

## INVERTER BASED AIR PLASMA CUTTING MACHINE

Aircut 200 IW, Aircut-300 IW machines 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
- High power factor & efficiency
- Good cutting quality
- Continuous adjustment of current possible
- Air Failure protection switch with indication
- Water failure Protection with indication
- Protection against thermal over load
- Two levels of air flow system to ensure smooth pilot arc
- Up sloping of current to increase the consumable life
- Higher on-load voltage and hence higher speed of cutting
- Bigger output inductor for extra smooth DC output which results in better cut finish

### Scope of Supply

Power source along with water cooling system 5 mtr hand held water cooling torch,Air filter,Earthing Cable,3 sets of Electrode,Nozzle.

### Technical Specifications

Model	Cutting Thickness	Input Power (KVA)	Current Range (A)	No Load Voltage V (DC)
AIRCUT - 200 IW	Clean Cut in MS,SS-70mm	39	60 ~ 200	380
	Rough Cut in MS,SS-75mm			
	Recommended Thickness on trolley=55mm			
AIRCUT - 300 IW	Clean Cut : 100mm in MS,SS	70	80~300	380
	Rough Cut : 105mm in MS,SS			
	Recommended Thickness on trolley=80mm			
	Input Supply - 380 ~ 440 V3 - Phase 50Hz Supply			
	Efficiency - 85%			
	Power Factor - 0.85			
	Duty Cycle - 100%			
	Air Pressure Required in KG/CM2 - 5 ~ 6			
	Type of Plasma Cutting Torch - Water Cooled			
	Air Flow Required (CFM) - 5 ~ 6			

Specifications may subjected to change without notice.

