

**DURALLOY®**

# 251 MULTIMIG PFC

240V Multiprocess Inverter  
Welding Machine

PART NO: **DA251MMIG**



MIG



TIG



STICK

EN60974-1:2012



## PFC TECHNOLOGY

Most DURALLOY® Welding Machines feature PFC Technology for maximum electrical efficiency and consistent weld output.

## MULTIPURPOSE

MIG, TIG and MMA modes.

## ARC STABILITY

Waveform control for added stability of the arc, even at low current.

## DIGITAL DISPLAY

Variable amperage control with digital meters for a simultaneous welding current and voltage display.

## PROTECTION

Equipped with temperature, voltage and current sensors for greater protection.

## FEATURES

- Heavy Duty 4 Roll Drive feed System
- Generator Friendly (12Kva)
- Spool Gun Function (Optional)
- Voltage Reduction Device (VRD)
- Industrial Cable Connectors (35-50)
- Industrial Binzel Style MIG Torch MB24
- Switched 4 M TIG Torch (Optional)
- Wide input voltage - 90VAC - 275VAC
- Protective Front Fascia cover
- IP23S Rating
- Extension Lead friendly (Up to 100m)

## SPECIFICATIONS

Power Supply	90V - 275V
Frequency	50/60Hz
Input Power	7.3 kW
Input Current	38 A
Duty Cycle 40°C 10min	250A @ 15% 125A @ 60% 100A @100%
No Load Voltage	68V
Welding Current	40A - 250A
Welding Voltage	14V - 26V
Efficiency	80%
Power Factor	0.99
Wire Diameter	Fe: 0.6/0.8/0.9/1.2 Ss: 0.8/0.9/1.0/1.2 Flux-Cored: 0.6/0.8/0.9/1.0/1.2
Net Weight	23kg
Dimensions	618mm x 240mm x 445mm
Insulation Class	H
Protection Class	IP23S
Cooling	Auto Fan

## APPLICATIONS

- Maintenance
- General Fabrication
- Rural Applications
- On-site Fabrication

## MATERIALS

- Mild Steel
- Aluminium
- Stainless Steel

## PACKAGE INCLUDES

- Power Source
- 3M MB 24 Style MIG Torch
- 3M Earth Lead
- 3M MMA Arc Lead
- 1.5M Gas Hose
- Argon Regulator
- Owner's Manual
- 0.9-1.2 FC Roller for Gasless Wires