

## AIR PLASMA CUTTING

### BETTER CONSUMABLE LIFE WITH WATER COOLED TORCH



Water cooling unit

Plasma Power source

#### PROCESS :

Air when heated up to 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 its called Air Plasma.

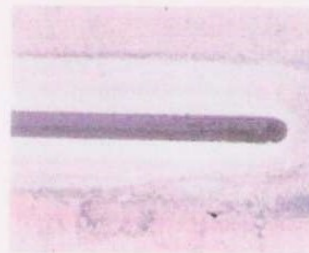
#### FEATURES :

- Two step current setting, STEP 1 & STEP 2.
- STEP 1 cutting with Air cooled torch.
- STEP 2 cutting with water cooled torch.
- Water cooled torch gives better consumable life.
- Even Mild steel cutting on higher thickness is economical.

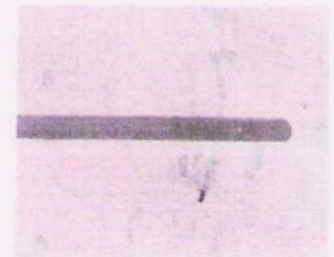
#### APPLICATION :

Air plasma can be used to cut following metals:  
Mild Steel, Stainless Steel, Carbon & Alloy Steel, Aluminium & its Alloys, Copper, Casting, Bronze, Brass, Manganese Steel & Special Alloys etc.

Oxy/Fuel cutting edge  
16 mm plate



Air Plasma cutting edge  
16 mm plate



Note : Heat effected zone

MODEL	Primary voltage	Secondary voltage	Arc current	Power rating	Insulation	Duty cycle	Clean cut	Parting cut
MPT -50	380 -440 V	260-280V	180 Amps.	35 KW	"F" Class	60%	40mm	50mm
MPT - 60	380-440 V	260-280 V	200 Amps.	42 KW	"F" Class	60%	50mm	60mm

**We reserve the right to change specifications without prior notice**

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