

# 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.

## 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 CO<sub>2</sub> 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.



Trim of welding parameters using the Dialog torch

## 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.

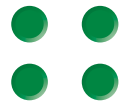
## Ease of use

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, CO<sub>2</sub> 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
- Pre-heater kit



Tool tray

## Three-phase models



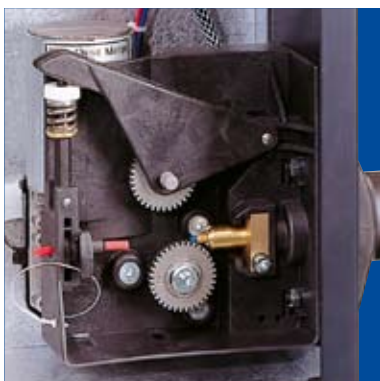
Automig 183

Automig 273

Automig 223



Kit for 230 V / 10 A auxiliary voltage supply



Wire-feed unit for aluminium and stainless



4-roll wire-feed system (Automig 273)



Big Starter kit for Automig

# AUTOMIG

## 181 | 183 | 223 | 231 | 271 | 273

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	140 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

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.



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

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