

## AIR PLASMA CUTTING MACHINES



### Air Plasma - The Leader in Plasma Cutting Systems

The Electro Plasma name is synonymous with high-quality welding and our plasma cutting systems are no exception. From plasma cutting Technology to our patented safety indicators we add plenty of value features to its plasma cutting products, leading the industry in innovation. And our extended parts and labor warrantee is a guarantee that you'll get everything you'd expect from the welding experts.

- No more oxy / fuel for cutting all ferrous & non ferrous metal.
- Double the speed at half the cost.
- No heat effect zone, no distortion.
- No cumbersome fuel ignition, preheat flame adjustment.
- No preheat Time or oxygen adjustment required.

## Model No: MPT-6, MPT-10, MPT-16

MODEL NO.	MPT-6	MPT-10	MPT-16
<b>Primary voltage</b>	380-440 V 3 phase 50 Hz	380-440V 3Phase 50 Hz	380-440 V 3phase 50 Hz
<b>Secondary voltage</b>	260-280 V	260-280 V	260-280 V
<b>Line Current</b>	18 Amp.	24 Amp.	32 Amp.
<b>Arc current</b>	40 Amp.	60 Amp.	80 Amp.
<b>O. C. V (No load)</b>	300-320 VDC	300-320 VDC	300-320 VDC
<b>Power Rating</b>	12.0 KVA	17.0 KVA	22.0 KVA
<b>Insulation</b>	F class	F class	F class
<b>Duty cycle</b>	100% at Full load current of 40 Amp.	100 % at Full load current of 60 Amp.	100 % at Full load current of 80 Amp.
<b>Cutting Capacity For SS clean cut For SS Parting Cut</b>	8mm 12mm	15mm 20mm	20mm 25mm

## Model No: MPT-30, MPT-40, MPT-50

MODEL NO.	MPT-30	MPT-40	MPT-50
<b>Primary Voltage</b>	380 - 440V 3Phase-50 Hz	380-440 V 3 Phase-50Hz	380-440 V 3Phase-50 Hz
<b>Secondary Voltage</b>	260-280V	260-280V	260-280 V
<b>Line Current</b>	44 Amp.	60 Amp.	63 Amp.
<b>Arc Current</b>	100 Amp.	135 Amp.	155 Amp.
<b>O.C.V (No load)</b>	300-320 VDC	300-320 VDC	300-320 VDC
<b>Power Rating</b>	31.0 KVA	42.0 KVA	44.0 KVA
<b>Insulation</b>	F class	F class	F class
<b>Duty cycle</b>	100% at Full load current of 100 Amp.	100% at Full load current of 135 Amp.	100% at Full load current of 155 Amp.
<b>Cutting Capacity for SS Clean Cut for SS Parting Cut</b>	35mm 40mm	45mm 50mm	55mm 60mm

## Model No: MPT-50(W) STEP, MPT-75(W) STEP, MPT-100(W) STEP

MODEL NO.	MPT-50(W) STEP	MPT-75(W) STEP	MPT-100(W) STEP
<b>Primary Voltage</b>	380-440 V 3Phase- 50Hz	380-440 V 3Phase-50Hz	380-440 V 3Phase-50Hz
<b>Secondary Voltage</b>	260-280 V	260-280 V	260-280 V
<b>Line Current</b>	70 Amp.	90 Amp.	120 Amp.
<b>Arc Current</b>	100 Amp. 200 Amp.	125 Amp. 250 Amp.	120 1st Step 240 2nd Step 360 3rd Step
<b>O.C.V (No load)</b>	300-320 VDC	300-320 VDC	300-320 VDC
<b>Power rating</b>	49.0 KVA	63.0 KVA	84.0 KVA
<b>Insulation</b>	H class	H class	H class
<b>Duty Cycle</b>	100% at Full load current of 200 Amp.	100% of Full load current of 250 Amp.	100% at Full load current of 360 Amp.
<b>Cutting Capacity For SS Clean Cut For SS Parting Cut</b>	55mm 60mm	75mm 80mm	100mm 105mm

## Special Machine Features

- The cutting process is carried out by using shop floor compressed air. Thus the process becomes cheap and flexible. The unique pilot arc system ensures perfect arc start on painted and rusted surface.
- An electro-pneumatic protection cuts the arc in case of insufficient air supply adding to the safety of the machine and torch.
- Specially designed power source for 100% duty cycle.
- Quality epoxy powder coating for longer lasting effect.