

MigMatic[®] 220/220 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

Processes

MIG (GMAW)
Flux Cored (FCAW)

Input Power

1 Phase, 230 VAC, 50Hz

Rated Output

200 Amps at 24 VDC, 20% Duty Cycle

Wire Feed Speed

1–28.2 MPM (39–1110 IPM)

Weight

Net: 81.0 kg (178 lb)
Ship: 84.0 kg (185 lb)

The Power of Blue.[®]

NEW! DX model features easy-to-use **Synergic user interface** with digital display to simplify set up and offer precise settings for welding a variety of materials.

Manual Mode allows for simple manual setting of parameters for welding on a broad range of applications.



NEW! Spoolmate[™] DX with Auto-Detect offers reliable and economical welding performance on aluminum applications.

Thermal overload protection shuts down the power source output if the main transformer or rectifier overheats.

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

NEW! Professional wire drive motor withstands even the most demanding applications!

New!



Industrial MIG System with:

- Heavy duty power source
- 10 voltage steps
- Heavy duty wire feed system
- 0.8/1.0 mm drive rolls
- Heavy duty ground cable and clamp
- Heavy duty running gear/bottle rack

Traditional tapped design and laminated inductor provide a stable, smooth arc for consistent weld quality.

Consumable compartment provides convenient storage for contact tips, drive rolls and more.

Adjustable run-in control allows the operator to optimize arc starting with a variety of different wires.

Spot weld timer provides consistent spot welds every time. (Base models only.)

Adjustable burnback control reduces wire stubbing, arc flaring and prevents wire burnback to protect contact tips.

Ergonomic, easy-to-operate controls simplify set-up without minimizing features or welding performance.

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

TRUE BLUE[®]
3YR. WARRANTY

Warranted for 3 years, parts and labor.



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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 VAC	Wire Type and Diameter	Wire Feed Speed	Dimensions
MigMatic 220/220 DX	200 A at 24 VDC, 20% Duty Cycle	40 VDC	18/40 volts	35	Solid Steel: 0.6–1.2 mm (.023–.045 in) Flux Cored: 0.9–1.2 mm (.035–.045 in) Stainless Steel: 0.8–1.0 mm (.030–.040 in) Silicon Bronze: 0.8–1.0 mm (.030–.040 in) Aluminum: 0.8–1.2 mm (.035–.045 in) Aluminum Spool Gun: 0.8–1.0 mm (.030–.040 in)	1.0–28.2 MPM (39–1110 IPM)	L: 920 mm (36-3/16 in) W: 480 mm (18-7/8 in) H: 700 mm (27-5/8 in)

Drive Roll Kits

Wire Size	“V” Groove Drive Roll	“U” Groove Drive Roll	“V” Knurled Drive Roll
0.6/0.8 mm (.023/.030 in)	156 053 051	—	—
0.8/1.0 mm (.030/.040 in)	156 053 109	156 053 053* 156 053 111 (Spool gun only)	—
1.0/1.2 mm (.040/.045 in)	156 053 052	156 053 054	156 053 110

*Supplied

Genuine Miller Accessories

Spoolmate™ DX

#058 020 018 Gun only

#058 020 019 Gun and carrying case

For DX models only. Air-cooled, 200-amp spool gun for aluminum MIG. Includes Euro-adaptor and amphenol remote plug.



Ordering Information

Power Source and Options	Stock No.	Description	Qty.	Price
MigMatic® 220	#029 015 520	230 VAC, 1 Phase, 50 Hz		
MigMatic® 220 DX	#029 015 521	230 VAC, 1 Phase, 50 Hz		
Accessories				
Drive Roll Kit		See Drive Roll Kits table above		
Spoolmate™ DX (DX models only)	#058 020 018	Spool gun with Euro-adaptor and amphenol remote plug		
Spoolmate™ DX with Carrying Case (DX models only)	#058 020 019	Spool gun with Euro-adaptor, amphenol remote plug, and carrying case		

Date:

Total Quoted Price:

Distributed by:

