



Q-YARD

WELDING TOGETHER



WARRANTY
UP TO
5
YEARS

SINCE 1950

MADE IN ITALY



Q-YARD THE YARD MASTER



READY FOR YARD INDUSTRY

HYBRID SYNERGIC™ CONTROL

GREAT WELDING PERFORMANCE

MULTIPROCESS INVERTER EQUIPMENT WITH SEPARATE WIRE FEEDER

Q-YARD represents the new perfect application of the last CEA welding technologies to the yard industry. This power source is developed and produced with the highest quality and reliability criteria for allowing to every user the best welding performances in every condition.

Q-YARD can easy work at more than 80m with air-cooling system and 40m with water-cooling system thanks to the reliable and simple to use new wire feeder MF4 YARD and MINI MF4 YARD. Those keep 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; this without that any pre-selected synergic programs chose the parameters on your behalf.

Q-YARD also allow to weld with the HYBRID SYNERGIC™ mode which always detect the best feedback during the whole welding process, thus granting the same welding performances as the most modern equipment also in manual MIG mode.

These power sources represent the best choice in all yard industrial fields for all qualified applications.



CEA GOES GREEN

HYBRID SYNERGIC™

This control represents something absolutely innovative in the welding world.

While keeping the welding equipment in manual adjustment, the HYBRID SYNERGIC™ - 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.



FEATURES

- Process: MIG, MMA, TIG LIFT
- Special design optimized for yard industry: EASY STACK SYSTEM
- Two MIG/MAG welding modes : MANUAL and HYBRID SYNERGIC™
- All Parameters digitally controlled directly from the wire feeder
- “Hybrid Synergic™ PRE SET” key for the best welding characteristic according to used type of material and wire
- 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
- Final crater control
- Burn-Back control
- Reduced energy consumption
- Trouble shooting auto-diagnosis feature
- Water cooling HR32 with standard pump for water interconnecting cable length up to 20mt (optional)
- Water cooling HR42-LC with reinforced pump for water interconnecting cable length up to 40mt (optional)

MF4 YARD AND MINI MF4 YARD WIRE FEEDER

Digital control of all parameters located directly on the MF4/MINI MF4 YARD (air cooled) and MF4W YARD/MINI MF4W YARD (water cooled).

- A/V and flowmeter
- 4 rolls of large diameter
- Double groove rolls replaceable without any tool
- Wire spools up to 300 mm diameter (MF4 YARD) or 200 mm diameter (MINI MF4 YARD)
- Inspection window in the spool cover (MF4 YARD/MF4W YARD)
- Sliding Sleds kit (optional)
- Hanging Kit (optional)
- Adaptor Socket for welding MMA directly from the feeder (optional)



MINI MF4 YARD
with FLOWMETER



MF4 YARD
with FLOWMETER



SPECIAL YARD FEATURE

Q-YARD's are standard equipped with all the key points for an easy usage in the yard industry. It's also standard possible to stack the generator on multiple level and connect feeder for 15 kg or 5 kg spoon. In combination with the optional HR 42-LC it's also possible to use interconnecting cable up to 40m, in air cooling setup the maximum interconnecting cable is 80m.

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.

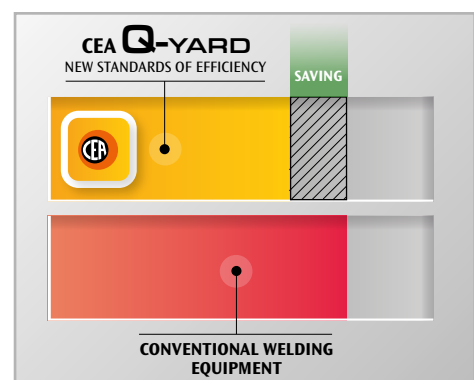


CEA GOES GREEN – PREPARED FOR THE FUTURE

The new European Directive 2009/125/EC, better known as the ECODESIGN Directive, implement new standards of efficiency and eco-compatibility of welding machines.

Q-YARD's meet these requirements thanks to their high efficiency and less than 30W absorption with inactive machine, thus granting significant savings on electricity consumption.

The durability, reparability and recyclability of **Q-YARD**'s reduce their impact on the environment.





CEA TORCHES – CX and CXH

Q-YARD can perfectly work with all the new CEA torches series CX and CXH.

UP/DOWN TORCH

Q-YARD has the possibility of working with up/down torches to easily adjust main welding parameters at the work place.

PUSH PULL TORCH

Thanks to an additional synchronizer PCB kit (optional) it's possible to use push-pull torches up to 12m length, that keep the wire speed control constant and regular during all the weld.



CX - CXH

OTHER ACCESSORIES

- WK4 kit of standard wheels (MF4 YARD)
- WK2 kit of extra-large wheels (MF4 YARD)
- Sliding Sleds Kit (MF4 YARD)
- WK3 kit of extra-large wheels (Q-YARD)
- Trolley CT 70 and CT 75
- HR32 water cooler unit
- HR42-LC water cooler unit
- HK1 wire feeder hanging kit
- Remote control RC 178
- Adaptor socked for MMA



CT 70



CT 75



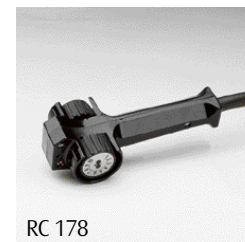
WK2



WK4



HK1



RC 178



Sliding Sleds kit

| TECHNICAL DATA | | Q-YARD |
|----------------------------|---------------------------------------|-------------------------|
| | | 450 |
| Three phase input 50/60 Hz | V +20% -20% | 400 |
| Input Power @ I2 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 | | S |
| Insulation Class | IP | 23 S |
| Dimensions | ↗ mm | 631 (782 with handle) |
| | → mm | 273 |
| | ↑ mm | 512 (543 with eyebolts) |
| Weight | kg | 56 |



QYARD 450 with WK3 kit and HR32 water-cooler unit

Other voltages available on rerequest



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