

# S80



CARPANO  
EQUIPMENT

***Motorized carriage with  
electronic oscillator***



*S80 is a unit with drive oscillator for quality welding in every position: horizontal, vertical, frontal, overhead.*

*The system is easy to install and use for the lightweight and small size*

*Drive motor with tako and oscillator motor with encoder for high precision movements*

*Pc boards with high reliability and shielded from high frequency*



### Functions and data

- 1 - Speed carriage display cm/min
- 2 - Carriage direction switch.
- 3 - Weld START-STOP
- 4 - Speed carriage: from 3 to 130 cm/min
- 5 - Weave START-STOP
- 6 - Left stop: from 0 to 5 seconds
- 7 - Center stop: from 0 to 5 seconds
- 8 - Right stop: from 0 to 5 seconds
- 9 - Power switch
- 10 - Weave width: from 0 to 33 mm
- 11 - Weave speed: from 0 to 3000 mm/min
- 12 - Steering: 25 mm left and right of center

### Description

#### Carriage

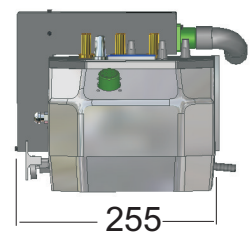
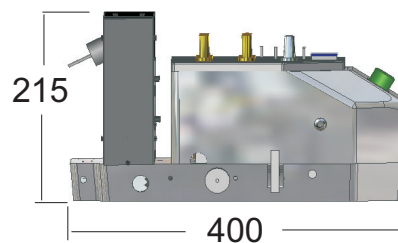
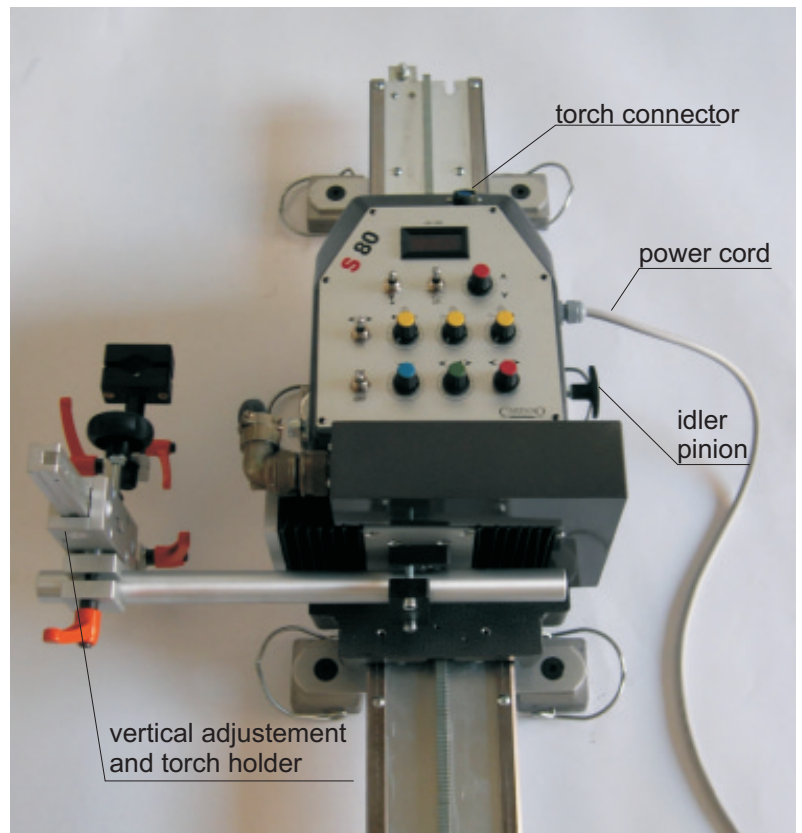
- DC motor with tako
- Gearbox
- Transmission by gears on rack of tracks
- Fast lifting of pinion
- wheels pression on track setting
- Aluminum worked structure

#### Oscillator

- Aluminum worked structure
- DC motor with encoder
- Ball bearing screw with ball bearing guide
- Bellow protection
- Useful stroke 83 mm
- Vertical arm with torch holder

#### General

- Power source: 230 Vac or 48 Vac on demand
- Power: 100 W
- Weight of unit without arm: 14 Kg



### Accessories

