

Migmatic® 333 *New!*

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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

300Amps at 29 VDC, 50% Duty Cycle

Wire Feed Speed

1.3-20 MPM (50-790 IPM)

Weight

Net: 96-99 Kg Ship: 111-114 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 dual-gear-driven, cast aluminium drive system features no-tool, quick-change reversible drive rolls (1.0/1.2mm) an easy-to-set, scaled, tension adjustment knob.

***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
- 20 Voltage steps
- 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 333	300A/29VDC 50% Duty Cycle	38VDC	15/32 Volts	32/19 Amps	Solid Steel: 0.6-1.2mm Aluminum: 0.8-1.2mm Flux Cored: 0.9-1.4mm	1.3-20m/min (50-790 IPM)	W=480 H= 800 L= 1050

* Power source only

Drive Roll & Drive Roll Kits

Wire Size	"V" Groove Kit	"V" Knurled Kit	"V" D/ roll Only	Inlet Guide	"U" Groove Kit	Inlet Guide	Inlet Guide Nylon
0.6mm	087 131		087 130	056 192			
0.8 mm	079 594		053 695	056 192			
0.8/1.0mm	204 579		203 526	056 192			
0.9mm	079 595	079 606	079 606	056 192	044 749	056 192	151 203
1.0/1.2mm*			189 285	056 193			
1.2mm	079 596	079 607	046 793	056 193	079 599	056 193	151 203
1.3/1.4mm	046 783	079 608	046 794	056 193	079 600	056 193	151 205
1.6mm							
2.0mm							

* Supplied

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
Migmatic® 333	029015422	380-400VAC 3 Phase, 50 Hz		
Migmatic® 333	029015424	230/380-400VAC 3 Phase, 50 Hz		
Accessories				
Drive Roll Kit		See Drive Roll Kits table above		
Digital Meter Kit (Factory)	028066244	Digital Volt/Amp/Wire feed speed & Trigger mode display		
Digital Meter Kit (Field)	028066245	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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