



VIPER MIG185

MIG/TIG/STICK - 180 Amp DC Inverter Welder



Welds: Steels, Stainless, Cast Iron, Bronze, Aluminium, Copper

VIPER MIG185

Entry Level Multifunction Inverter Welder

230V - 180 Amp DC Welder MIG/TIG/MMA

Approved Domestic 10 Amp Plug Power Supply



Features

- Modern IGBT inverter technology
- MIG/MAG with Gas and Gasless capability
 - Adjustable Burn Back
 - Wire Inch
 - Stepless voltage and wire feed control
 - Excellent welding with CO2 gas
 - Euro style Mig Torch connection
- DC-TIG
 - Lift Arc ignition (prevents tungsten sticking during arc ignition)
 - Ultra smooth DC-TIG welding current
- MMA (stick electrode)
 - Excellent arc stability with all electrodes
- Thermal overload protection
- IP21S rating for environmental/safety protection
- Generator compatible (recommend 7.5 kVA minimum)
- Tolerant to variable power supply



10 AMP



XA-MIG185V

Standard Package



Optional machine accessories, Spool Guns,

Tig Torch Kits available - refer page 38-43

Technical Data

Power Supply	240V 1-Phase ±15%
Rated Input Power	7.1 kVA
I _{eff} as per AS/NZ60974-1	9.8 Amps
I Max	39.0 Amps
Output Current Range MIG	30A/15.5V - 180A/23.0V
MMA	10A/20.4V - 160A/26.4V
TIG	10A/10.4V - 160A/16.4V
Duty Cycle @ 40°C as per AS/NZ60974-1	10% @ 180 Amps MIG 10% @ 160 Amps MMA 10% @ 160 Amps TIG
Duty Cycle @ 25°C (approximate)	25% @ 180Amps MIG 25% @ 160Amps MMA 25% @ 160Amps TIG
Power factor	0.70
Protection Class	IP21S
Insulation Class	F
Wire Spool Capacity	5 Kg (Ø 200mm)
Wire Diameter Range (mm)	0.6, 0.8, 0.9, 1.0
Dimensions (LxWxH)	553 x 214 x 338mm
Weight	12.0 Kg
Certification Approval	AS/NZ60974-1

Overview

The VIPER 185 is a fantastic new inverter-based portable MIG/TIG/STICK welding machine. The MIG function allows you to weld with both Gas Shielded and Gas-less wire applications. Easy step-less adjustment of voltage and wire feed make for easy setting of welding parameters giving excellent welding results. Wire Inch gives easy feeding of the wire during set up without gas wastage and the Burn Back adjustment leaves the wire out ready for the next weld. Connection of a 17V TIG torch provides quality DC TIG with Lift Arc start for welding of steel, stainless steel and copper. An additional feature is the spool gun ready function that allows the simple connection of the XASP15 Spool Gun for the use of thin or softer wires that don't have the column strength to feed through standard MIG torches, such as aluminium wire. The Viper 185 also features a geared roller drive unit, for consistent smooth wire feed, this assists with using longer MIG Torches. MMA welding capability delivers easy electrode welding with high quality results, including cast Iron and stainless. Being supplied with 10 amp plug gives great versatility. Ideal for DIY and home workshop.

Designed and built to our specification and manufactured in compliance to AS/NZ60974-1.

Product Code: XA-MIG185V-K

Standard Package includes: VIPER MIG185 Welding Machine, XA15 Mig Torch x 3m, Earth Lead & Arc Lead x 3m, Argon Regulator