

AIR PLASMA CUTTING MACHINE



WAP Series Air plasma cutting equipments are designed and manufactured to suit the metal cutting & Gouging requirements of fabrication industries. This equipment is capable of cutting ferrous and non ferrous metals by the use of inexpensive shop floor gas (compressed air). This equipment can be used on a CNC, Magnetic profiler, Pug machine or by normal hand operation. These equipments are available in the range of 15, 25 & 50mm cutting capacity.

Features:

- Operator friendly with single point control.
- Automatic PILOT ARC.
- Sequence of events are controlled by electronic PCB which uses only TTL logic.
- Power source and rectifiers are protected against over heating by Temperature sensors.
- Auto feedback sensors to keep continuous check on air supply.
- Minimum maintenance.
- Rugged construction with an aesthetic exterior.
- Fully power coated cabinet.

Basic Outfits

Power Source, Air Filter, Earthing cable
Plasma cutting torch hand held (5 Mtrs)



ADVANTAGES OF AIR PLASMA CUTTING OVER OTHER GAS CUTTING METHODS.

Optional

Machine Torch,
Remote Control Pendant
for Machine Torch,
Cutting Trolley.

- No dependence on gas, it uses compressed air.
- Dross-free cuts of excellent quality.
- Minimum heat affected zone minimizes post cutting operations.
- Metals wastage are minimum.
- Faster cutting rates increases production.
- Under water cutting is possible.
- Save power as power requirements are minimum.

Technical Specifications of WAP Series

Model	Cutting Thickness	Input Power (KVA)	Dimension (L x W x H) mm	Weight (Kg)
WAP-15	Clean Cut in MS, SS-15mm Rough Cut in MS, SS-20mm	15	700 x 470 x 880	125
WAP-30	Clean Cut in MS, SS-25mm Rough Cut in MS, SS-30mm	23	700 x 470 x 880	165
WAP-50	Clean Cut in MS, SS-50mm Rough Cut in MS, SS-55mm	42	770 X 640 X 930	270
Input Supply – 380-440 Volts 3-Phase Supply 50 Hz Supply				
Open Circuit Voltage – 330 Volts DC				
Insulation Grade – H				
Cooling Mode – Forced Air				
Duty Cycle – 60% (40°C & 10 Min)				
Air Pressure Required in KG/CM ² – 5-6				
Air Flow Required (CFM) – 12-15				

Specifications may subjected to change without notice.