



MAXI i

THE BEST SOLUTION FOR THE MOST COMMON WELDING CHALLENGES



MAXI i inverters represent the evolution of the conventional step adjustment MIG equipment, with a modern inverter integrated into a sturdy metallic structure and a simple control, which always grants good welding performances.

MAXI i keep exactly the adjustment simplicity of the conventional MIG equipment, with two single knobs to set Voltage and Wire speed offering the pleasure to set welding parameters as wished.

MAXI i represent an optimal choice for industrial applications, medium and large fabrication work where a simple, strong and easy-to-use equipment is needed for replacement of the old step adjustment MIG equipment with a much higher energy efficiency.

NEW



- Simple, strong, and reliable
- Good welding performance
- Higher energy efficiency



MAXI i FEATURES

- Very good arc characteristics, optimized for most common materials.
- Great robustness due to solid metallic main structure
- "Energy saving" function to operate the power source cooling fan and torch water cooling only when necessary
- Excellent arc striking always precise and efficient
- Reduced energy consumption
- Digital ammeter/voltmeter with hold function of the last welding parameters
- MAXI i W's are fitted with an integrated water cooling unit for the torch
- Long interconnecting cable are available for MAXIi equipment in the air cooled version over 50 m



WIRE FEEDER WF 6 / WF 7

- **PROFESSIONAL WIRE FEEDING** mechanism for a precise and constant wire driving
- **DOUBLE GROOVE ROLLS** of large diameter replaceable without any tool
- **WIRE SPOOLS** up to Ø 300 mm
- **INSPECTION WINDOW** in the spool cover
- **HK2** Hanging Kit
- **2/4 STROKE** selector switch
- **BURN-BACK** and **MOTOR RAMP** adjustments for a precise arc striking



WF 7 FEATURES

- Voltage electronic adjustment



SWF STRONG FEEDER

SWF feeders, with robust suitcase, ideal for site jobs and harshest environments. They can be used for wires spools up to Ø 300 mm.

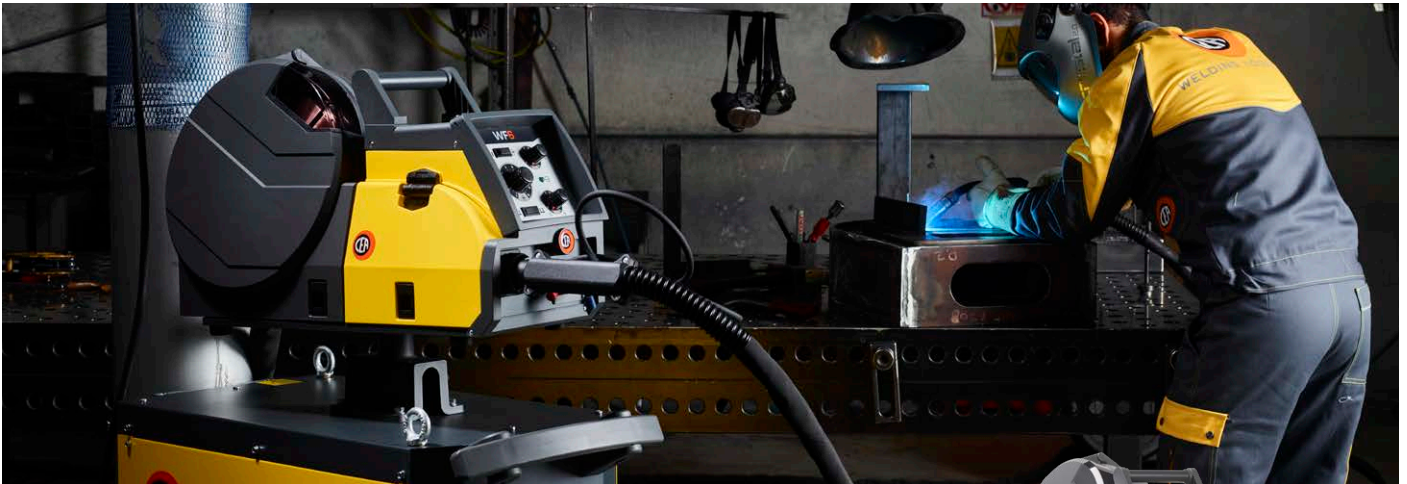


FSC - Fast Start Control

It is the innovative arc striking control that reduces drastically the ignition time. By this new technology it is possible to have a quick and perfect ignition at every start. This is ideal for spot-welding and pre-assembly of components.

INTERCHANGEABLE WITH OLD FEEDER

Maxi i's power sources are interchangeable with MAXI's step adjustment. This means that they can work with the same interconnecting cable of CEA step adjustment MAXI equipment and their wire feeders.



TWO VERSION

To adapt MAXI i for any possible application, CEA proposes 2 version of the generator: MAXI i air cooled and MAXI i W water cooled. The same feeder can work in water cooled mode just by adding the MXi accessory kit.

