

Tortuga

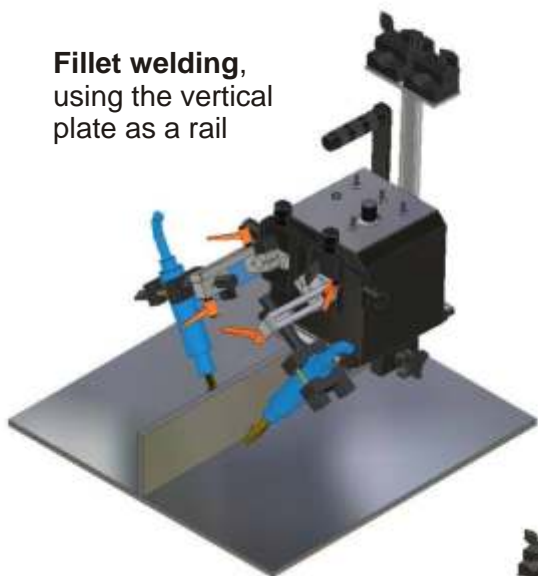
trackless carriage

Tortuga STW1 o 2

Is made for holland profile (stiffeners for shipyard)
both model can have 2 different controls: BASE for continuous welding and PULSE for stitch or continuous welding



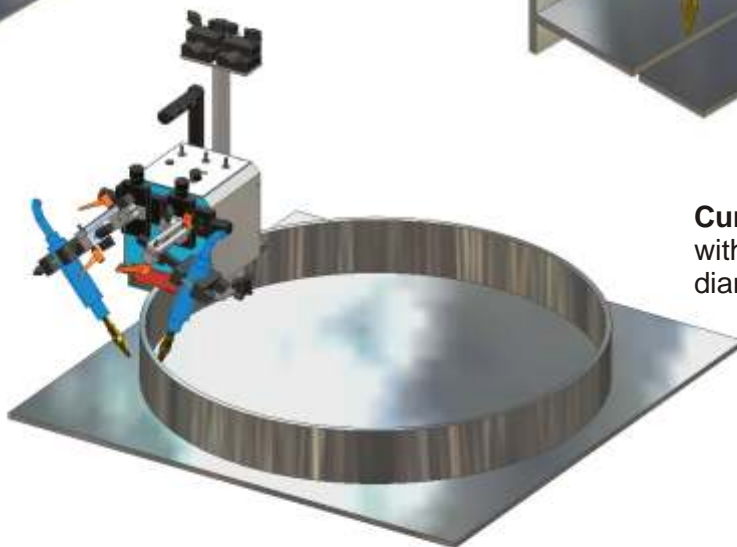
Fillet welding,
using the vertical
plate as a rail



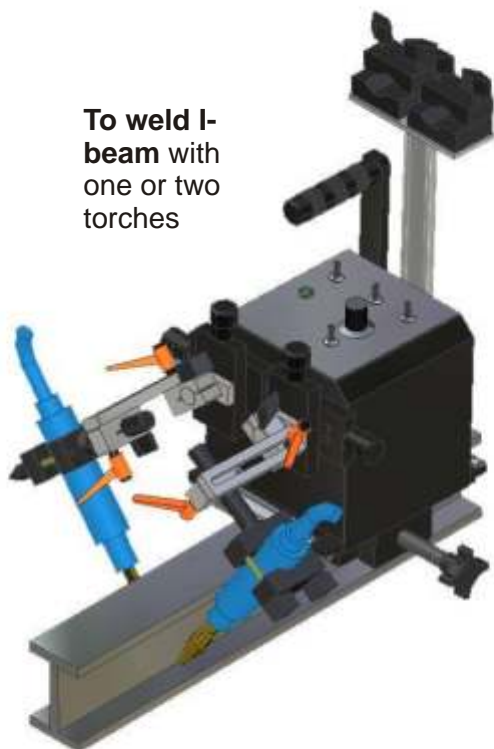
**To cut sheets or
beams with plasma
arc or oxygen
process, the vertical
plate can be
replaced with a
tubular profile as rail**



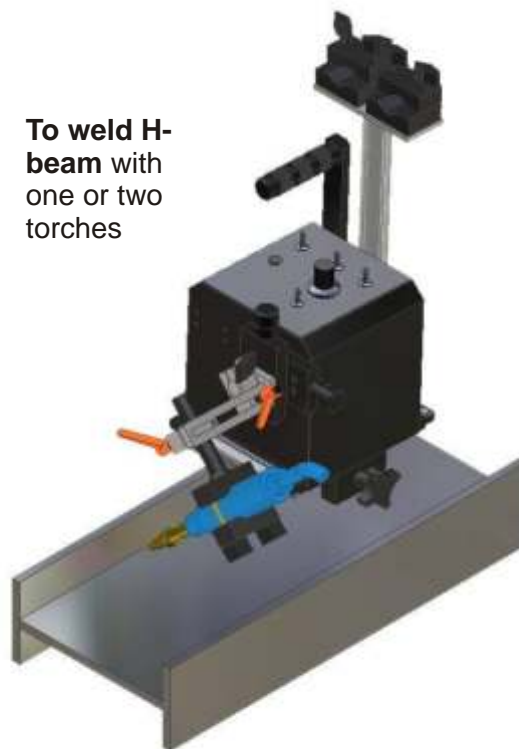
Curved surfaces
with minimum
diameter 800 mm



