

Orbital cutting - Accessories

AXXAIR

INNOVATIVE ORBITAL SOLUTIONS

Our support legs and stands have been designed to further facilitate cutting by ensuring that the machine is stable in different conditions: in a workshop or on site.

The great advantages of these products:

- lightness
- flexible handling
- easy to use



Product Code	Description	Net Weight	Dimensions (in cm)
CCPS21	Support feet	10 kg	103 x 32 x 11

Support legs for orbital cutting machine:

- quick assembling and dismantling
- storage box at the back
- height adjustment with screws
- optimum stability

81	✓121ECO	✓171ECO	✓122	✓172	✓222	✓322	421	521	721	1100
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Product Code	Description	Net Weight	Dimensions (in cm)
CCSER1	Simple stand	10 kg	60 x 26 x 10

Simple stand for supporting tubes with height adjustment:

- quick assembling and dismantling
- height adjustment

✓81	✓121ECO	✓171ECO	✓122	✓172	✓222	✓322	421	521	721	1100
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Product Code	Description	Net Weight	Dimensions (in cm)
CCSER2	Stand (with chrome steel bearings)	11 kg	60 x 26 x 10

Stand with chrome steel bearings for supporting tubes with height adjustment:

- easy assembling and dismantling
- facilitates tube feeding after each cut
- height adjustment

✓81	✓121ECO	✓171ECO	✓122	✓172	✓222	✓322	421	521	721	1100
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Our support benches help you to position and feed your tubes without the aid of stands. The height-adjustable table helps you easily and precisely set the height of your machine, for cutting tubes placed on the support bench.

The additional tube support bench allows you to position your longest tubes in a stable manner on all benches.

We also recommend that you support the cut section in front of your cutting machine using one or more additional benches, depending on the length of the tube.



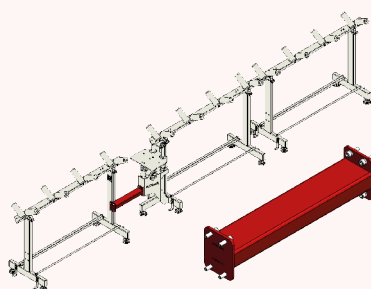
Product Code	Description	Net Weight	Dimensions (in cm)
CCBSB-X1	Bench with height adjustment	57 kg	184 x 95 x 51
Height-adjustable support bench, 1.5m - stainless steel rollers - handle for height adjustment - 1.5 m long - maximum load: 350 kg - ø min pipe: 5 mm - ø max pipe: 321 mm - compatible with machines 121 to 321			

81	✓ 121ECO	✓ 171ECO	✓ 122	✓ 172	✓ 222	✓ 322	421	521	721	1100
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Product Code	Description	Net weight	Dimensions (in cm)
CCBSB-X2	Additional 1.5 m bench	38 kg	150 x 95 x 51
Additionnal support bench: - stainless steel rollers - 1.5 m long - maximum load 350 kg uniformly distributed - ø min pipe : 5 mm - ø max pipe: 321 mm - compatible with machines 121 to 321			

81	✓ 121ECO	✓ 171ECO	✓ 122	✓ 172	✓ 222	✓ 322	421	521	721	1100
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Product Code	Description	Net Weight	Dimensions (in mm)
CCBSB-B005	Connection	3 kg	100 x 80 x 402
Connecting bar for CCBSB-X1 and CCBSB- X2: - Allows the height-adjustable table to be connected to a bench placed in front of the machine			

81	✓ 121ECO	✓ 171ECO	✓ 122	✓ 172	✓ 222	✓ 322	421	521	721	1100
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Orbital cutting - Accessories (End stop)

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INNOVATIVE ORBITAL SOLUTIONS

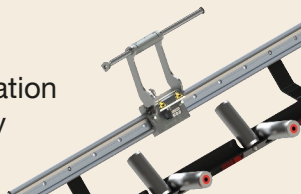
In addition to our CCBB-X1 and CCBB-X2 benches, we offer benches with an end stop system. These stops are very simple to use and avoid all measurement errors.

No pollution of the tube:

All parts that are in contact with the tube are made of stainless steel (the rollers but also the stop finger)

Retractable stop:

In order to facilitate the evacuation of the cut, the stop is manually retractable.



