

VIPERMIG 180i

Dual Voltage MIG/ARC Welder

Welds: Steels, Stainless, Cast Iron, Bronze, Aluminum etc



Features

- Latest IGBT inverter technology
- MIG with Gas and Gasless wire function
- Superb Arc welding capability
- Central connect Welding Torch
- 100% Spool Gun Ready
- IP21S rating for environmental/safety protection
- Tolerant to variable power supply
- Stepless voltage Dial selection
- Euro torch connection
- Portable
- Thermal overload protection
- Burn-back adjustment
- Dual Voltage 115/230V
- 11 Pound Wire Spool compatible
- Compliant to CAN/CSA E60974-1



CODE: JVMIG180i

TYPE		VIPER MIG180A			
Input voltage (V)		Single phase AC230V±15% (50/60Hz)			
No-load voltage (V)		MIG:53V		ARC:53V	
Wire feeding speed range		79~551(in/min) 2~14(m/min)			
Welding wire diameter		0.023/0.030/0.035/0.040(in.) 0.6/0.8/0.9/1.0(mm)			
ARC	Input:230V Rated input current: I _{eff} =16.7A I _{Max} =34.3A Output:10A/20.4V~160A/26.4V	X	30%	60%	100%
		I2	160A	113A	88A
		U2	26.4V	24.5V	23.5V
MIG	Input:230V Rated input current: I _{eff} =16.6A I _{Max} =30A Output:30A/15.5V~180A/23V	X	30%	60%	100%
		I2	180A	127A	99A
		U2	23V	20.4V	18.9V
Input voltage (V)		Single phase AC115V±15% (50/60Hz)			
No-load voltage (V)		MIG:51V		ARC:51V	
Wire feeding speed range		79~433in/min)			
Welding wire diameter		0.023/0.030/0.035			
ARC	Input:115V Rated input current: I _{eff} =15A I _{Max} =20A Output:10A/20.4V~60A/22.4V	X		60%	100%
		I2		60A	46A
		U2		22.4V	22V
MIG	Input:115V Rated input current: I _{eff} =15A I _{Max} =21A Output:30A/15.5V~80A/18V	X	50%	60%	100%
		I2	80A	73A	57A
		U2	18V	17.7V	16.8V
Efficiency (%)		230Vac	85%		
		115Vac	82%		
Power factor		230Vac	0.64		
		110Vac	0.74		
Protection class		IP21S			
Insulation class		B			
Cooling		Air cooled			



*Optional

Overview

The VIPER MIG180 is a new inverter-based portable MIG welding machine with added ARC 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. ARC welding capability delivers easy electrode welding with high quality results, including cast Iron and stainless. Being dual Voltage gives great versatility. Ideal for DIY and home workshop. Designed and built to our specifications. A real little workhorse at a very competitive price! 100% Spool Gun compatible.

MACHINE PACKAGE: JVMIG180i :VIPER MIG 180, SB15 10 Ft MIG Torch, Flowmeter Regulator, ARC lead set, adapter, gas hose and fittings * TWECO2 Style torch available upon request.