



YOUR BRAND, YOUR WELDING

WWM Series 2013



YOUR BRAND, YOUR WELDING



MIG-MAG STANDARD 1PH

WM195

6S4.195.102



An every-day machine, suitable for light carpentry, maintenance and car bodyworks.

Compact sizes, wheels kit included and the possibility to weld with different types of wires (solid or animated), as well as materials (steel, iron, aluminium, alloys), guarantee an **extreme versatility and flexibility**. The polarity change allows GAS/NO GAS welding, while **2 rolls wire feeder** and Euro connection torch make it the perfect welding machine for different kind of light-duty, as well as DIY employments.

APPLICATIONS

- Light Carpentry
- Blacksmiths
- Installation
- Repair
- General maintenance
- Bodyworks

MATERIALS

- Unalloyed Steel
- Low-Alloy Steel
- Alloy Steel
- Stainless Steel
- Copper Alloys
- Aluminium Alloys



SLOT FOR WIRE REELS



WIRE FEEDER



WM195 PANEL

WM301

6W4.301.152

WM301^{DV} (230-400V)

6W4.301.162

MIG-MAG STANDARD 3PH



This product is especially designed and manufactured for regular uses such as carpentry, general maintenance, light production and bodyworks. The **11-position power adjustment** allows to find the optimal working point in the easiest way.

The **4 rolls wire feeder** facilitates the wire sliding, ensuring an accurate welding process with different types of wires (solid or animated) and materials (steel, iron, aluminum, alloys).

APPLICATIONS

- Medium-Light Carpentry
- Building Sites
- Installation
- Blacksmiths
- Repair
- General maintenance
- Bodyworks

MATERIALS

- Unalloyed Steel
- Low-Alloy Steel
- Alloy Steel
- Stainless Steel
- Copper Alloys
- Aluminium Alloys



SLOT FOR WIRE REELS





WM400
6W4.400.152

WM400^{DV} (230-400V)
6W4.400.162



Mainly indicated to professionals who need a machine with high duty cycles. Particularly suitable for heavy carpentry, bodyworks, intensive processes and heavy duty maintenance.

The **20-position power adjustment** guarantees a fine regulation and accordingly the best accuracy to any welding process.

The **4 rolls wire feeder** (37 mm diameter) facilitates the wire sliding ensuring an accurate welding process.

APPLICATIONS

- Medium-Heavy Carpentry
- Building Sites
- Constructions
- Blacksmiths
- Agriculture
- Bodyworks

MATERIALS

- Unalloyed Steel
- Low-Alloy Steel
- Alloy Steel
- Stainless Steel
- Copper Alloys
- Aluminium Alloys



WIRE FEEDER



TECHNICAL DATA

		1PH	3PH			
		WM195	WM301	WM301 ^{DV}	WM400	WM400 ^{DV}
INPUT POWER (KVA)		2.9	6		10.3	
INPUT VOLTAGE (V.)		1x230	3X400	3x230 3X400	3X400	3x230 3X400
OUTPUT VOLTAGE (V.)		17.5/35	32		45	
ADJUSTEMENT		4	7		20	
RANGE RANGE		25 A - 170 A	35 A - 300 A		35 A - 400 A	
DUTY CYCLE	35%	170 A ^(30%)	300 A ^(10%)		400 A ^(10%)	
	60%	110 A	210 A		280 A	
	100%	85 A	150 A		200 A	
ADJUSTEMENT RANGE		4 Steps	11 Steps	7 Steps	20 Steps	14 Steps
ROLLS		2	4		4	
WIRE SPEED		2 ÷ 10 m/min	2 ÷ 20 m/min		2 ÷ 20 m/min	
DINSE		25 mm ²	25 mm ²		50 mm ²	
WEIGHT (KG)		36	67		115	
DIMENSION (MM) (WxLxH)		270X900X730	330X900X820		520X1070X950	
ELECTRODES DIAM. (MM)		0.6-0.8	0.6-1.2		0.6-1.6	
AVAILABLE						
H ₂ O VERSION		-	•		•	
DUAL VOLTAGE		-	•		•	



WM351W
6W4.351.152

WM351W^{DV} (230-400V)
6W4.351.162



This product is especially designed and manufactured for regular uses such as carpentry, general maintenance, light production and bodyworks. The **11-position power adjustment** allows to find the best working point in the simplest way.

The **4 rolls wire feeder** guarantee a smoother flow of the wire ensuring an accurate welding process with different types of wires (solid or animated) as well as materials (steel, iron, aluminum, alloys).

APPLICATIONS

- Medium Carpentry
- Building Sites
- Blacksmiths
- Agriculture

MATERIALS

- Unalloyed Steel
- Low-Alloy Steel
- Alloy Steel
- Stainless Steel
- Copper Alloys
- Aluminium Alloys



WM421W
6W4.421.152

WM421W^{DV} (230-400V)
6W4.421.162



Mainly indicated to professionals who need a machine with average/ high duty cycles. Particularly suitable for heavy carpentry, bodyworks, intensive processes and heavy duty maintenance.

