

VIPER 182 MIG/MMA

182 Amp MIG Welder

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



FEATURES



Standard MIG - 30 ~ 180 Amps
Duty Cycle 10% @ 180Amps



MMA Stick mode - 10 ~ 160 Amps
Duty Cycle 10% @ 160Amps



Stepless Amperage - Voltage
& Wire Speed adjustment



VRD Voltage Reduction Device



Manufactured in
compliance to AS/NZ60974.1



Fitted with a 10AMP Plug

- MIG with Gas and Gasless wire function
- 1Kg & 5Kg Spools
- Tolerant to variable power supply
- Portable
- Burnback adjustment
- Wire Inch

Amperage Selector

VRD Indicator

Over Temperature

Wire Speed Selector



Voltage Selector

MIG / MMA Selector

Technical Data

Power Supply / Phases (V-Ph)

240v - 1 +/- 15%

Duty Cycle @ 40°C MIG

10% @ 180 Amps

100% @ 59.6 Amps

Duty Cycle @ 40°C MMA

10% @ 160 Amps

100% @ 50.6 Amps

No Load Voltage (V)

17 - 52

Output Current Range MIG

30A/15.5V - 180A/23.0V

Rated Power MIG (KVA)

7.5

I_{eff} MIG

10 Amps

Power factor

0.67

Protection Class

IP21S

Insulation Class

F

Dimensions Power Source (LxWxH)

485x205x320mm

Weight Power Source

13.5 Kg



Overview

The VIPER MIG182 is a new inverter-based portable MIG welding machine with added MMA function. 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. 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/NZ60974-1

MACHINE PACKAGE: KUMJRV182

VIPER MIG 182, SB15 3M Sure Grip MIG Torch, Earth Lead & Arc Lead 16mm x 3m ,
UNI-MIG Twin Gauge Argon Regulator, 2M Gas Hose Complete with fittings.



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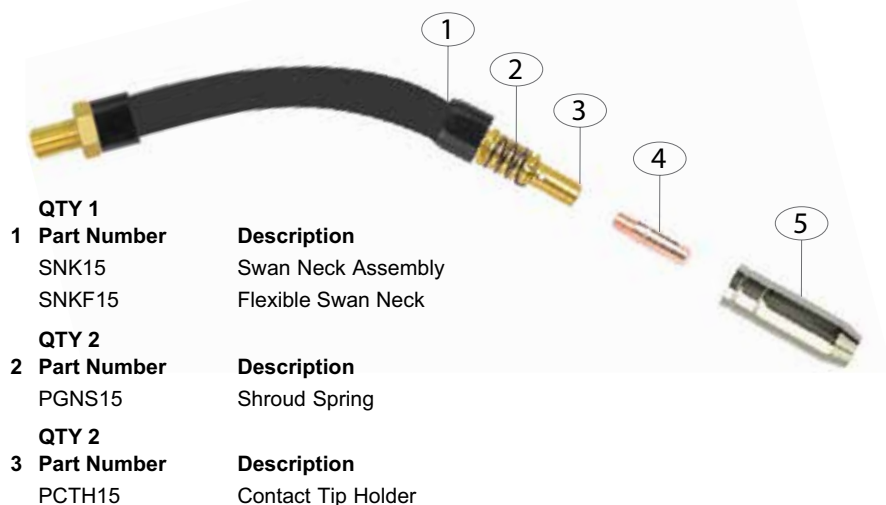
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Torch Spare Parts - Machine Options & Accessories



180A AIR COOLED MIG WELDING TORCH

Rating:180A CO² 150A mixed gas EN60974-7 @ 60% duty cycle. 0.6 to 1.0mm wires



QTY 1	
1 Part Number	Description
SNK15	Swan Neck Assembly
SNKF15	Flexible Swan Neck
QTY 2	
2 Part Number	Description
PGNS15	Shroud Spring
QTY 2	
3 Part Number	Description
PCTH15	Contact Tip Holder

QTY 10	
4 Part Number	Description
PCT0008-06	Contact Tip Steel (0.6mm)
PCT0008-08	Contact Tip Steel (0.8mm)
PCT0008-09	Contact Tip Steel (0.9mm)
PCT0008-10	Contact Tip Steel (1.0mm)
PCTAL0008-09	Contact Tip Aluminium (0.9mm)
PCTAL0008-10	Contact Tip Aluminium (1.0mm)

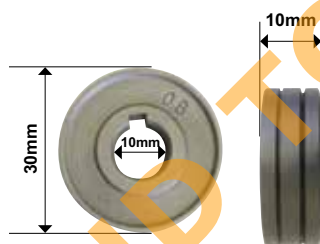
QTY 2	
5 Part Number	Description
PGN15CYL	Cylindrical Nozzle
PGN15CON	Conical Nozzle
PGN15TAP	Tapered Nozzle
PGN15SPOT	Spot Nozzle

Torch Model	
Description	Part Number
	3 Mt
SB Suregrip Ergo Torch Package	SB15-3M
	4 Mt
	SB15-4M

Drive Roller

ROLLER DIAMETER: 30/10

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V Groove Drive Roller - Steel Wire

Knurled Drive Roller - Flux Core Wire

U Groove Drive Roller - Soft Wire

Machine Options

Torch Aluminium Kit

KALPVM150/182
Aluminium Kit Option
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General Purpose Electrodes

GP E6013
Electrodes
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Welding Helmet

UMVWH
UNIMIG Viper Helmet
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Gasless Wire

Flux-Cored Welding Wire
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Welding Gloves

UMWG6
MIG / MMA Welding Gloves Option
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