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**CEA**

**MIG/MAG**

made in italy  
SINCE 1950





## MAXI I

### THE BEST SOLUTION FOR THE MOST COMMON WELDING CHALLENGES

#### MIG-MAG INVERTER EQUIPMENT WITH SEPARATE WIRE FEEDER

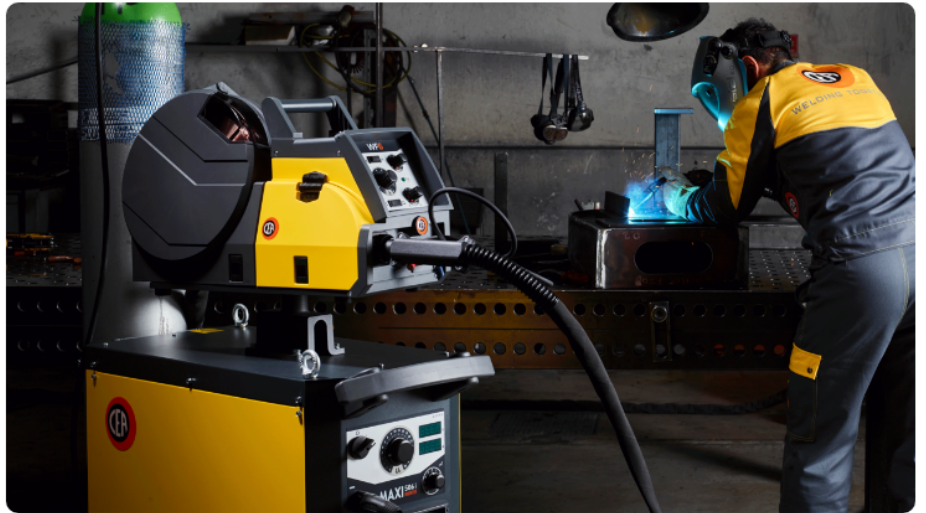
MAXI i inverters represent the evolution of the conventional step adjustment MIG equipment, with a modern inverter integrated into a sturdy metallic structure and a simple control, which always grants good welding performances.

#### MAXI I



## Good welding performance

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.



## Simple, strong and reliable

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.

## Other characteristics:

- Very good arc characteristics, optimized for most common materials.
- Great robustness due to solid metallic main structure
- "Energy saving" 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





## TECHNICAL FEATURES



### WIRE FEEDER WF 6

- 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
- 2/4 STROKE selector switch
- BURN-BACK and MOTOR RAMP adjustments for a precise arc striking

### WIRE FEEDER WF 7

- Voltage electronic adjustment
- 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
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- BURN-BACK and MOTOR RAMP adjustments for a precise arc striking



### MAXII: TWO VERSION AVAILABLE

To adapt MAXII for any possible application, CEA proposes 2 version of the generator: MAXII air cooled and MAXII W water cooled.

The same feeder can work in water cooled mode just by adding the MXi accessory kit.



### INTERCHANGEABLE WITH OLD FEEDER

Maxi i's power sources are interchangeable with MAXI step adjustment and ECHO.

This means that they can work with the same interconnecting cable of CEA step adjustment MAXI and ECHO equipment and their wire feeders.





