

INVERTER BASED AIR PLASMA CUTTING MACHINE



Aircut- i Series Machine are Inverter Based Air Plasma Cutting Machines. They Are Widely Used for Cutting Ferrous as well as Non Ferrous Metals Using Inexpensive Air as the Cutting Media.

Features

- Advanced 'Soft Switching' Technology, Hence More Reliability.
- High Frequency Arc Striking with Pilot Arc.
- Stable Out Put Current.
- Precise Preset & Display of Cutting Current.
- Air Test Switch to Set the Air Flow Precisely.
- Pressure Gauge on the front panel.
- High Power Factor & Efficiency.
- Higher On-Load voltage & hence higher speed of cutting
- Good Cutting Quality.
- Continuous Adjustment of Current Possible.
- Two levels of Air flow to Ensure Smooth Pilot Arc.

Basic Outfits

Power Source, 5mtr Long Air Plasma Cutting Torch, Air Filter & Earthing Cable with clamp. Nozzle, 3 sets of Electrode.

Optional Accessories

- Machine mountable Straight torch.
- Plasma trolley with rail.
- Torch pendant for ON/OFF control.

Technical Specifications

Model	Cutting Thickness	Input Power (KVA)	Current Range (A)	No Load Voltage (DC)	Weight (Kg)	Dimension LxWxH(mm)	Torch Cooling Type
AIRCUT 102i	CLEAN CUT IN MS, SS – 25mm ROUGH CUT MS, SS – 30mm PIERCING CAPACITY - 12MM RECOMMENDED THICKNESS ON TROLLEY- 20MM	18	30-100	340	51	690x340x590	AIR
AIRCUT 150i	Clean Cut SS,MS-45 Rough Cut MS,SS-50 Piercing Capacity ~20 Recommended Thickness On TROLLEY -32 MM	31.5	30-150	340	60	720x400x610	AIR
Input Supply 380 ~ 440 V 3 – phase 50 Hz Supply							
Power Factor-0.9							
Duty Cycle-100%							
Air Pressure Required in – 5 ~ 6 kg/cm2				Air Flow Required 10-12 CFM OR ≥ 300 LPM			

