

# NEW PRODUCTS

## In the SXx22 orbital welding range

We have decided to strengthen this part of our range of orbital welding machines.



Robustness, improved seating, more "positive" clamping and continuity guided the choices of our developers and pilot customers.

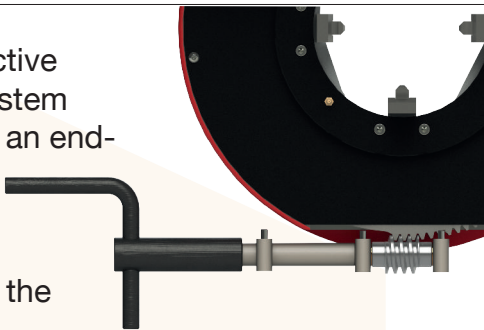
The **stability** of the assembly has been greatly improved by the **redesign of the support plate**.

### Robustness

**Easy handling**  
Introduction of a lifting eye for use in a workshop or on site.




A more effective clamping system (+30%) with an end-less screw engaging directly with the cam lock.

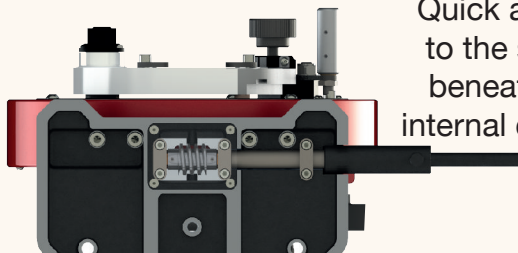


### Easy maintenance and inspection

The internal clamping components are lubricated using a greaser

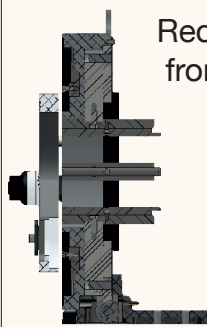
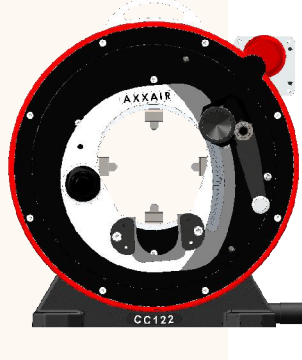


Quick access to the screw beneath the internal cowling



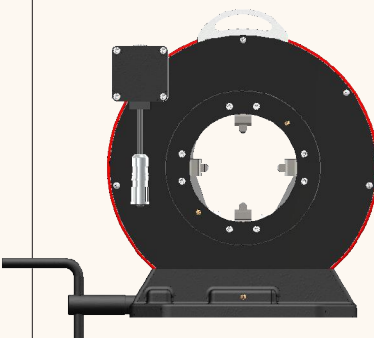
### A perfect seal against chips

Redesigned front baffle

Rotating parts incorporated into the body

No moving parts visible at the rear




# SX122 - 172 - 222 - 322

**AXXAIR**  
INNOVATIVE ORBITAL SOLUTIONS

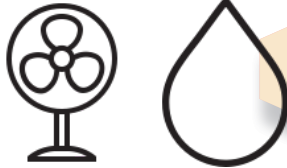
**No tube distortion**

Concentric clamping



Stainless steel basic and auxiliary jaws as standard

**Air Cooled or Water Cooled**



**Rotating**

Connect to the SAXX range welding generator

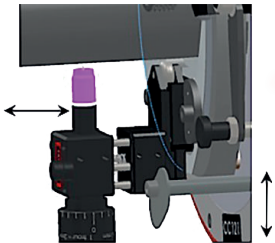
**Constant distance: electrode-tube**

Mechanical tracking of tube ovalization from the outside.



**Accurate positioning**

Axial adjustment of the electrode position: facilitates location of the parts to be welded  
Adjustment of the tube's axial position +/- 5 mm



**Micrometric adjustment of the height of the arc**

Accuracy of adjustment without specific tooling



**Easy handling and transportation**



**Compatible With the SAXX generators**



**Welding range**

122	ø5 - ø119 mm 0.25" - 4.5"
172	ø16 - ø173 mm 0.625" - 6.625"
222	55 - ø228 mm 2.375" - 8.625"
322	ø141 mm - ø328 mm 5.563" - 12.750"



# SX122 - 172 - 222 - 322



## Technical characteristics:

Machines for TIG orbital prefab welding.



Choice of: AIR cooling or WATER cooling

For optimum use, the ambient temperature must be between 0 °C and + 40 °C.

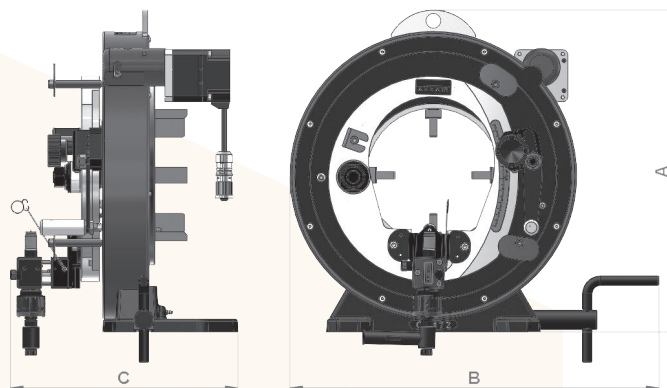
Compatible with AXXAIR type SAXX welding generators, we have an automatic parameter calculation mode.

The generator will offer you parameters adapted to the characteristics of the tubes / accessories to be welded.

The machine can be supplemented by a wire feed system. For details, please refer to accessories.

For welding with an AVC / OSC system please refer to the "thick" catalogue

SX-xx2-E (WATER)	200 A.
SX-xx2-A (AIR)	100 A



	Product Code	Tube welding machine for the following diameters (in mm):		Net weight	Customs code	Dimensions (AxBxC in mm)
		With basic jaws	With extra jaws (included)			
<b>NEW</b> Cooling AIR	SX122-A	Ø29 - Ø119	Ø5 - Ø99	45 kg	85153 10000	446 x 541 x 350
	SX172-A	Ø74 - Ø173	Ø16 - Ø116	52 kg		493 x 566 x 350
	SX222-A	Ø128 - Ø228	Ø55 - Ø155	60 kg		548 x 594 x 350
	SX322-A	Ø230 - Ø328	Ø141 - Ø239	73 kg		649 x 644 x 350
Cooling WATER	SX122-E	Ø29 - Ø119	Ø5 - Ø99	45 kg	85153 10000	446 x 541 x 350
	SX172-E	Ø74 - Ø173	Ø16 - Ø116	52 kg		493 x 566 x 350
	SX222-E	Ø128 - Ø228	Ø55 - Ø155	60 kg		548 x 594 x 350
	SX322-E	Ø230 - Ø328	Ø141 - Ø239	73 kg		649 x 644 x 350

