

# M-PRO SERIES



## Process table

MIG-MAG



standard for all models



standard for certain models









optionally available


## Operation concepts

		
<b>BasicPlus</b>	<b>ControlPro</b>	<b>Performance</b>
<ul style="list-style-type: none"> <li>■ "3 steps to weld" operating concept</li> <li>■ with automatic setting control (synergic function)</li> <li>■ Switch 2-stroke/4-stroke/spot/interval</li> <li>■ 2-roll wire feeder</li> <li>■ 6-12 voltages steps (depending on model)</li> </ul>	<ul style="list-style-type: none"> <li>■ "3 steps to weld" operating concept</li> <li>■ with automatic setting control (synergic function)</li> <li>■ Switch 2-stroke/4-stroke/spot/interval</li> <li>■ 4-roll wire feeder</li> <li>■ 7-12 voltages steps (depending on model)</li> <li>■ Volt-ampere display</li> </ul>	<ul style="list-style-type: none"> <li>■ "3 steps to weld" operating concept</li> <li>■ with automatic setting control (synergic function)</li> <li>■ Switch 2-stroke/4-stroke/spot/interval</li> <li>■ 4-roll wire feeder</li> <li>■ 21 voltages steps</li> <li>■ Volt-ampere display</li> <li>■ high-luminosity graphic display (OLED)</li> <li>■ Tiptronic job memory for 10 welding tasks</li> <li>■ Possibility for connection of the Power-master remote control torch</li> </ul>

# TECHNICAL DATA

	 M-Pro 170	 M-Pro 210	 M-Pro 250	 M-Pro 300	 M-Pro 150 CuSi	 M-Pro 200 CuSi
MIG-MAG						
- Welding range (in A)	25-170	25-210	30-250	30-300	15-150	15-200
- voltage setting	6 steps	12 steps	12/21 steps	12/21 steps	7 steps	12/21 steps
Duty cycle						
- duty cycle 100% 40 °C (in Amps)	70	75	150	170	100	100
- duty cycle 60% 40 °C (in Amps)	85	90	185	205	120	130
- duty cycle at max. current 40 °C (in %)	15%	15%	25%	25%	40%	20%
Feeder and wire						
- wire feed unit	2 rolls	2/4 rolls	2/4 rolls	2/4 rolls	2/4 rolls	4 rolls
- weldable wires steel (in mm)	0,6-0,8	0,6-1,0	0,6-1,0	0,6-1,2	0,6-1,0	0,6-1,0
- weldable wires aluminium (in mm)	1,0	1,0-1,2	1,0-1,2	1,0-1,2	0,8-1,0	0,8-1,2
- weldable wires CuSi (in mm)	---	---	---	---	0,8-1,0	0,8-1,0
Mains						
- mains voltage (in V)	230	230	400	400	400	400
- phases (50/60 Hz)	1~	1~	3~	3~	3~	3~
- Mains voltage 2 (in V)	400	400	---	---	---	---
- phases (50/60 Hz)	2~	2~	---	---	---	---
- positive mains tolerance (in %)	15%	15%	15%	15%	15%	15%
- negative mains tolerance (in %)	15%	15%	15%	15%	15%	15%
- mains fuse (in Amps)	16	16	16	16	16	16
- mains plug	Schuko/CEE 16	Schuko/CEE 16	CEE 16	CEE 16	CEE 16	CEE 16
Dimensions and weights						
- dimensions (LxWxH) (in mm)	880x400x755	880x400x755	880x400x755	880x400x755	880x400x755	880x400x755
- weight (in kg)	65	69	71	80	66	68
Standards and approvals						
- standard	EN 60974-01	EN 60974-01	EN 60974-01	EN 60974-01	EN 60974-01	EN 60974-01
- protection class (EN 60529)	IP23S	IP23S	IP23S	IP23S	IP23S	IP23S
- insulation class	F	F	F	F	F	F
- designation	CE, S	CE, S	CE, S	CE, S	CE, S	CE, S

## Versions

	
<b>A system</b>	<b>A System with Set</b>
Mobile compact system with integrated wire feeder	Mobile compact system with integrated wire feeder with complete accessories for MIG-MAG welding