

# NEWARC

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**Weldability** **stf**

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## Newarc R1500



# Reliable Workhorse of the Industry



NA9910206

# Professional welding technology

## for industry

The R1500 is a 150 amp constant current MMA welding machine based on IGBT technology. The inverter drive circuitry operates above the audio frequency spectrum making the R1500 virtually silent in operation.

The high operational frequency also means that the R1500 is able to respond quickly to changing arc dynamics, making for a very smooth stable arc. The R1500 is capable of welding with all types of electrodes within the current rating of the machine, normally up to 4mm.

The R1500 is able to TIG weld using a TIG torch with a built in gas valve using the 'scratch start' technique. It is available in three versions, a dedicated 230v, dedicated 115V and a 115/230V auto switching dual Voltage version.



### Main features

- Fabricated in robust external casing to withstand the most extreme environments
- Safety circuits which protect against overloading and short circuits
- Arc force control for maximum user control
- Fan assisted cooling with thermostatic protection



The R1500 is heavy duty, ideal for production, site and maintenance use.

## Technical data

### Newarc R1500

Power voltage (V)	230 volts single phase 115V/230V/Dual Voltage
Power Consumption	5.1 KVA
Supply Current	230v 27.5 amps 115v 44 amps
Mains Input Fuse	230v 28 amp s slow blow or type C MCB 115v 45 amps slow blow or type C MCB
Mains Cable	230v 3 x 2.5mm <sup>2</sup> flexible cable 115v 3 x 4mm <sup>2</sup> flexible cable
Output Current Range	15-150 amps
Duty Cycle at 40°C	150A @100%
Insulation Class	F
Degree of Protection	IP21
Dimensions (L x W x H) (mm)	415 x 152 x 275
Weight (kg)	16

## Ordering information

Description	Part number
Newarc R1500, 150A MMA Inverter power source	<b>NA9910206</b>
5m x 25mm <sup>2</sup> Earth assembly	<b>NAM91004</b>
5m x 25mm <sup>2</sup> Electrode assembly	<b>NAM91001</b>
SS2G Argon Regulator	<b>NA050075</b>



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