MigMatic® 380/380 DX

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MIG Arc Welding Power Source

Quick Specs

Industrial Applications
- Construction
- Trailer Fabrication
- Excavator Bucket Repair
- Rental Fleets
- General Fabrication

Processes
- MIG/MAG (GMAW)
- Flux Cored (FCAW)

Input Power	3-Phase, 230/400 VAC, 50/60 Hz or 3-Phase, 400 VAC, 50/60 Hz
Rated Output	350 Amps at 31.5 VDC, 35% Duty Cycle
Wire Feed Speed	1.3–26 MPM (51–1000 IPM)
Weight	Net: 102.6 kg (227 lb) Ship: 118 kg (260 lb)

The Power of Blue®

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 simple adjustment of parameters for welding on a broad range of applications.

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

Industrial 4-gear-driven system features no-tool, quick-change reversible drive rolls (1.0/1.2 mm) and an easy-to-set tension adjustment knob.

Professional wire drive motor withstands even the most demanding applications!

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

MigMatic 380

MigMatic 380 DX

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

Superior arc control technology and high/low inductance taps provide the operator with state-of-the-art welding performance on a wide variety of materials.

Industrial MIG System with:
- Heavy-duty power source
- 20 voltage steps
- Heavy-duty wire feed system
- 1.0/1.2 mm drive rolls
- Heavy-duty ground cable and clamp 3 m, 35 mm²
- Heavy-duty running gear/ bottle rack

Spot weld timer provides consistent spot welds every time (MigMatic 380 only).

Adjustable wire run-in and burnback controls allow operator to optimise arc starts and stops with a variety of wire sizes, and reduce wire stubbing or wire burning back into the contact tip (MigMatic 380 DX only).

2T/4T latching gun trigger allows operator to weld for extended periods, without having to maintain pressure on torch trigger (MigMatic 380 DX only).

TRUE BLUE® 3YR. WARRANTY

Warranted for 3 years, parts and labour.

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Specifications (Subject to change without notice.)

CV DC 3 Phase

Model	Rated Output	Max. OCV	Voltage Range	Amps Input at Rated Output, 50/60 Hz, 230/400 VAC	Wire Type and Diameter	Wire Feed Speed	Dimensions
MigMatic 380/380 DX	350 A at 31.5 VDC, 35% Duty Cycle	43 VDC	17/43 Volts	40/23	Solid Steel: 0.6–1.2 mm (.023–.045 in) Flux Cored: 0.9–1.2 mm (.035–.045 in) Stainless Steel: 0.6–1.0 mm (.023–.040 in) Silicon Bronze: 0.8–1.0 mm (.030–.040 in) Aluminum: 0.8–1.2 mm (.035–.045 in)	1.3–26 MPM (51–1000 IPM)	L: 1066 mm (42 in) W:471 mm (18-1/2 in) H: 825 mm (32-1/2 in)

Drive Roll Kits

Wire Size	"V" Groove 2 Roll Kit	"V" Groove 4 Roll Kit	"V" Groove Drive Rolls	Wire Guides Inlet Guide	Wire Guides Intermediate	"U" Groove 2 Roll Kit	"U" Groove 4 Roll Kit
0.6 mm (.023 in)	**087 131**	**087 132**	**087 130**	**056 192**	**056 206**	**—**	**—**
0.8 mm (.030 in)	**079 594**	**046 780**	**053 695**	**056 192**	**056 206**	**—**	**—**
0.8/1.0 mm (.030/.040 in)	**204 579**	**—**	**203 526**	**056 193**	**056 207**	**—**	**—**
0.9 mm (.035 in)	**079 595**	**046 781**	**053 700**	**056 193**	**056 207**	**056 192**	**044 750**
1.0/1.2 mm (.040/.045 in)	**—**	**—**	**189 285***	**056 193***	**056 207***	**—**	**—**
1.2 mm (.045 in)	**079 596**	**046 782**	**053 697**	**056 193**	**056 207**	**056 193**	**046 785**
1.3/1.4 mm (.052/.056 in)	**046 783**	**046 783**	**—**	**056 195**	**056 209**	**056 193**	**046 786**

**Supplied*

Ordering Information

Power Source and Options	Stock No.	Description	Qty.	Price
MigMatic® 380	**#029 015 542**	400 VAC, 3 Phase, 50/60 Hz		
MigMatic® 380 DX	**#029 015 543**	400 VAC, 3 Phase, 50/60 Hz		
MigMatic® 380	**#029 015 547**	230/400 VAC, 3 Phase, 50/60 Hz		
MigMatic® 380 DX	**#029 015 548**	230/400 VAC, 3 Phase, 50/60 Hz		
Accessories				
Drive Roll Kit		See Drive Roll Kits table above		

Date: **Total Quoted Price:**

Distributed by:

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