

Migmatic® 383

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**MIG Arc Welding
Power Source** 

**Quick
Specs**



Industrial Applications

Construction
Trailer Fabrication
Excavator Bucket repairs
Rental Fleets
Maintenance Repair

Process

MIG (GMAW)
Flux Cored (FCAW)

Input Power

3 Phase, 230/380-400 VAC 50Hz

Rated Output

350Amps at 32 VDC, 50% Duty Cycle

Wire Feed Speed

1.3-20 MPM (50-790 IPM)

Weight

Net: 105-108 Kg Ship: 120-123 Kg

The Power of Blue.

NEW! Built-in retractable gun & cable holder provides a convenient storage place for your MIG gun & cable.



***NEW! Adjustable Wire Run-in & Burn-back controls** allows the user to optimise arc starts & stops, reducing wire stubbing or wire burning back onto the contact tip.

Built-in Spot-weld feature provides consistent timed welds.

NEW! Heavy-duty wire drive motor tackles even the most demanding applications!



NEW! Industrial 4 roll-gear-driven, cast aluminium drive system features no-tool, quick-change reversible drive rolls (1.0/1.2mm) and easy-to-set, tension adjustment knobs.

***NEW! Easy-to-use digital user interface display**

Displays clear, precise readings of arc voltage, wire speed or amperage while welding. Also displays 2T/4T Trigger mode



Industrial MIG System with:

- H/Duty power source
- 30 Voltage steps
- 2 Inductance settings
- H/Duty wire feed system
- 1.0/1.2mm drive rolls
- H/Duty ground cable & clamp
- Factory-Installed Running gear/Bottle rack

Traditional tapped design & Laminated Inductor

Provides a stable, smooth Arc operators appreciate

2T/4T Latching Gun Trigger

Allows the operator to weld for extended periods, without having to maintain pressure on the gun trigger



NEW! Removable consumable compartment provides convenient storage space for contact tips, nozzles, drive rolls etc.

Wire Jog feature enables the operator to thread the MIG wire through the torch, without the wire being live. **Gas Purge feature** helps to prevent porosity at arc starts by purging the MIG gun prior to use.



Power source is warranted for 3 years, parts & labour.
Original main power rectifier parts are warranted for 5 years.

*Optional



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Specifications (Subject to change without notice)



Model	Rated Output	Max. OCV	Voltage Range	Amps Input at rated output, 50 Hz 230/380-400VAC	Wire Type and Diameter	Wire Feed Speed	Dimensions
Migmatic 383	350A/32VDC 50% Duty Cycle	42VDC	15/36 Volts	38/22 Amps	Solid Steel: 0.6-1.6mm Aluminum: 0.8-1.6mm Flux Cored: 0.9-1.6mm	1.3-20m/min (50-790 IPM)	W=480 H= 800 L= 1050

Drive Roll & Drive Roll Kits

Wire Size	"V" Groove Kit	"V" Knurled Kit	Drive Roll Only (V Groove)	Wire Guides Inlet	Wire Guides Intermediate	"U" Groove Kit	"U" Cogged Kit	Nylon Wire Guides Inlet	Nylon Wire Guides Intermediate
0.6 mm	087 132		087 130	056 192	056 206				
0.8 mm	046 780		053 695	056 192	056 206			151 203	058 837
0.8/1.0 mm			203 526	056 193	056 207			151 203	058 837
0.9mm	046 781	046 792	053 700	056 193	056 207	044 750		151 203	058 837
1.0/1.2 mm*			189 285	056 193	056 207			151 203	058 837
1.2 mm	046 782	046 793	053 697	056 193	056 207	046 785	083 319	151 203	058 837
1.3/1.4 mm	046 783	046 794		056 195	056 209	046 786	083 320	151 205	058 853
1.6 mm	046 784	046 795	053 699	056 195	056 209	046 787	046 800	151 205	058 853

* Supplied

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
Migmatic® 383	029015427	380-400VAC 3 Phase, 50 Hz		
Migmatic® 383	029015429	230/380-400VAC 3 Phase, 50 Hz		
Accessories				
Drive Roll Kit		See Drive Roll Kits table above		
Digital Meter Kit (Factory)	028066246	Digital Volt/Amp/Wire feed speed & Trigger mode display		
Digital Meter Kit (Field)	028066247	Digital Volt/Amp/Wire feed speed & Trigger mode display		
Run-in & B-back (factory)	028066249	Pre-settable wire run-in & Burn-Back controls		
Run-in & B-back (field)	028066248	Pre-settable wire run-in & Burn-Back controls		
Reverse Polarity (Factory)	028066253	Required for flux cored wires		
Reverse Polarity (Field)	028066252	Required for flux cored wires		
Fan-On-Demand™ (Factory)	028066255	Controls fan cooling as required		
Fan-On-Demand™ (Field)	028066254	Controls fan cooling as required		
Protective Cover & bag	195 142	Canvas protective cover c/w helmet bag		

Total Price Quoted:



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