**To weld I-
beam with
one or two
torches**



**To weld H-
beam with
one or two
torches**





Technical data Tortuga BASE

Dimensions: see at page 4 the drawing
 weight: 9,5 Kg
 Speed: from 200 to 1800 mm/min
 Motor: DC with planetary gear
 Input power: 230 V, single phase
 Power: 70 W

Functions Tortuga BASE:

- 1 - Switch ON-OFF
- 2 - Weld/no weld switch torch 1
- 3 - Weld/no weld switch torch 2
- 4 - 10 turn speed potentiometer
- 5 - Switch run-stop

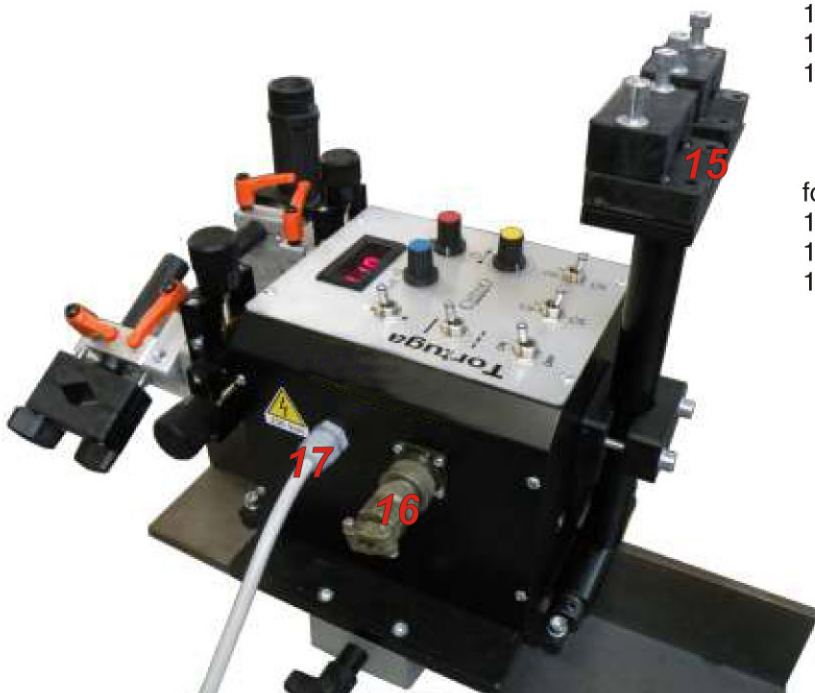


Technical data Tortuga PULSE

Dimensions: see at page 4 the drawing
 weight: 10 Kg
 Speed: from 50 to 1650 mm/min
 Motor: DC with encoder and planetary gear
 Input power: 230 V, single phase
 Power: 70 W

Functions Tortuga PULSE:

