

AUTOMIG 181 | 183 | 223 | 231 | 271 | 273



Robust, step-regulated MIG/MAG classics for auto business, trade and industry

Professional and well-proven machines

The first welding machine delivered by Migatronik to a car repair shop back in 1970 was developed and produced according to the mechanic's specific demands for a robust and easy-to-operate machine. That's how it has been ever since. Migatronik's Automig machines are robust and reliable workhorses for quality welding in auto business, trade and industry.



MIG/MAG welding in sheet metal

User-friendly design

There are six different models in the Automig range, each of which are designed with a user-friendly cabinet and large turnable front wheels making it easy to move the welding machine over any obstacles on the shop floor.



Trim of welding parameters using the Dialog torch

Built-in advantages

Stable wire-feeding is important for the quality of MIG/MAG welding and therefore the Automig is equipped with a mechanical wire-feed brake and an electronic brake in the wire-feed motor. The Automig is characterized by perfect arc ignition - every time - and unique welding properties, using either CO₂ or mix gases. In addition, the machine is equipped with a short-circuit fuse for protection of the rectifier and a thermal fuse that prevents overload of the transformer.

Mono-phase or three-phase from 160 A to 250 A

The Automig is available as mono-phase or three-phase models in three different machine sizes from 160 A to 250 A. All models are particularly suited for MIG/MAG welding of steel sheets. If equipped with a special stainless/alu-kit (extra equipment), the Automig can also be used for repair welding in aluminium and stainless sheet welding.

Ease of use

The Automig is a versatile and user-friendly welding machine with optimal welding properties. Simple adjustment of parameters makes the machine operational in no time and the oblique-angled control panel makes it easy to read and adjust settings.

Practical accessories make welding easier

In addition to the special stainless/alu-kit, the Automig can be equipped with Migatronik Dialog torch allowing the welder fine-tuning of the welding current from the torch handle. The Automig can also be equipped with kit for 230 V/10 A outlet for hand tools, hand lamp, CO₂ pre-heater or other electric tools. All these options, combined with an easy-to-install tool tray, make the Automig the perfect work station.

Mono-phase or three-phase in three different models plus a versatile range of handy accessories

Mono-phase models



Automig 181

Automig 231

Automig 271

Accessories:

- Dialog torch
- Tool tray
- 230 V outlet for electric tools
- Start package
- Stainless/alu-kit



Tool tray

Three-phase models



Automig 183

Automig 273

Automig 223



Kit for 230 V/10 A auxiliary voltage supply



Wire-feed unit for aluminium and stainless



Automig 273 is also available with four-roll wire-feed system.



Big Starter kit for Automig

AUTOMIG

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AUTOMIG MONO-PHASE	181	231	271
Current range	30 - 160 A	20 - 200 A	20 - 250 A
Voltage steps	4	11	9
Duty cycle 35%	60 A	135 A	190 A
Open circuit voltage	19 - 33 V	17 - 47 V	14 - 54 V
Mains voltage	1 x 230 V	1 x 230 V	1 x 230 V
Fuse 230/400 V	10 A	16 A	25 A
Wire dimension, mm	0.6-0.8	0.6-1.2	0.6-1.2
Wire reel, kg	5-15	5-15	5-15
Wire feed speed, m/min.	2-12	2-12	2-15
Spot time, sec. *)	0.15-2.5	0.15-2.5	
Interval time, sec. *)	-	0.15-2.5	0.15-2.5
Burnback, sec.	0.05-0.5	0.05-0.5	0.05-0.5
Application class	S	S	S
Protection class	IP 21	IP 21	IP 21
Norm	EN60974-1 / EN50199		
Dimensions, cm	72 x 38 x 70	72 x 38 x 70	72 x 38 x 70
Weight, kg	52	54	71



The oblique-angled control panel makes it easy to adjust parameters

AUTOMIG THREE-PHASE	183	223	273
Current range	20 - 180 A	20 - 200 A	20 - 250 A
Voltage steps	7	10	10
Duty cycle 35%	110 A	150 A	200 A
Open circuit voltage	14 - 30 V	14 - 30 V	15 - 34 V
Mains voltage	3 x 230^400 V	3 x 230^400 V	3 x 230^400 V
Fuse 230/400 V	10 A/10 A	10 A/10 A	10 A/10 A
Wire dimension, mm	0.6-1.0	0.6-1.2	0.6-1.2
Wire reel, kg	5-15	5-15	5-15
Wire feed speed, m/min.	2-12	2-14	2-15
Spot time, sec. *)	0.15-2.5	0.15-2.5	0.15-2.5
Interval time, sec. *)	0.15-2.5	0.15-2.5	0.15-2.5
Burnback, sec.	0.05-0.5	0.05-0.5	0.05-0.5
Application class	S	S	S
Protection class	IP 21	IP 21	IP 21
Norm	EN60974-1 / EN50199		
Dimensions, cm	72 x 38 x 70	72 x 38 x 70	72 x 38 x 70
Weight, kg	57	64	66

*) Spot welding and interval welding
We reserve the right to make changes.

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