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CEA

MIG/MAG

made in italy
SINCE 1950





Q-YARD

THE MULTIPROCESS YARD MASTER

HYBRID SYNERGIC^R MIG-MAG INVERTER EQUIPMENT WITH SEPARATE WIRE FEEDER

Q-YARD represents the ideal welding equipment for the needs of yard industry. This power source has been developed and produced with the highest quality and reliability criteria to allow the best welding performances in yard application.

Q-YARD



Dedicated yard feeder

The new wire feeders MF4 YARD and MINI MF4 YARD allow to keep the adjustment simplicity of the conventional MIG equipment with two knobs to set Voltage and Wire Speed.



Multi-process, for yard welding application

Q-YARD can work with air-cooling interconnecting cable up to 80m and up to 40m with water-cooled ones. Q-YARD allows to weld with the HYBRID SYNERGIC^R mode granting the same welding performances as the most modern equipment also in manual MIG mode.

Other characteristics

- MIG, MMA, TIG Lift
- Special design optimized for yard industry: easy to stack on top of each other
- MIG/MAG : MANUAL and HYBRID SYNERGIC^R
- Great robustness due to solid metallic main structure
- Excellent arc striking
- "Energy saving" to operate the power source cooling fan and torch water cooling only when necessary
- Final crater control
- Burn-Back control





VISION.ARC

Thanks to vision.ARC, the electric arc is monitored continuously by the microprocessor which manages the welding process in real time: all the parameters are processed and modified by the control that digitally manages the short circuits of MIG-MAG, keeping the arc stable and precise despite any change of the external conditions. The welding process is always under control from arc striking, by Wire Start Control (WSC), to when the arc is interrupted by Burn-Back Control.



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.

HYBRID SYNERGIC R

This control represents something absolutely innovative in the welding world. While keeping the welding equipment in manual adjustment, the HYBRID SYNERGIC^R – depending on the material and the diameter of the wire used – defines the best response in terms of starting and depositing of the wire throughout the welding cycle.

SMART LED ASSISTANT

In addition, a "smart LED" signal helps less skilled operators to set the most appropriate welding parameters.



WIRE FEEDER MF4 YARD / MINI MF4 YARD

- DIGITAL CONTROL of all parameters is located directly on the MF4 YARD (air cooled) and MF4W YARD/MINI MF4W YARD (water cooled).
- GAS FLOWMETER standard equipped
- PROFESSIONAL WIRE FEEDING mechanism with 4 rolls of large diameter
- DOUBLE GROOVE rolls replaceable without any tool
- WIRE SPOOLS up to Ø 300 mm (MF4 YARD) or Ø 200 mm (MINI MF4 YARD)
- INSPECTION WINDOW in the spool cover (MF4)
- HK1 Hanging Kit (MF4 optional)
- MMA ADAPTOR socket for welding MMA directly from the feeder (optional)



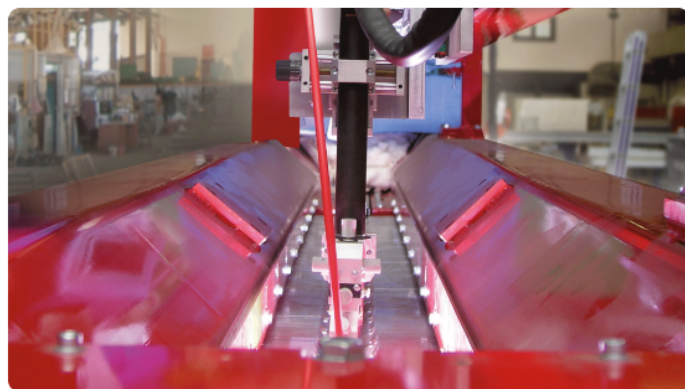


SPECIAL 4 STROKE

It is the special time-saving feature in any welding. Each welder welding in 4 strokes can quickly prepare the workpiece by operating in a perfect place without changing any assembly in the interface. Simply pressing the trigger of the torch for less than a second, you can locate 2 times, even if the soldering iron is set to 4 strokes. Keeping the same settings, it is enough to press the trigger for more than a second and the welding machine works automatically in 4 strokes.