MAXI i air cooled

MAXI i W water cooled



TECHNICAL DATA		MAXI i			
		406	406 W	506	506 W
Three phase input 50/60 Hz	V +/- 20%	400	400	400	400
Input Power @ I ₂ Max	kVA	17	17,5	23,5	24
Delayed Fuse (I eff)	A	16	16	20	20
Power Factor / cos φ		0,92 / 0,99	0,92 / 0,99	0,94 / 0,99	0,94 / 0,99
Efficiency Degree		0,87	0,87	0,87	0,87
Open circuit voltage	V	50	50	56	56
Current range	A	20 - 400	20 - 400	20 - 500	20 - 500
	A 100 %	230	230	330	330
	A 60 %	320	320	400	400
Duty cycle at (40°C)	A 35 %	400	400	500	500
	Wire	∅ mm	0,6 - 1,6	0,6 - 1,6	0,6 - 1,6
Standards		EN 60974-1 - EN 60974-5 - EN 60974-10- [S]			
Protection Class	IP	23 S	23 S	23 S	23 S
Dimensions (L x W x H)	mm	1000 x 500 x 710	1000 x 500 x 930	1000 x 500 x 710	1000 x 500 x 930
Weight	Kg	56	70	58	72

ORDER INFORMATION

CODE	DESCRIPTION	MAXI i 406 AIR	MAXI i 406 W WATER	MAXI i 506 AIR	MAXI i 506 W WATER
POWER SOURCES					
006170	Power source MAXI 406 i 400 V 3 phase	●			
006175	Power source MAXI 406 i W 400 V 3 phase		≈		
006180	Power source MAXI 506 i 400 V 3 phase			●	
006185	Power source MAXI 506 i W 400 V 3 phase				≈
INTERCONNECTING CABLES FOR WF 6					
010930	1,2 m Air cooled Interconnecting cable Power source-Wire feeder	●		●	
010935	5 m Air cooled Interconnecting cable Power source-Wire feeder				
010940	10 m Air cooled Interconnecting cable Power source-Wire feeder				
010945	1,2 m Water cooled Interconnecting cable Power source-Wire feeder		≈		≈
010950	5 m Water cooled Interconnecting cable Power source-Wire feeder				
010955	10 m Water cooled Interconnecting cable Power source-Wire feeder				
INTERCONNECTING CABLES FOR WF 7					
010960	1,2 m Air cooled Interconnecting cable Power source-Wire feeder				
010965	5 m Air cooled Interconnecting cable Power source-Wire feeder				
010970	10 m Air cooled Interconnecting cable Power source-Wire feeder				
010975	1,2 m Water cooled Interconnecting cable Power source-Wire feeder				
010980	5 m Water cooled Interconnecting cable Power source-Wire feeder				
010985	10 m Water cooled Interconnecting cable Power source-Wire feeder				
WIRE FEEDERS					
030636	Closed Wire Feeder WF 6 4 rolls (Ø: 1,0 / 1,2)	●	≈	●	≈
030637	Closed Wire Feeder WF 7 4 rolls (Ø: 1,0 / 1,2) with digital V/A meter				
030635	Closed Wire Feeder WF 5 4 rolls (Ø: 1,0 / 1,2)				
031009	Accessories type: "MXI" to connect water cooled interconnecting cable to the wire feeder		≈		≈
031122	HK 2 Hanging Kit				
031116	WK 4 standard wheels kit for MF 4, MF4 yard and QF 7 W PRO DRIVE feeder				
031007	WK 2 extra-large wheel kit				
030927	Wheels Kit for WF 5 with additional fastening plate (code 030887) to fix interconnecting cable				
030887	Fastening plate to fix interconnecting cable to DF 5 (already included into 030924, 030927 wheels kit)				
030755	Closed Wire Feeder SWF STRONG FEEDER with Euro Connect. 4 rolls (Ø: 1,0 / 1,2)				
ALUMINIUM KIT					
030895	Aluminium Kit of double grooved TWIN rolls (Ø: 0,8 / 1,0) and gears kit for Al wires				
030897	Aluminium Kit of double grooved TWIN rolls (Ø: 1,0 / 1,2) and gears kit for Al wires				
030899	Aluminium Kit of double grooved TWIN rolls (Ø: 1,2 / 1,6) and gears kit for Al wires				
MIG MAG WELDING TORCHES					
020466	CEA Torch CX 353/4 4m - wire: Ø 0,8÷1,2 CO2 340A @60% / Mix 290A @60%	●		●	
020471	CEA Torch CX 451/4 4m - wire: Ø 0,8÷1,6 CO2 400A @60% / Mix 300A @60%				
020472	CEA Torch CXH 302/4 4m - wire: Ø 0,8÷1,2 water cooled - CO2 300A @100% / Mix 250A @100%				
020479	CEA Torch CXH 402/4 4m - wire: Ø 0,8÷1,6 water cooled - CO2 500A @100% / Mix 450A @100%		≈		≈
<i>For other torches see mig/mag accessories</i>					
GROUND CABLES					
239603	50 mm ² / 4 m Ground cable with clamp	●	≈	●	≈
GAS REDUCERS					
020916	Reducer with flowmeter and 1 manometer	●	≈	●	≈
OTHER OPTION[S]					
402275A	Cea CL-1100 cooling liquid - 5 l Tank		≈		≈
236590	Metallic spool adaptor				
	MAXI i 406 i Suggested air cooled version with torch	●			
	MAXI i 406 i W Suggested water cooled version with torch		≈		
	MAXI i 506 i Suggested air cooled version with torch			●	
	MAXI i 506 i W Suggested water cooled version with torch				≈