous operation.
- Compatible to CNC profile cutting machine.
- Best Quality Input Power ratio.
- Minimum post cutting operations.
- Unique torch design for ease in operation.
- Least maintenance cost.
- Highest consumable life.

STANDARD SCOPE OF SUPPLY :

- Power source.
- Air cooled hand torch with 6 mtrs cable length.
- Ground cable set with 6 mtrs length.
- Front cap – 1 no.
- Electrode and nozzles – 5 sets.

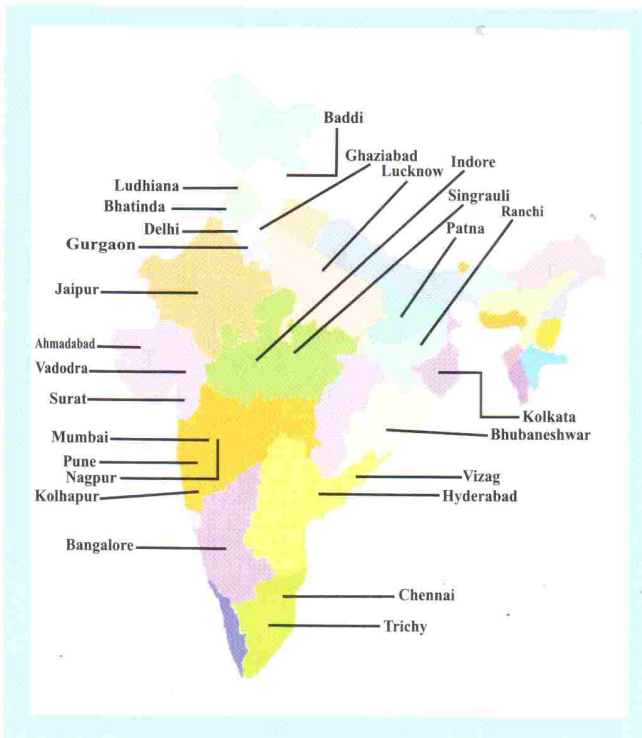
OPTIONAL ACCESSORIES :

- Air cooled machine torch with 6 mtrs length.
- Trolley with 1.8 mtrs steel track and circle cutting attachment.
- Air compressor.
- Gouging torch.
- Extra cable length.
- Consumables : Electrodes, Nozzles, Front cap.

TECHNICAL SPECIFICATIONS

TYPES	MODELS					
	KALI-30F	KALI-MF	KALI-80F	KALI-100F	KALI-150F	KALI-200F
INPUT	3PH,415V±15% 50 Hz	3PH,415V±15% 50 Hz	3PH,415V±15% 50 Hz	3PH,415V±15% 50 Hz	3PH,415V±15% 50 Hz	3PH, 415V±15% 50 Hz
OPEN CIRCUIT VOLTAGE, VOLTS	330	330	330	330	330	330
OUTPUT CURRENT RANGE, A	40	70	90	120	200	300
MAXIMUM POWER OUTPUT, KW	4.8	9.1	12.2	16.2	30	48
POWER FACTOR	0.5	0.5	0.5	0.5	0.5	0.5
CUTTING RANGE, MM(FINE/COARSE)	8/16	16/32	25/40	32/50	50/75	75/100
INSULATION CLASS	H	H	H	H	H	H
POWER SOURCE COOLING	FORCED AIR	FORCED AIR	FORCED AIR	FORCED AIR	FORCED AIR	FORCED AIR
RECO. TORCH COOLING	AIR	AIR	AIR	AIR/WATER	WATER	WATER
SUITABILITY WITH PLASMA GASES	AIR			AIR, ARGON, NITROGEN, ARGON + H2		

- ❖ **Note** : Model MF & 80F are available in combined versions having welding & cutting facilities & are manufactured only on request.
 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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