

# Migmatic® 250/250 DX

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**MIG Arc Welding  
Power Source**



**Quick  
Specs**



**Industrial Applications**

Auto Body Repair  
Trailer Fabrication  
Container Repairs  
Exhaust Manufacture  
Maintenance Repair

**Process**

MIG (GMAW)  
Flux Cored (FCAW)

**Input Power**

3 Phase, 230/380-400 VAC 50Hz  
380-400 VAC 50Hz

**Rated Output**

250Amps at 28 VDC, 35% Duty Cycle

**Wire Feed Speed**

1.1-20 MPM (43-788 IPM)

**Weight**

Net: 81.0 Kg Ship: 84.0 Kg

## The Power of Blue.

**NEW! DX Model Features easy-to-use Synergic user interface with digital display** makes set up very simple and gives you precise settings for a variety of materials instantly.

**Manual Mode** allows you to manually set weld parameters for broader applications.

**Superior performance arc control technology** provides the operator with state-of-the-art class leading performance on a wide variety of materials.



**Industrial MIG System with:**

- H/Duty power source
- 10 Voltage steps
- H/Duty wire feed system
- 0.8/1.0mm drive rolls
- H/Duty ground cable & clamp
- H/Duty Running gear/ Bottle rack

**Ergonomic, easy to operate controls**  
Allows the operator to set-up

**Traditional tapped design & Laminated Inductor**  
Provides a stable, smooth Arc operators appreciate

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

**NEW! Adjustable Run-In control** allows the user to optimise arc starts reducing wire stubbing or arc flaring.  
(DX models only)

**NEW! Spot Weld Timer** provides consistent spot welds every time.  
(Base models only)

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



**\*NEW! Spool-Gun with Auto-Detect** provides reliable & economical welding of aluminium.  
(DX models only)

**Thermal overload protection**  
Shuts down the power source output, if overheating of either the main transformer or rectifier occurs.

**NEW! Industrial dual-gear-driven**, features no-tool, quick-change reversible drive rolls (0.8/1.0mm) an easy-to-set, scaled, tension adjustment knob.

**NEW! Professional wire drive motor** tackles even the most demanding applications!



Welder is warranted for 3 years, parts & labour.  
Original main power rectified 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 250/250DX	250A/28VDC 35% Duty Cycle	38VDC	13/32 Volts	23/13 Amps	<b>Solid Steel:</b> 0.8-1.2mm <b>Aluminum:</b> 0.8-1.2mm <b>Aluminium Spool Gun**</b> 0.6-1.2mm <b>Flux Cored:</b> 1.0-1.2mm	1.1-20m/min (43-788 IPM)	W=480 H= 700 L= 920

\* Power source only \*\* Optional

## Drive Roll & Drive Roll Kits

Wire Size	"V" Groove Drive Roll	"U" Groove Drive Roll	"V" Knurled Drive Roll
0.6/0.8mm	156053100		
0.8/1.0mm*	156053101		
1.0/1.2mm	156053102	156053104	156053106

\* Supplied

## Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
Migmatic® 250	TBC	380-400VAC 3 Phase, 50 Hz		
Migmatic® 250DX	TBC	380-400VAC 3 Phase, 50 Hz		
Migmatic® 250	TBC	230/380-400VAC 3 Phase, 50 Hz		
Migmatic® 250DX	TBC	230/380-400VAC 3 Phase, 50 Hz		
<b>Accessories</b>				
Drive Roll Kit		See Drive Roll Kits table above		
Spool Gun (DX Models Only)	TBC	Spool Gun with Euro-adaptor & amphenol remote plug		

Total Price Quoted:



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