- Lengths available:

1500 - 3000 - 4500 - 6000 - 7500 and 9000 mm

- Working stroke: Length - 200 mm

- Delivered by module of 1500mm to be put together

- Max load per module: 350 kg (evenly distributed)

- Max push on the stop: 10 kg

- Operating temperature: 0 - 50 °C

- Relative humidity: 35 - 85%

They can be assembled on the **feed-in or feed-out** section of the cutting machine

They are available **with a ruler or with an LCD display**.

Feed-in assembly



Feed-out assembly



LCD display

Possibility of selecting the direction of counting, the position of the decimal point, the unit of measurement (mm or inches), reset / preset of the measurement, absolute / relative dimension.

- Battery powered. Lifetime of about 4 years.

The discharged battery icon appears when battery replacement is required.

Replacement is easily done without loss of the value and configuration parameters.

- Resolution 0.1 mm

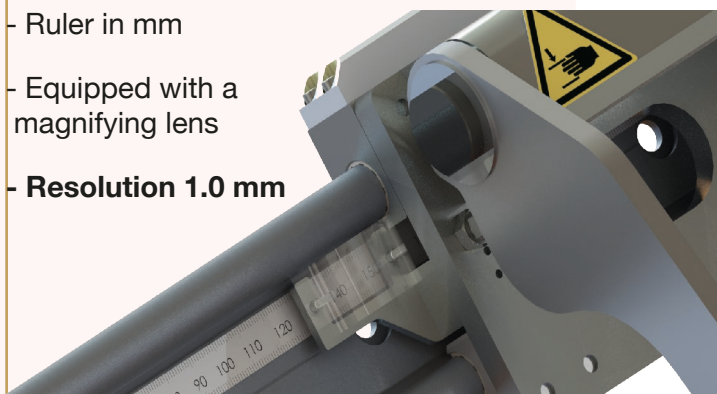


Ruler

- Ruler in mm

- Equipped with a magnifying lens

- Resolution 1.0 mm



81

✓121ECO

✓171ECO

✓122

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✓322

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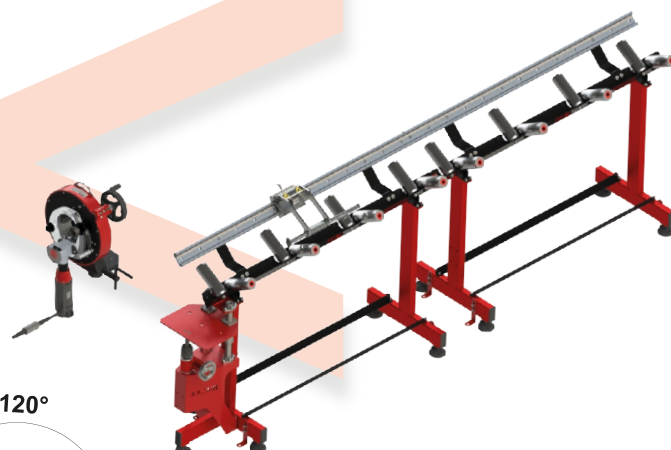
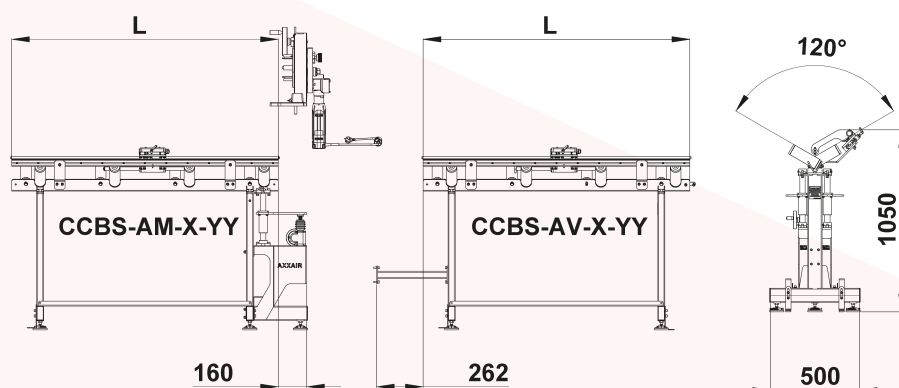
Orbital cutting - Accessories (End stop)

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 INNOVATIVE ORBITAL SOLUTIONS

Feed-in assembly

The parts are delivered unassembled in transport boxes, per module of 1,5 m.

