

VIPER 185 TECHNICAL DATA

MIG / TIG / MMA - 180 AMP INVERTER WELDER

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



OVERVIEW

The **VIPER 185** is a 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 PLSP150A 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 240v single phase gives great versatility. Ideal for DIY and home workshop. Designed and built to our specification. Certified to - AS/NZ60974-6

MACHINE PACKAGE: KUMJRVM185

Standard option includes: Viper 185 Inverter MIG/ MMA Power Source, SB15 Sure Grip MIG Torch (inc. consumables), 3m Arc Welding Lead Set, 300 Amp Earth Clamp, Twin Gauge Argon Regulator, 2m Gas Hose Complete with fittings, Operating Manual

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Power Supply / Phases (V-Ph)	240v - 1 +/- 15%
	10% @ 180 Amps MIG
Duty Cycle @ 40°C as per AS/NZ60974-1	10% @ 160 Amps TIG
	10% @ 160 Amps MMA
No Load Voltage (V)	62
Output Current Range MIG	30A/15.5V - 180A/23.0V
Rated Power MIG (KVA)	7.1
I _{ieff}	9.8 Amps MIG
Power factor	0.7
Protection Class	IP21S
Insulation Class	F
Size (mm)	553x214x388mm
Weight (kg)	12.0 Kg