

INVERTER BASED AIR PLASMA MACHINE

PROCESS :-

Air when heated upto 30,000 F undergoes ionic changes & reaches the Fourth state of matter, called Plasma. Instead of expensive Argon or Nitrogen, we use only compressed air Plasma formation. Hence it is called Air Plasma.

FEATURE :-

It adopts advance inverter technology, Current can be adjusted easily Compact, light and portable, making it comfortable to use. It is suitable for cutting steel, carbon steel, aluminium, copper Composite plate etc smooth kerf and high precision.

APPLICATION :-

Air plasma can be used to cut following metals: Mild steel, Stainless steel, Carbon & Alloy steel, Aluminium & its Alloy Copper, Casting, Bronze, Brass, Manganese & special Alloy Etc.

ADVANCE TECHNOLOGY INCORPORATED :-

Feed Back Control System can Control the Cut-Width of the Metal and Thereby Reduces Wastage.



MODEL : TP-INV-100

Technical Specification

DESCRIPTION	PARAMETER
INPUT POWER VOLTAGE FREQUENCY	415 V, 3-PH, 50/60 Hz
RATED IPUT POWER CAPACITY	14 KVA
NO LOAD VOLTAGE	295 V
CURRENT RANGE	20-100A
RATED DUTY CYCLE	60% @100A 100% @80A
EFFICIENCY(%)	90%
TORCH LENGTH	10 METERS
PROTECTION CLASS	IP 23
INSULATION CLASS	H
GAS FLOW	5.5-6.5 KG/CM ²
CUTTING THICKNESS	25 MM CLEAN CUT 38 MM SEVERANCE CUT

We reserve the right to change specification without prior notice.

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COMPLETE SOLUTION FOR WELDING & PLASMA CUTTING