

AIR PLASMA CUTTING MACHINE

MPT-100 (WC) machine is an air plasma cutting machine. This is 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 and 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.
- * 100% duty cycle machines.
- * 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.



MPT-100 (WC)

TECHNICAL SPECIFICATION:

DESCRIPTION	PARAMETER
INPUT SUPPLY	380~440 V 3- Phase 50 Hz Supply
EFFICIENCY	85%
POWER FACTOR	0.85
DUTY CYCLE	100%
CUTTING THICKNESS	Clean Cut : 100 MM in MS,SS Parting Cut : 105 MM in MS,SS
INPUT POWER (KVA)	70
MAX CURRENT O/P	300A
NO LOAD VOLTAGE	380
AIR PRESSURE REQUIRED IN KG/CM ² -	5~6
TYPE OF PLASMA CUTTING TORCH	Water Cooled

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COMPLETE SOLUTION FOR WELDING & PLASMA CUTTING