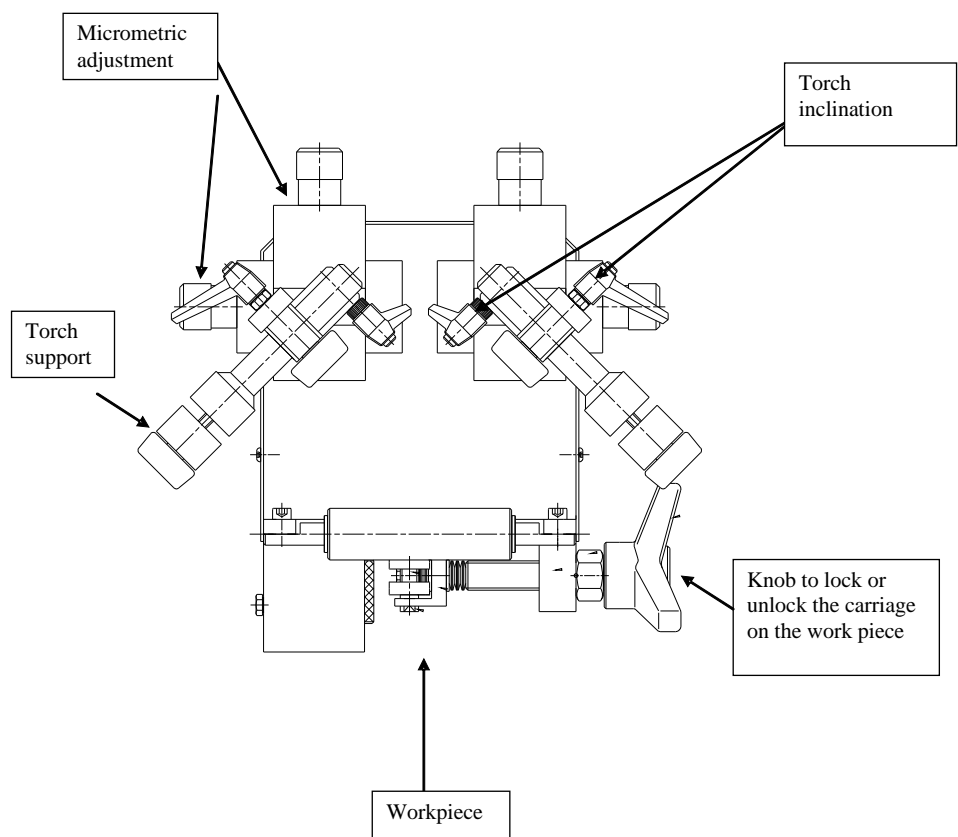
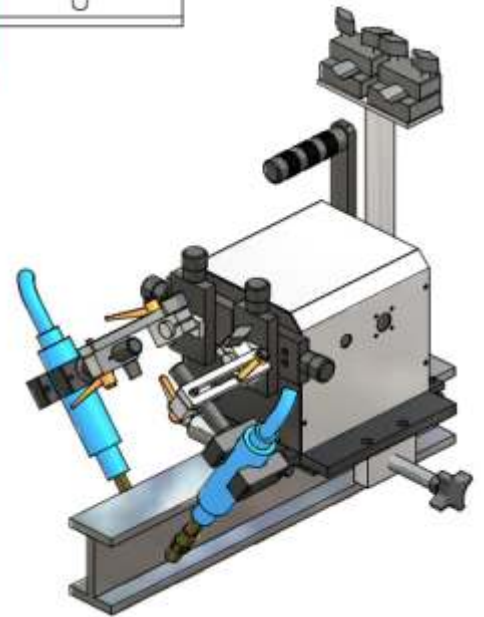
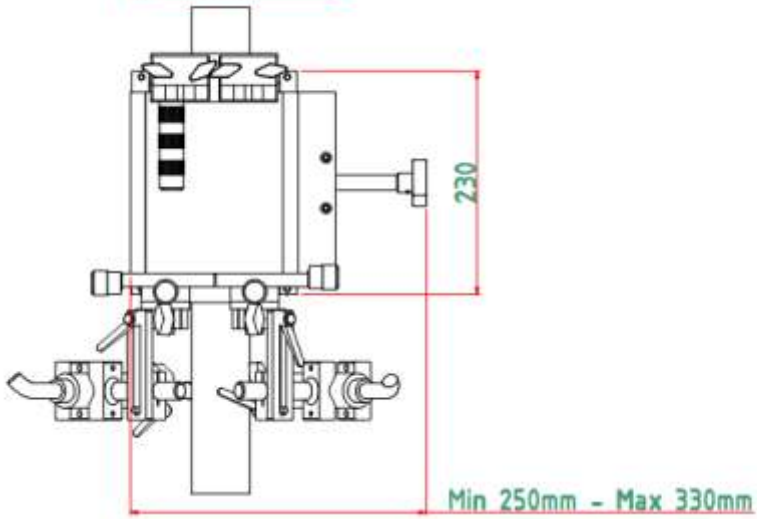
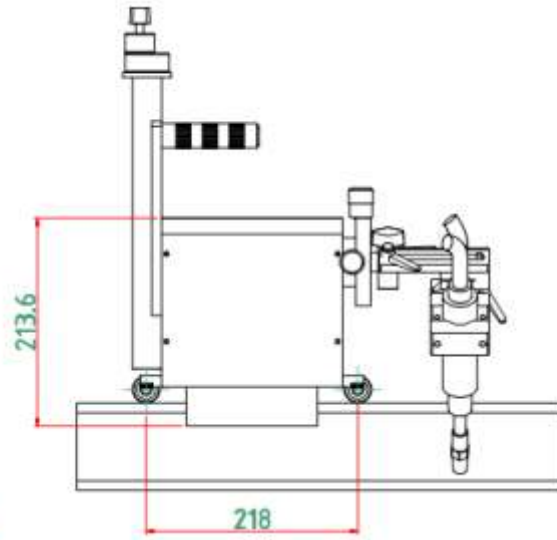
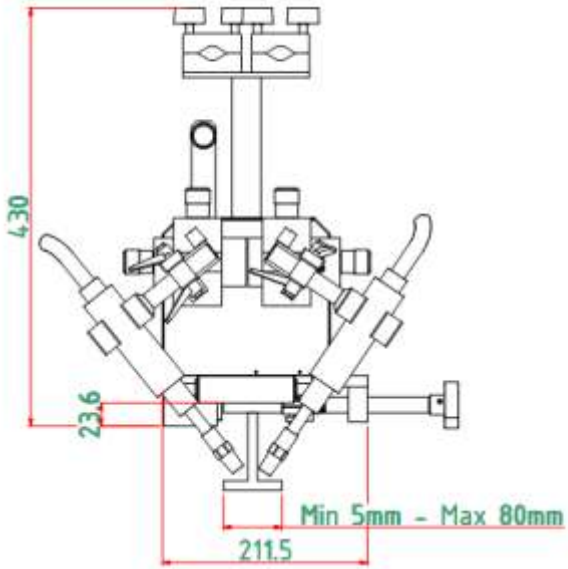
- 6 - Display for this indications:
 speed in cm/min 000 cm/min
 weld length in 00,0 cm
 no weld length in 00,0 cm
- 7 - Setting of: speed, weld length and no weld length
- 8 - Function selection: to select the 3 parameters to set with knob 7
- 9 - RUN-STOP switch
- 10 - Carriage delay after each arc ignition
- 11 - Mode selection: continuous or sticth welding, during the no weld length the carriage will move at max speed
- 12 - Weld/no weld switch torch 1
- 13 - Weld/no weld switch torch 2
- 14 - Switch ON-OFF



