

ARC Series (IGBT) Module Inverter DC MMA Welder

ARC 1000



Standard Accessories

- Carbon Arc Gouging Torch 1pc



MANUFACTURER / IMPORTER IN INDIA

SALES:- SALES@VIRGOPLUS.IN
SERVICES:- SUPPORT@VIRGOPLUS.IN

VIRGO SOLUTIONS INDIA LLP

AHMEDABAD, AURANGABAD, BHUBANESWAR, DELHI, GUWAHATI, HYDERABAD,
INDORE, JAIPUR, KOLKATA, LUCKNOW, LUDHIANA, MUMBAI, NAGPUR, PUNE, RAIPUR, VARANASI

Product description:

- Adopting IGBT module and Fast recovery module with high-frequency inverter technology thereby ensuring large output power, stable and reliable.
- VRD function control to ensure safety first.
- Excellent Hot-start and Arc-force control for precise, demand-matched welding.
- High OCV of 85 and 60% Duty cycle for heavy duty purpose.
- High Power machine: can use upto 10-12mm carbon rods giving single-pass groove: 12-18mm wide, 8-14mm deep at speed of 0.8-1.2m/min - 40% faster than 600 amps machine.
- Multifunctional & Gouging-Compatible: Steep droop output + high-concentration arc energy, supports standard MMA welding; switch to gouging torch for back-gouging, bevelling, etc.
- Dual-fan constant cooling: 4-fold protection over-voltage, under-voltage, over-temperature and overcurrent
- Ideal for heavy-duty sites like shipyards, steel structures and pressure vessels.

Main technical parameters:

	ARC 1000
Phase	3PH
Input Power voltage	AC 415V*3PH±10%
Frequency (Hz)	50/60
Rated input current(A)	89
No-load voltage (V)	85
Output current (A)	30-1000
Force range (A)	0-100
Duty cycle (%)	60
No-load loss (W)	100
Efficiency	85
Power factor	0.93
Insulation grade	F
Housing protection grade	IP21
Weight (kg)	120