They must be assembled, aligned and fixed to the ground. The magnetic ruler (with LDC display) or the ruler must be glued at the end of the assembly.



The system is delivered with the height-adjustable support bench (CCBSB-X1), additional support benches, the starting end stop module and its extensions.

Assembly	Reader	Length (in mm)	Working stroke (in mm)				Product code			Net weight	
on the feed-in section of the cutting line	Ruler	1500	1300				CCBSB-AM-R-15			65 kg	
		3000	2800				CCBSB-AM-R-30			104 kg	
		4500	4300				CCBSB-AM-R-45			143 kg	
		6000	5800				CCBSB-AM-R-60			163 kg	
		7500	7300				CCBSB-AM-R-75			200 kg	
		9000	8800				CCBSB-AM-R-90			238 kg	
	LCD display	1500	1300				CCBSB-AM-D-15			65 kg	
		3000	2800				CCBSB-AM-D-30			104 kg	
		4500	4300				CCBSB-AM-D-45			143 kg	
		6000	5800				CCBSB-AM-D-60			163 kg	
		7500	7300				CCBSB-AM-D-75			200 kg	
		9000	8800				CCBSB-AM-D-90			238 kg	
81	✓121ECO	✓171ECO	✓122	✓172	✓222	✓322	421	521	721	1100	

You can add CCBBSB-X2 modules to support the tube after the cutting process (in front of the cutting machine) with the CCBSB-B005 connecting bar (see previous pages).



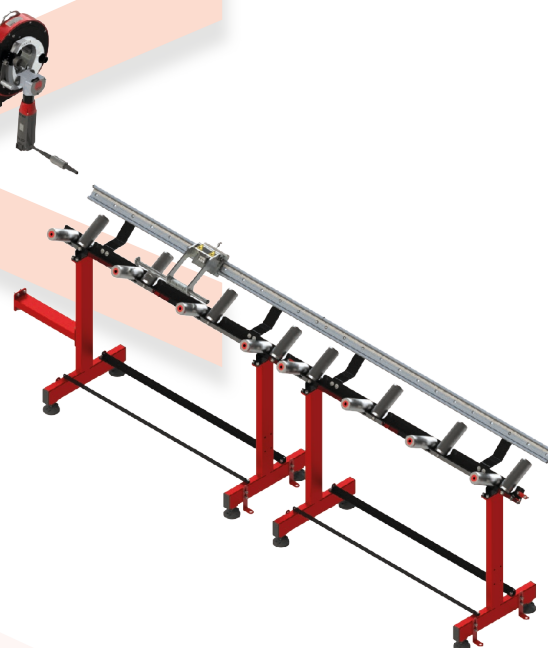
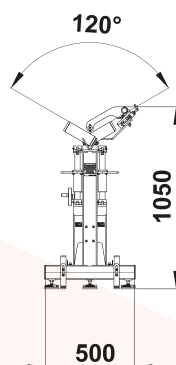
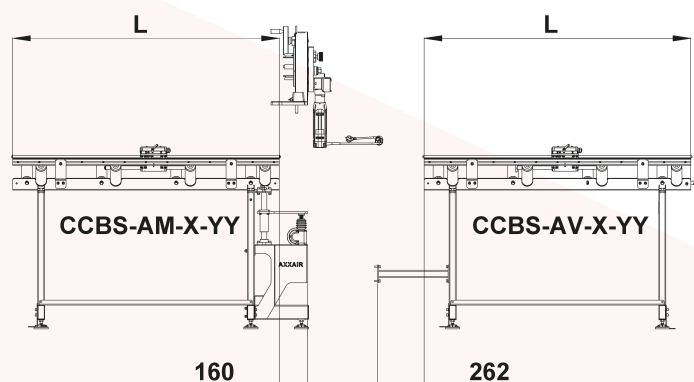
Orbital cutting - Accessories (End stop)

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 INNOVATIVE ORBITAL SOLUTIONS

Feed-out assembly

The parts are delivered unassembled in transport boxes, per module of 1,5 m.