for both models:

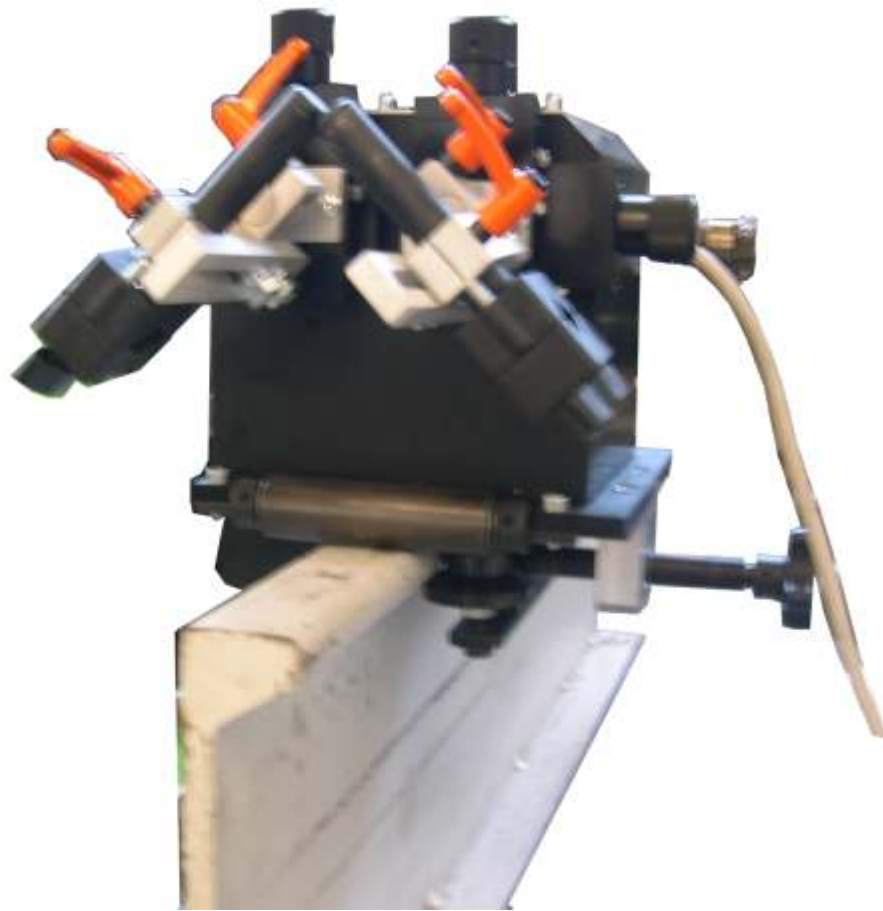
- 15 - torch cables support
- 16 - Torch start connection
- 17 - power cord 2 mt

Tortuga



Tortuga

Tortuga STW 1 o 2



Tortuga STW

This version has 2 special wheels with the same shape of the holland profile (stiffner).
This wheel are adjustable so, this model can run on profile from 80 to 400 mm of height

The Tortuga STW is available for 1 or 2 torches

Power input 42-48 VAC on demand



A sample of application on flat panel:
thickness 20 mm and height 400 mm

