



# Q-YARD

WELDING TOGETHER



WARRANTY  
UP TO  
**5**  
YEARS

SINCE 1950  
  
MADE IN ITALY



# Q-YARD THE YARD MASTER



READY FOR YARD

HYBRID SYNERGIC™ CONTROL

GREAT WELDING PERFORMANCE

## MULTIPROCESS 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.

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.

**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™ mode granting the **same welding performances** as the most modern equipment also in manual MIG mode.



## HYBRID SYNERGIC™

This control is **absolutely innovative** in the welding world.

When the welding equipment is in **manual** adjustment, the HYBRID SYNERGIC™ defines the best response in terms of starting and depositing of the wire throughout the welding cycle, depending on the material and the diameter of the wire used.

## SMART LED ASSISTANT

A “smart LED” signal helps less skilled operators to set the most appropriate welding parameters.



## FEATURES

- Process: MIG, MMA, TIG LIFT.
- Special design optimised for yard industry: EASY STACK SYSTEM
- Two MIG/MAG welding modes : MANUAL and HYBRID SYNERGICTM
- All parameters are digitally controlled directly from the wire feeder
- “Hybrid SynergicTM PRE SET” key for the best welding characteristic according to used type of material and wire
- Great robustness due to solid metallic main structure
- Excellent arc striking always precise and efficient
- “Energy saving” function to operate the power source cooling fan and torch water cooling only when necessary
- Final crater control
- Burn-Back control
- Reduced energy consumption
- Troubleshooting auto-diagnosis feature
- 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 is located directly on the MF4/MINI MF4 YARD (air cooled) and MF4W YARD/MINI MF4W YARD (water cooled).

- A/V and Gas Flowmeter
- 4 rolls of large diameter
- Double groove rolls replaceable without any tool
- Wire spools up to 300 mm diam. (MF4 YARD) or 200 mm diam. (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)



## SPECIAL YARD FEATURE

**Q-YARD** is equipped with all the key features for an easy usage in the yard industry. It is standard the option to stack the generator on multiple level and connect feeder for 15 kg or 5 kg spools.

In combination with the optional HR 42-LC (water cooling system), it is possible to use interconnecting cable up to 40m. Whilst in air cooling setups the maximum interconnecting cable is 80m.

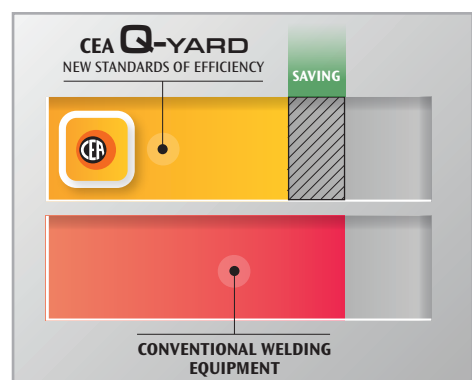
## FSC - FAST START CONTROL

This innovative arc striking control reduces drastically the ignition time, granting 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 ECODESIGN Directive) implements new standards of efficiency and eco-compatibility for welding machines. Q-YARD meets these requirements thanks to its high efficiency and less than 30W absorption with inactive machine, thus allowing **significant savings on electricity consumption**.

Q-YARD’s durability, repairability and recyclability 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 synchroniser PCB kit (optional) it's possible to use push-pull torches up to 12m length, that keep the wire speed control constant during all the process.



CX - CXH

## OTHER ACCESSORIES

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



CT 70



CT 75



WK2



WK4



HK1



RC 178



Sliding Sleds kit

| TECHNICAL DATA               |  | Q-YARD                                |
|------------------------------|--|---------------------------------------|
|                              |  | <b>450</b>                            |
| Three phase input 50/60 Hz   | V $\begin{matrix} +20\% \\ -20\% \end{matrix}$ | 400                                   |
| Input Power @ I2 Max         | kVA  | 22                                    |
| Delayed Fuse (I eff)         | A  | 32                                    |
| Power Factor / cos $\varphi$ |  | 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   | <b>S</b><br>23 S                      |
| Insulation Class             |  | H                                     |
| 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



**CEA Costruzioni Elettromeccaniche Annettoni S.p.A.**  
C.so E. Filiberto, 27 - 23900 LECCO - ITALIA

Tel. +39 0341 22322  
Fax +39 0341 422646

export@ceaweld.com  
www.ceaweld.com