They must be assembled, aligned and fixed to the ground. The magnetic ruler (with LDC display) or the ruler must be glued at the end of the assembly.



The system comes with: CCBSB-X2 support bench modules, the starting end stop module and its extensions, the CCBSB-B005 connecting bar.

Attention: For all references with AV (bench with end stop on the feed-out section) we must also deliver at least one CCBSB-X1 bench (height-adjustable support bench) to support the cutting machine.

Assembly		Reader	Length (in mm)		Working stroke (in mm)			Product code			Net weight
on the feed-out section of the cutting line		Ruler	1500		1300			CCBSB-AV-R-15			46 kg
			3000		2800			CCBSB-AV-R-30			85 kg
			4500		4300			CCBSB-AV-R-45			124 kg
			6000		5800			CCBSB-AV-R-60			163 kg
			7500		7300			CCBSB-AV-R-75			201 kg
			9000		8800			CCBSB-AV-R-90			240 kg
		LCD display	1500		1300			CCBSB-AV-D-15			46 kg
			3000		2800			CCBSB-AV-D-30			85 kg
			4500		4300			CCBSB-AV-D-45			124 kg
			6000		5800			CCBSB-AV-D-60			163 kg
			7500		7300			CCBSB-AV-D-75			201 kg
			9000		8800			CCBSB-AV-D-90			240 kg
81	✓121ECO	✓171ECO	✓122	✓172	✓222	✓322	421	521	721	1100	



Orbital cutting - Accessories

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INNOVATIVE ORBITAL SOLUTIONS

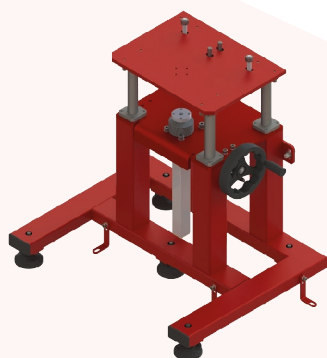
Our support benches help you to position and feed your tubes without the aid of stands.

The height-adjustable table helps you easily and precisely set the height of your machine, for cutting tubes placed on the support bench.

The additional tube support bench allows you to position your longest tubes in a stable manner on all benches.

We also recommend that you support the cut section in front of your cutting machine using one or more additional benches, depending on the length of the tube.

These products are available on request



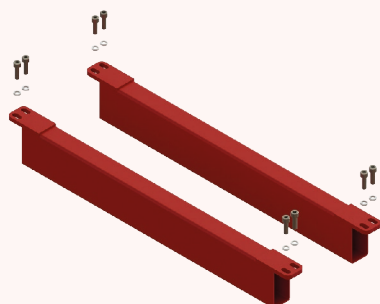
Product Code	Description	Net weight	Dimensions (in mm)
CCBSB2-003	Height-adjustable table	53.5 kg	75 x 73 x 54
Height-adjustable table for 422 / 521 / 721:			
- adjustable table height		- optimum stability	

81	121ECO	171ECO	122	172	222	322	✓421	✓521	✓721	1100
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Product Code	Description	Net Weight	Dimensions (in mm)
CCBSB2-004	Support bench	72.8 kg	97 x 71 x 150
Tube support bench for 422 / 521 / 721:			
- quick assembly and dismantling		- 1.5 m long	
- height adjustment		- optimum stability	

81	121ECO	171ECO	122	172	222	322	✓421	✓521	✓721	1100
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Product Code	Description	Poids net	Dimensions (en mm)
CCBSB2-005	Connecting bar	6.5 kg	8.5 x 4 x 65
Connecting bar between two CCBSB2 support benches:			
- quick assembly and dismantling		- ensures optimum stability	

81	121ECO	171ECO	122	172	222	322	✓421	✓521	✓721	1100
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INNOVATIVE ORBITAL SOLUTIONS

New autoline electric rotation:

Measures and displays the cutting/bevelling motor's power consumption

- enables the motor and cycle to be stopped in the event of overconsumption
- protects the motor and frees the operator from watching the machine
- detects whether the motor is straining and whether the blade is worn

3.5 colour touch-screen allowing you to:

- enter the diameter and precisely adjust the feed speed in mm/min
- aid adjustment with a suggested motor speed and feed speed based on the type of material and the blade used
- perform quick and easy configuration
- display the cutting/bevelling motor's consumption
- display in English, French or German
- choose the unit of measure: mm or inch

Welding mode with prefab machine and SAXX power source : 4-button display (Start, Stop, Left, Right) with the addition of a power source connection cable

(Ref. SAEX-A02 for addition, more details in the "ORBITAL WELDING" section of this catalogue)

This rotation is compatible with our previous **121, 171, 221, 321, 421, 521 and 721** models.

