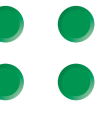




# Step-regulated MIG/MAG machines for industrial welding – from sheet metal to heavy duty constructions

# Migatronik MIG - compact version or separate wire-feed unit



## Four basic models – many combinations

Migatronik's MIG range is based on elaborate technology and consists of a number of high-performance step-regulated models, MIG 305x, 385x, 445x and 545x - all with a large number of possible combinations:

- Aircooled or watercooled welding hoses
- C or S versions (C = Compact, S = Separate wire-feed unit)
- Standard wire-feed speed up to 18 m/min. using MWF 8
- Wire-feed speed up to 24 m/min. using MWF 11 – for demanding welding jobs (S version only)
- Prepared for 5 and 15 kg wire reels and connectable to 250-400 kg reels
- Special solutions for special welding jobs

## Allround machine for dip-transfer and spray-transfer welding

Whichever combination is chosen, you get a MIG welding machine with high duty cycle for intensive quality welding in steel, stainless steel and aluminium. The machines are well suited for industrial welding, site welding and repairs.

## Operational comfort – flexible wire-feeding

Migatronik MIG welding machines are extremely user-friendly. The display is readily accessible and easy to read and the easy-to-understand symbols reduce the risk of faulty attendance by the welder. The parameters can be adjusted either on the front of the machine or directly on the Migatronik Dialog torch at the welding site.

On S models, the wire-feed unit is positioned on top of the power source and can be turned in any direction providing the welder with a high degree of flexibility during welding. A four-roll wire-feed system provides stable and continuous feeding of wire – also flux-cored wire – and the logical construction makes it easy to change wire and rolls for varying welding jobs.



## Operationally reliable and service-friendly

The electronics unit in the Migatronik MIG range is protected against dust and separated from moving parts. The result is increased operational reliability, longer life and minimum maintenance. In addition, the MIG range is equipped with automatic short-circuit fuse.

Migatronik focuses on operating efficiency and environment; the machines are equipped with a standby function for water pump and fan. The welder can easily change all wear parts – and if necessary, the team of Migatronik service technicians is ready to turn out with original spare parts in the service vehicle.



MIG 305x C – the smallest compact version



MIG 385x C and MIG 445x C – the two largest compact versions – with large wheels and robust chassis with crane lifting eyes.



MIG 305x S, 385x S, 445x S and 545x S come with separate wire-feed unit.

# MIG 305x | 385x | 445x | 545x

POWER SOURCE	MIG 305x C/S	MIG 385x C/S	MIG 445x C/S	MIG 545x S
Fuse 230 / 400 V	25 / 10 A	25 / 16 A	35 / 20 A	50 / 35 A
Voltage steps	20	24	24	36
Duty cycle 100%	170 A	240 A	265 A	350 A
Duty cycle 60%	215 A	300 A	315 A	430 A
Duty cycle 35%	285 A	335 A	405 A	505 A
Current range	40-300 A	40-385 A	40-445 A	40-545 A
Inductance tappings	1	2	2	4
Efficiency rate	0.85	0.80	0.85	0.89
Cooling tank, liter	-	3.5	3.5	3.5
Cooling system capacity, C/S	-	700 / 800 W	700 / 800 W	700 / 800 W
Protection class	IP21	IP21	IP21	IP21
Application class	S	S	S	S
Norm		IEC60974-1;-5;-10		
Dimensions C (L x W x H, cm)	96 x 48 x 85	96 x 48 x 85	96 x 48 x 85	
Dimensions S (L x W x H, cm)	96 x 48 x 126	96 x 48 x 126	96 x 48 x 126	96 x 48 x 126
Weight excl. water C/S, kg	100 / 121	135 / 151	163 / 179	220

WIRE-FEED UNIT	MIG 305x C (Internal)	MIG 385x C / 445x C (Internal)	MWF 8 (Separate wire feed unit)	MWF 11 (Separate wire feed unit)
Wire reel, mm/kg	300/15	300/15	300/15	300/15
Wire drive rolls	4	4	4	4
Wire dimension, mm	0.6-1.6	0.6-1.6	0.6-1.6	0.6-1.6
Wire-feed speed, m/min.	1-18	1-18	1-18	1-24

C = Compact (internal wire-feeding), S = Separate wire-feed unit.  
We reserve the right to make changes.

## Accessories

- MWF 11 wire-feed unit
- Push-pull welding hoses
- Long interconnection cables
- Ergonomic Dialog torch with ball-and-socket joint
- Relief arm
- Cooling unit (internal)

The Migatronik MIG welding machines are characterized by excellent welding properties and long service lives.

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