### **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.



Available accessories

## DISCOVER ALL AVAILABLE ACCESSORIES



**CLOSED WIRE FEEDER WF  
6**  
030636



**CLOSED WIRE FEEDER WF  
7**  
030637



**CLOSED WIRE FEEDER WF  
5**  
030635



**MXI**  
031009



**WK 4 STANDARD WHEELS  
KIT**  
031116



**WK 2 EXTRA-LARGE  
WHEEL KIT**  
031007



**HK 2 HANGING KIT**  
031122



**WHEELS KIT FOR WF 5**  
030927



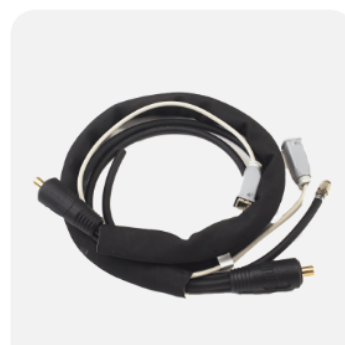
**FASTENING PLATE FOR  
WF 5**  
030887



**CLOSED WIRE FEEDER  
SWF**  
030755



**INTERCONNECTING  
CABLE 1,2 M AIR-  
WF5/WF6**  
010930



**INTERCONNECTING  
CABLE 5 M AIR-WF5/WF6**  
010935



**INTERCONNECTING  
CABLE 10 M AIR-  
WF5/WF6**

010940



**INTERCONNECTING  
CABLE 1,2 M WATER-  
WF5/WF6**

010945



**INTERCONNECTING  
CABLE 5 M WATER-  
WF5/WF6**

010950



**INTERCONNECTING  
CABLE 10 M WATER-  
WF5/WF6**

010955



**INTERCONNECTING  
CABLE 1,2 M AIR-WF7**

010960



**INTERCONNECTING  
CABLE 5 M AIR-WF7**

010965



**INTERCONNECTING  
CABLE 10 M AIR-WF7**

010970



**INTERCONNECTING  
CABLE 20 M AIR-WF7**

010971



**INTERCONNECTING  
CABLE 30 M AIR-WF7**

010972



**INTERCONNECTING  
CABLE 1,2 M WATER-WF7**

010975



**INTERCONNECTING  
CABLE 5 M WATER-WF7**

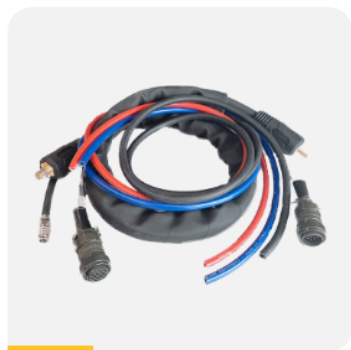
010980



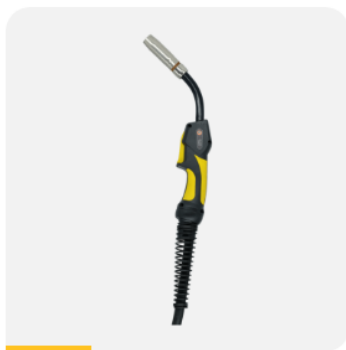
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010985

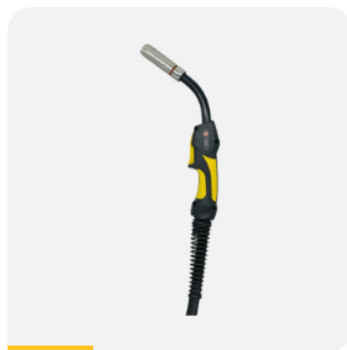




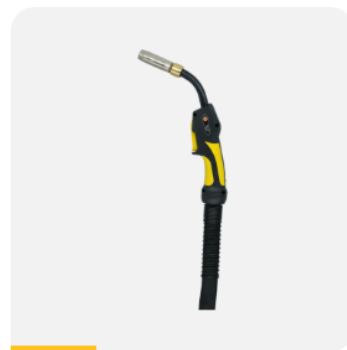
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CABLE 20 M WATER-WF7**  
010990



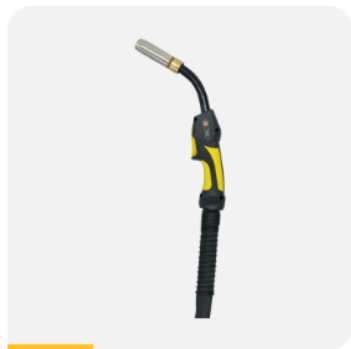
**CEA TORCH CX 353/4**  
020466



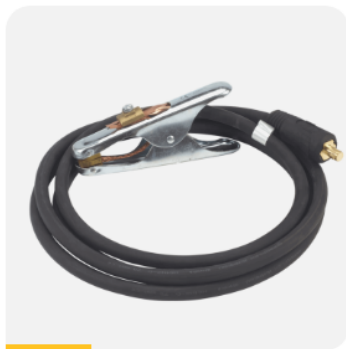
**CEA TORCH CX 451/4**  
020471



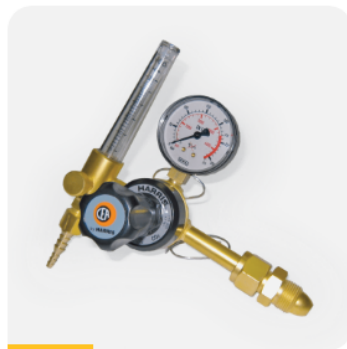
**CEA TORCH CXH 302/4**  
020472



**CEA TORCH CXH 402/4**  
020479



**50 MM² / 4 M GROUND  
CABLE WITH CLAMP**  
239603



**REDUCER WITH  
FLOWMETER AND 1  
MANOMETER**  
020916



**CEA CL-1100**  
402275A



Datasheet

## MAXI I: TECHNICAL FEATURES

TECHNICAL DATA			MAXI i			
			406	406 w	506	506 w
Three phase input 50/60 Hz	V	+20% -20%	400	400	400	400
Input Power @ I <sub>2</sub> 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
Duty cycle at (40°C)	A 100%		280	280	330	330
	A 60%		320	320	400	400
	A 35%		400	400	500	500
Wires	Ø mm		0,6 – 1,6	0,6 – 1,6	0,6 – 1,6	0,6 – 1,6
Standards			EN 60974-1 • EN 60974-5 • EN 60974-10			
			<b>S</b>			
Protection Class	IP		23S	23S	23S	23S
Dimensions (LxWxH)	mm		1000 x 500 x 710	1000 x 500 x 930	1000 x 500 x 710	1000 x 500 x 930
Weight	kg		48	61	52	65



WELDING TOGETHER

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