



## MHW manual welding torches Eco/Master/Premium

Robust torches for manual welding

**CLOOS**

Weld your way.

# MHW manual welding torches

## MHW-310/410/510- Eco/Master/Premium manual welding torch: The right torch for every requirement!

The CLOOS welding torches are as versatile as the welding power sources. We have the suitable welding torch for each capacity class and for every requirement of manual welding.

The robust MHW manual welding torches are available in the capacity classes of 400 A, 500 A and 600 A. The generation of the manual welding torches MHW-310/410/510 convinces by an excellent cooling due to the highly efficient water circuit in the torch body. This allows a very long service life of the consumables. All capacity classes have the same ergonomic handle and are slip-proof in the hand of the welder because of silicone inlays.

### Benefit from the CLOOS accessories:

- Excellent quality: Original accessories for faultless functionality
- Long service life: Reliable technology guarantees economic operation
- Highest availability: Quick delivery due to global service network



MHW-410 Premium



MHW-310 Master



MHW-510 Master

Manual welding torches	MHW-310	MHW-410	MHW-510
Type of cooling	Liquid cooled	Liquid cooled	Liquid cooled
Capacity with mixed gas	310 A	410 A	520 A
Capacity with CO <sub>2</sub>	350 A	450 A	570 A
Duty cycle (ED)	100%	100%	100%
Wire thicknesses	0.8-1.6	0.8-1.6	0.8-1.6
Equipped for wire	1.2	1.2	1.2
Bending angle	45°	45°	45°
Length cable assembly	3 m, 4 m, 5 m	3 m, 4 m, 5 m	3 m, 4 m, 5 m
Connection	CLOOS SZ, EURO	CLOOS SZ, EURO	CLOOS SZ, EURO

## MHW-310/410/510-Eco

### Overview of your advantages:

- **Optimum gas coverage at the most compact design:** Good accessibility also in narrow components
- **Ergonomic handle:** Optimum handling and minimised strain on the wrists
- **High cooling capacity due to efficient water flow:** Maximum service life



MHW-310/410/510-Eco

## MHW-310/410/510-Master

### Additional advantages compared to the Eco version:

- **LED lamp:** Optimum illumination of the weld also in a poorly illuminated environment
- **Two-touch torch for up/down function:** Capacity adjustment, fine adjustment or Job switching before and during welding
- **Ergonomic triggers:** Perfectly adjusted pressure point of the triggers for a shake-free setting during welding even when wearing gloves



MHW-310/410/510-Master

## MHW-310/410/510-Premium

### Additional advantages compared to the Eco and Master version:

- **4-touch torch with LED display:** Call and adjustment of all welding-relevant values
- **Individual parameter adaptation:** Adaptation of two parameters during welding and up to 10 freely configured setting parameters
- **Texts and symbols in the display:** Better understandability for the welder
- **Freely configurable trigger combinations:** For a maximum user-friendliness



MHW-310/410/510-Premium

# All over the world



**Carl Cloos Schweistechnik GmbH**

Main office: Carl-Cloos-Strasse 1  
Central warehouse: Carl-Cloos-Strasse 6  
35708 Haiger  
GERMANY

Telephone +49 (0)2773 85-0  
Telefax +49 (0)2773 85-275  
E-mail [info@cloos.de](mailto:info@cloos.de)  
[www.cloos.de](http://www.cloos.de)

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