

# SATFX-52 - 76 - 115



## Technical characteristics:

Maximum welding current	150 A
100% duty cycle	100 A

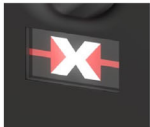
These closed heads are designed for orbital butt TIG welding of tubes, tubes-elbows, tube-ferrules, tubes-T, tubes-fittings and others in a fully inerted closed chamber.

The SATFX heads are driven by the AXXAIR orbital welding power sources of the SAXX range.

**Integral water cooling** of the heads and new treatment of the aluminium parts offering a better electrical and thermal conductivity.

The double cooling of the rotor and the head body is essential to guarantee a **good lifespan of the parts** by minimizing the effects of expansion deformation.

**Illuminated logo** on each side of the head : it allows to visualize if the power source is turned on or off and if the machine is in a welding cycle or not.



When the power source is powered on and the head connected, the light is on steady. When the machine is welding, the indicator light flashes.



**4 stainless steel remote control buttons:** Start/stop, gas purging, rotation of the rotor in one direction and rotation in the other direction. Regardless of the starting position during welding, the rotor automatically returns to the open position of the rotor so that the welded parts can be removed easily.

## Ergonomic design:

Ergonomic handle with soft touch overmolding that brings the hand closer to the center of gravity of the head, providing unparalleled handling comfort.

## Maintenance :

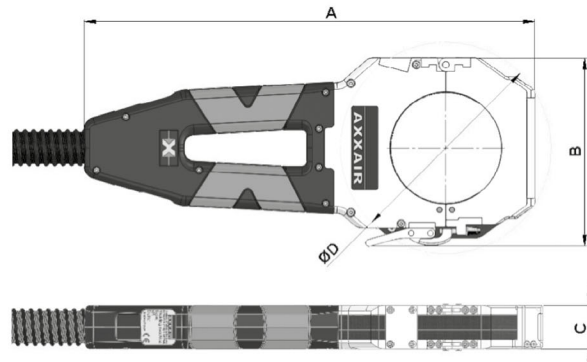
All rotation axes and toggle clamps can easily be changed.



**Cleaning:** A single hexagonal wrench allows the machine to be disassembled in a few minutes to clean the interior, without having to empty the head's coolant circuit.

**Gas diffusion:** more direct gas supply through two sintered bronze semi-circular bunds. This allows a trouble-free distribution and flow, even with a high gas flow rate and without blowing out the arc.

Max flow rate: 60l/min



**Thickness of 37.6 mm:** possibility to weld with the stainless steel jaws standard microfitting fittings or other accessories with a straight part of 19.1 mm.

Product Code	Description	Tube welding machine for the following diameters	Net weight with cable	Dimensions A x B x C in mm	Dimensions D
SATFX-52	Water-cooled closed head with <b>8m cable</b> for SAXX welding power sources	ø 6 - ø 52 mm	8.6 kg	375 x 142 x 37,6	ø 160 mm
SATFX-76		ø 6 - ø 77 mm	8.9 kg	399 x 166 x 37,6	ø 187 mm
SATFX-115		ø 12 - ø 115 mm	9.4 kg	439 x 206 x 37,6	ø 242 mm