SIMPLE AUTOMATION

CEA power sources are standard equipped with analogic-digital I/O. This allows to integrate very easily the power source into an automated welding equipment without any expensive and sophisticated external interfaces, usually necessarily supplied for robotics.



Available accessories

DISCOVER ALL AVAILABLE ACCESSORIES



WIRE FEEDER MF 4 YARD
030731



WIRE FEEDER MF 4 W YARD
030736



ADAPTOR SOCKET FOR MMA
400034



WK 4 STANDARD WHEELS KIT
031116



WK 2 EXTRA-LARGE WHEEL KIT
031007



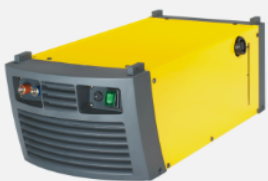
HK 1 HANGING KIT
031117



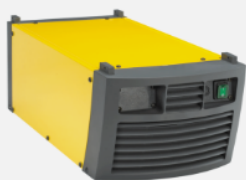
WIRE FEEDER MINI MF 4 YARD
030727



WIRE FEEDER MINI MF 4 W YARD
030728



HR 32
032098



HR 42-LC
032107



PLATE FOR Q-YARD WITH WATER COOLERS
031172



CEA CL-1100
402275A



**WK 3 EXTRA-LARGE
WHEELS KIT FOR Q-YARD**
031008



TROLLEY CT 70
234914



TROLLEY CT 75
234928



**INTERCONNECTING
CABLE 1,2 M AIR**
010866



**INTERCONNECTING
CABLE 5 M AIR**
010867



**INTERCONNECTING
CABLE 10 M AIR**
010868



**INTERCONNECTING
CABLE 20 M AIR**
010871



**INTERCONNECTING
CABLE 30 M AIR**
010869



**INTERCONNECTING
CABLE 40 M AIR**
010872



**INTERCONNECTING
CABLE 1,2 M WATER**
010839



**INTERCONNECTING
CABLE 5 M WATER**
010842



**INTERCONNECTING
CABLE 10 M WATER**
010846



**INTERCONNECTING
CABLE 20 M WATER**
010854



**INTERCONNECTING
CABLE 30 M WATER**
010876



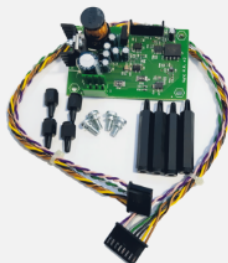
CEA TORCH CX 451/4
020471



CEA TORCH CXH 402/4
020479



**PUSH PULL TORCH PP
401 D 8 M 24 V WATER
COOLED**
020488



**PUSH PULL
SYNCHRONIZER 24/42V**
031113



CEA TORCH RTX 26.4
020568



**70 MM² / 4 M GROUND
CABLE WITH CLAMP**
239607




**REDUCER WITH
FLOWMETER AND 1
MANOMETER**
020916



RC 178
236234

Datasheet

Q-YARD: TECHNICAL FEATURES

TECHNICAL DATA			QYARD
			450
Three phase input 50/60 Hz	V	+20% -20%	400
Input Power @ I ₂ Max	kVA		22
Delayed Fuse (I eff)	A		32
Power Factor / cos φ			0,84/0,99
Efficiency Degree			0,86
Open circuit voltage	V		62
Current range	A		10-450
Duty cycle at (40°C)	A 100%		390
	A 50%		450
Wires	Ø mm		0,6-1,6
Standards			EN 60974-1 • EN 60974-5 • EN 60974-10
			
Protection Class	IP		23S
Dimensions (LxWxH)	mm		631 (782 with handle) x 273 x 512 (543 with eyebolts)
Weight	kg		56



WELDING TOGETHER

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