The **20-position power adjustment** guarantees a fine regulation and accordingly the best accuracy to any process.

The **4 rolls wire feeder** (37 mm diameter) facilitates the wire sliding ensuring an accurate welding process.

APPLICATIONS

- Medium-Heavy Carpentry
- Building Sites
- Constructions
- Blacksmiths
- Agriculture
- Industry

MATERIALS

- Unalloyed Steel
- Low-Alloy Steel
- Alloy Steel
- Stainless Steel
- Copper Alloys
- Aluminium Alloys





WM501W
6W4.501.152

WM501W^{DV} (230-400V)
6W4.501.162



This product is especially dedicated to professionals who need a machine capable to ensure the best performance at the highest duty working cycles. The extension lead cable can be provided with a range of lengths from 1,5 to 50 mt. The **20-position power adjustment** guarantees an accurate regulation to ensure the ultimate performance to every kind of process. The machine can be equipped with a water cooling unit for the most intensive processes. Digital display allows an accurate control of welding values and parameters.

APPLICATIONS

- Heavy Carpentry
- Building Sites
- Constructions
- Blacksmiths
- Agriculture
- Industry

MATERIALS

- Unalloyed Steel
- Low-Alloy Steel
- Alloy Steel
- Stainless Steel
- Copper Alloys
- Aluminium Alloys



DISPLAY WIRE FEEDER



TECHNICAL DATA

3 PH

	WM351W	WM351W ^{DV}	WM421W	WM421W ^{DV}	WM501W	WM501W ^{DV}	WM601W	WM601W ^{DV}
INPUT POWER (KVA)	6		10.3		10.3		13.6	
INPUT VOLTAGE (V.)	3X400	3X230 3X400	3X400	3X230 3X400	3X400	3X230 3X400	3X400	3X230 3X400
OUTPUT VOLTAGE (V.)	32		45		45		58	
ADJUSTEMENT	7		20		20		30	
RANGE RANGE	35 A - 300 A		35 A - 400 A		35 A - 480 A		35 A - 560 A	
DUTY CYCLE	35%	300 A (10%)	400 A (10%)	480 A (10%)	560 A (10%)			
	60%	210 A	280 A	300 A	420 A			
	100%	150 A	200 A	210 A	320 A			
ADJUSTEMENT RANGE	11 Steps	7 Steps	20 Steps	14 Steps	20 Steps	14 Steps	30 Steps	21 Steps
ROLLS	4		4		4		4	
WIRE SPEED	2 ±20 m/min		2 ±22 m/min		2 ±22 m/min		2 ±22 m/min	
DINSE	25 mm ²		50 mm ²		70 mm ²		70 mm ²	
WEIGHT (KG)	67		125		138		148	
DIMENSION (MM) (WxLxH)	330X900X820		520X1070X1400		520X1070X1400		520X1070X1400	
ELECTRODES DIAM. (MM)	0.6-1.2		0.6-1.6		0.8-2.0		0.8-2.0	
AVAILABLE								
H ₂ O VERSION	•		•		•		•	
DUAL VOLTAGE	•		•		•		•	



WM601W
6W4.601.152

WM601W^{DV} (230-400V)
6W4.601.162

Heavy Duty product. This machine is designed and manufactured for highly professional uses such as: heavy carpentry, constructions, shipbuilding, railway industry, heavy maintenance and general constructions.

The possibility to work with the highest duty cycles makes this machine a perfect equipment for the most intensive welding processes.

The machine can be equipped with a water cooling unit while the extension lead cable can be provided with lengths ranging from 1,5 to 50 mt.

The **30-position power adjustment** guarantees the most accurate regulation and hence adaptability to every kind process and employments. Digital display allows an accurate control of welding values and parameters.



APPLICATIONS

- Heavy Carpentry
- Building Sites
- Constructions
- Blacksmiths
- Agriculture
- Industry

MATERIALS

- Unalloyed Steel
- Low-Alloy Steel
- Alloy Steel
- Stainless Steel
- Copper Alloys
- Aluminium Alloys



DISPLAY WIRE FEEDER



WATER COOLING UNIT



ACCESSORIES WM MACHINES

Basic Accessories recommended



WM195

ACCESSORY	
049.600.060	Cable with earth clamp 16 mm ² - dinse 25 mm ² - 3 m
043.600.140	Torch F 15 - 3 m
280.500.002	Gas regulator 2 manometers micro CO ₂ /Argon
ROLLS	
422.500.505	Roll 0,6-0,8 D.25 - V groove (steel, stainless steel)



