

INVERTER BASED AIR PLASMA CUTTING MACHINE

AIRCUT-162 IW is inverter based air plasma cutting machine. It is widely used for cutting ferrous as well as non ferrous metals using inexpensive compressed air as the cutting media

Features

- Advanced 'Soft switching' technology, hence more reliability
- High Frequency Arc Striking with pilot Arc.
- Pressure gauge on the front panel to check air supply.
- Precise preset & display of cutting current
- Air test switch to Set the Air Flow precisely.
- High power Factor & Efficiency.
- Continuous Adjustment of Current Possible.
- Suitable for hand held & mechanised torch.
- Stable Out Put Current.
- Good Cutting Quality.
- Built in water circulation system
- Two levels of Air flow to ensure smooth pilot Arc
- Higher On-Load cutting & hence higher speed & cutting.

Basic Outfits

- Power Source with inbuilt water cooling system.
- Water cooled plasma cutting torch of 5 meters length.
- Air filter.
- Earthing cable with clamp.
- 3 sets of Electrode.
- Nozzle.

Optional Accessories

- Machine mountable Straight torch
- Plasma Trolley with rail
- Torch pendent for ON/OFF control

Technical Specifications

Model	Input Power (KVA)	Cutting Thickness	Current Range	No Load Voltage (DC)	Duty Cycle	Torch Cooling Type	Gas Type	Weight Kg
AIRCUT-162 IW Power Source	32.5	Clean Cut in MS, SS - 50 mm Rough Cut in MS, SS - 55 mm Piercing Capacity - 25 mm Recommended Thickness on Plasma Trolley - 38 mm	30 ~ 160	400 VDC	100% (40°C & 10 min.)	WATER	AIR	100
Input Supply 380 - 440 V 3 - phase 50 Hz Supply								
Efficiency - 85%					Power Factor - 0.85			
Air Pressure Required in - 5 - 6 kg/cm ²				Air Flow Required (CFM) - 5 - 6 OR ≥ 180 L/min				
Dimensions-(LxWxH mm) - 740 x400x1050								

