

**INVERTER MMA (IGBT) WELDING MACHINE**



**:FEATURES :**

1. Electrical ARC is stable, splash is less and the Welding line is performed perfectly. Its dynamic characteristics is perfect & response is rapid, so it can be used for Welding from all position..
2. The ARC current can be freely adjusted..
3. Arc can be ignited easily with stable current even under little current. Hot start & Arc Force feature is incorporated.
4. Over Current, Phase Failure, over load voltage, Under Voltage, Over Temperature protection is provided.
5. Led indicator for error is also provided.
6. MMAW can be used for MS, Low alloy steel, Stain less steel, CI, Jobs for thickness ranging form 0:9-40 mm continuous.
7. The machine have Anti-Freeze, Variable hot start, Arc Force Facility.
8. Safe Welding device is incorporated. This feature restricts the OCV within 12 Volts when the electrode is not struck.
9. Separate Digital display fo voltage & Current is provided.
10. Confirms to IS 4559/93 (REAFFIRMED 2014).

**Technical Specification**

<u>DESCRIPTION</u>	<u>PARAMETER</u>
RATED INPUT VOLTAGE(V)	415 V ± 10% 3 PHASE 50 HZ
RANGE OF WELDING CURRENT	20-600 AMPS
MAX. HAND WELDING CURRENT	600 AMPS
MAX. AUTOMATIC WELDING CURRENT	465 AMPS
INPUT CURRENT @60% DUTY CYCLE	32 AMPS
DUTY CYCLE (AT MAX. HAND WELDING CURRENT)	60%
OPEN CIRCUIT VOLTAGE	89 V
TYPE OF COOLING	FORCED AIR
CLASS OF INSULATION	H
PROTECTION CLASS	IP 23
CURRENT IN EXCESS FOR HAND WELDING	600 AMPS
CURRENT IN EXCESS FOR AUTOMATIC WELDING	465 V
EFFICIENCY	87
POWER FACTOR	0.93
DIMENTION.	700 X 465 X 575
WEIGHT	55 KG APPROX

**TECHNOLOGY PROMOTERS (I) PRIVATE LIMITED**

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**COMPLETE SOLUTION FOR WELDING & PLASMA CUTTING**