WM301 - WM301^{DV}

ACCESSORY	
049.600.056	Cable with earth clamp 35 mm ² - dinse 50 mm ² - 3 m
280.500.004	Gas regulator 2 manometers macro CO ₂ /Argon
KIT AIR	
043.600.142	Torch F 25 - 4 m - 200A @ 60%
KIT H ₂ O	
580.523.053	Water cooler unit
043.600.145	Torch F 51 H ₂ O - 4 m - 450A @ 100%
ROLLS	
422.520.002	Roll 0,8-1,0 D.37 - V groove (steel, stainless steel)



WM351W - WM351W^{DV}

ACCESSORY	
049.600.056	Cable with earth clamp 35 mm ² - dinse 50 mm ² - 3 m
280.500.004	Gas regulator 2 manometers macro CO ₂ /Argon
KIT AIR	
043.600.142	Torch F 25 - 4 m - 200A @ 60%
422.990.031	Extension lead cable 1,5 m D.50 mm Air
422.990.032	Extension lead cable 5,0 m D.50 mm Air
KIT H ₂ O	
580.523.053	Water cooling unit
043.600.145	Torch F 51 H ₂ O - 4 m - 450A @ 100%
422.990.131	Extension lead cable 1,5 m D.50 mm H ₂ O
422.990.142	Extension lead cable 5,0 m D.70 mm H ₂ O
ROLLS	
422.520.002	Roll 0,8-1,0 D.37 - V groove (steel, stainless steel)



WM400 - WM400^{DV}

ACCESSORY	
049.600.056	Cable with earth clamp 35 mm ² - dinse 50 mm ² - 3 m
280.500.004	Gas regulator 2 manometers macro CO ₂ /Argon
KIT AIR	
043.600.143	Torch F 36 - 4 m - 320A @ 60%
KIT H ₂ O	
580.523.053	Water cooling unit
580.524.053	Kit H ₂ O Mig Std
043.600.145	Torch F 51 H ₂ O - 4 m - 450A @ 100%
ROLLS	
422.520.002	Roll 0,8-1,0 D.37 - V groove (steel, stainless steel)



WM421W - WM421W^{DV}

ACCESSORY	
049.600.056	Cable with earth clamp 35 mm ² - dinse 50 mm ² - 3 m
280.500.004	Gas regulator 2 manometers macro CO ₂ /Argon
KIT AIR	
043.600.143	Torch F 36 - 4 m - 320A @ 60%
422.990.031	Extension lead cable 1,5 m D.50 mm Air
422.990.032	Extension lead cable 5 m D.50 mm Air
KIT H ₂ O	
580.523.053	Water cooling unit
043.600.145	Torch F 51 H ₂ O - 4 m
422.990.131	Extension lead cable 1,5 m D.50 mm H ₂ O
422.990.142	Extension lead cable 5,0 m D.70 mm H ₂ O
ROLLS	
422.520.002	Roll 0,8-1,0 D.37 - V groove (steel, stainless steel)



WM501W - WM501W^{DV}

ACCESSORY	
049.600.056	Cable with earth clamp 35 mm ² - dinse 50 mm ² - 3 m
280.500.004	Gas regulator 2 manometers macro CO ₂ /Argon
KIT AIR	
043.600.143	Torch F 36 - 4 m - 320A @ 60%
422.990.031	Extension lead cable 1,5 m D.50 mm Air
422.990.032	Extension lead cable 5 m D.50 mm Air
KIT H ₂ O	
580.523.053	Water cooling unit
043.600.145	Torch F 51 H ₂ O - 4 m - 450A @ 100%
422.990.131	Extension lead cable 1,5 m D.50 mm H ₂ O
422.990.142	Extension lead cable 5,0 m D.70 mm H ₂ O
ROLLS	
422.520.002	Roll 0,8-1,0 D.37 - V groove (steel, stainless steel)



WM601W - WM601W^{DV}

ACCESSORY	
049.600.056	Cable with earth clamp 35 mm ² - dinse 50 mm ² - 3 m
280.500.004	Gas regulator 2 manometers macro CO ₂ /Argon
KIT AIR	
043.600.143	Torch F 36 - 4 m - 320A @ 60%
422.990.031	Extension lead cable 1,5 m D.50 mm Air
422.990.032	Extension lead cable 5 m D.50 mm Air
KIT H ₂ O	
580.523.053	Water cooling unit
043.600.145	Torch F 51 H ₂ O - 4 m - 450A @ 100%
422.990.131	Extension lead cable 1,5 m D.50 mm H ₂ O
422.990.142	Extension lead cable 5,0 m D.70 mm H ₂ O
ROLLS	
422.520.002	Roll 0,8-1,0 D.37 - V groove (steel, stainless steel)

* Other possible configurations and accessories (torches, rolls, extension lead cables, etc.) available.
Please contact our sales office for any further information.



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