

Migmatic® 380

April 2011 • Index Nr. MN/--

MIG Arc Welding
Power Source



Quick Specs



Applications
Construction
Trailer Fabrication
Excavator Bucket Repairs
Rental Fleets
Maintenance Repair

Process
MIG
Flux Cored

Input Power: 400 V 3 - Phase
Rated Output: 350 A 35% DC at 40° C
Wire Feed Speed: 2 - 26 m/min.
Weight: 103,0 kg

S IP 22

The Power of Blue.®

Choose from 2 models

A base model equipped with the most common features and a deluxe model equipped with all features including semi synergic control.

Digital meters both models are equipped with a digital meter. This meter shows current, voltage or wire feed speed. Choose the preferred readout by pushing the selector.

Adjustable Run- In and Burnback allows the user to optimise arc starts & stops, reducing wire stubbing or wire burning back onto the contact tip.

Thermal Protection With indicator light. Prevents damage when there is a risk of overheating, due to over duty cycle or reduced airflow.

2-4 Step trigger mode with gas preflow and post flow function in 4 step mode. For ease of use during long welds.

Built-in Spot-weld feature provides consistent timed welds. (only Basic model)



Industrial MIG Systems with:

- Heavy duty transformer
- 30 voltage steps
- Two choke connections
- Heavy duty wire drive
- 1.0 - 1.2mm drive rolls
- Standard with running gear and bottle rack

Professional 4 roll driven wire drive.



Synergic control with programs for steel, stainless, aluminium and Mig Brazing (Only on the deluxe model).

30 voltage steps enough for precise adjustment of the welding voltage.

Two choke connections. With optimal inductance for the most common applications.

Superior welding characteristics. Due to the modern transformer design, excellent starting and a very stable welding arc. Suitable for a wide range of applications.



Power source is warranted for 3 years, parts and labour.



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Specifications



Input Voltage	Rated Output	Voltage-Range	Wire Type and Diameter	Wire Feed Speed	Max. Open-Circuit Voltage	Dimensions	Weight
400 V /3ph 230/400V/3ph	350 A @ 35% Duty Cycle	15-36 V	Solid Wire: 0.6 - 1.2 mm Aluminum: 0.8 - 1.2 mm Flux cored: 0.9 - 1.4 mm	2 - 26 m/min	43 VDC	H: 825 mm W: 471 mm D: 1066 mm	103 kg

Drive Roll & Drive Roll Kits

Wire Size	V- groove kit	V- groove knurled	V- groove Only	Wire Guides		U- groove kit	U- groove kit knurled	Nylon Wire Guides	
				Inlet Guide	Intermediate			Inlet Guide	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
0,9 mm	046 781	046 792	053 700	056 193	056 207	0447 50		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

Power Source	Stock No.	Description
Migmatic 380	029 015 542	Standard model 400 VAC
Migmatic 380 DX	029 015 543	Deluxe model 400 VAC
Migmatic 380	029 015 547	Standard model 230/400 VAC
Migmatic 380 DX	029 015 548	Deluxe model 230/400 VAC
Accessories		
Drive Roll Kit		See Drive Roll Kits table above
Elga Maxex	On request	Gasregulator with 2 manometers Argonmix gas (2-30 ltr) Gas Cylinder Connection 24,32 x 14/1" - 3/8"R
Bernard Guns	Q40 12A E8D E	400 A, 3,7 m, Centerfire

