

### 3 PHASE INVERTER BASED D.C. ARC WELDING (MMAW) MACHINE



QIM/400



QIM/630

#### Features:

- Light weight. Compact welding machine
- Low energy consumption, save 40% power consumption
- Fan operates automatically when needed
- Guaranteed X-ray quality welding
- Arc Force control & inbuilt Hot Start. \* Inbuilt VRD Facility
- Excellent welding performance even with 100 M long welding cable
- Enhance power source gives excellent performance of MMA with all types of welding electrodes (7018-6013 electrodes) except cellulose electrode.
- Low current-can operate on 20 Amps ideal for TIG Welding

\* Duty Cycle : @ 100%

#### Technical Specification

Specification	QIM-250	QIM-400	QIM-500	QIM-630
Input Supply		380-440 V, 3Ph, 50/60Hz		
Welding Current(A)	40-250	40-400	40-500	40-630
O. C V VDC	60 - 65	75 - 85	80 - 90	80- 90
Max. Rated (KVA)	9.5	17.0	22.0	30.0
Input Amps (Max)	14.0	24.0	33.0	45.0
Class of Protection	IP - 21	IP - 21	IP - 21	IP - 21
Class of Insulation	Class-F	Class-F	Class-F	Class-F
Dimension (mm)	485x205x370	565x310x580	515x262x468	610x330x560
Weight (Kgs)	12.0	33.0	40.0	45.0

### 1 PHASE INVERTER BASED D.C. ARC WELDING (MMAW) MACHINE



QIM/250



QIM/200

#### Features:

- Light weight. Compact welding machine
- Low energy consumption, save 40% power consumption
- Forced air cooled ( Fan used) \* Duty Cycle : @ 60%
- Excellent welding performance
- Enhance power source gives excellent performance of MMA when welding with 7018-6013 electrodes
- Low current-can operate on 20 Amps ideal for TIG Welding

#### Technical Specification

Specification	QIM-200	QIM-250	QIM-300
Input Supply	220 V, 1Ph,50Hz	----220 /415 V, 1Ph / 3Ph, 50Hz-----	
Welding Current(A)	20 - 200	20 - 250	20-300
O. C V		65 (+/- 5) V DC	
Max. Rated (KVA)	9.6	10.5	12.0
Class of Protection		IP - 21	
Class of Insulation		Class-F	
Dimension (mm)	380 x 150 x 310	485 x 205 x 370	420 x 180 x 300
Weight (Kgs)	5.0	12.0	9.0