The previous SAEP-00/000 rotation cannot be fitted to our new 122, 172, 222 and 322 models.



Product Code	Description	Net Weight	Dimensions (in mm)
SAEX-00	Autoline electric rotation	6.3 kg	320 x 261x 193

Autoline electric inverter for CC122 to 322:

- 110 V to 230 V
- even rotation
- easy to use
- precise adjustment

81	121ECO	171ECO	✓ 122	✓ 172	✓ 222	✓ 322	421	521	721	1100
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Product Code	Description	Net Weight	Dimensions (in mm)
SAEX-000	Autoline electric rotation	6.3 kg	320 x 261x 193

Autoline electric inverter for CC421 to 721:

- 110 V to 230 V
- even rotation
- easy to use
- precise adjustment

81	121ECO	171ECO	122	172	222	322	✓ 421	✓ 521	✓ 721	1100
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NEW

Accessories (electric clamping)

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INNOVATIVE ORBITAL SOLUTIONS

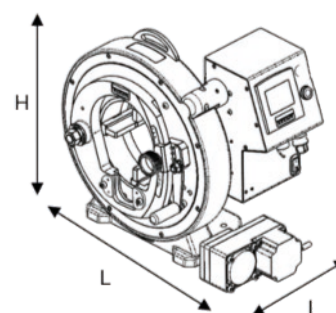
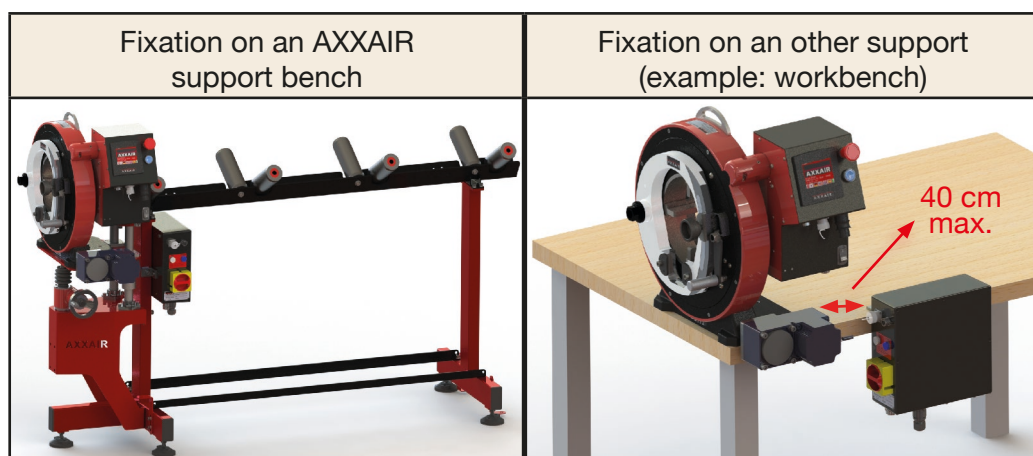


You realize **important series** in your company and want to be more effective during your projects? Our electric clamping is the ideal answer for the preparation and / or welding of your tubes.

The electric clamping makes it possible to carry out a **repetitive and constant force tightening** on tubes with identical diameters and thicknesses. The **clamping force is adjustable**, it prevents the tubes from being deformed or marked.

Technical specifications:

- 24Vdc brushless motor, motor torque: 34N.m
- Tightening force on the tube: 850 kg maximum, adjustable from 15 to 100%
- Clamping speed: 86 mm / min (diameter)
- The electric clamping is sold with the body frame and the automatic rotation



Product code	Body frame, automatic rotation and electric clamping Machine's jaw opening capacity in mm		Net weight	Dimensions (HxLxI in mm)
	With basic jaws	With extra jaws (included)		
122-AU	Ø29 - Ø119	Ø5 - Ø99	51 kg	470 x 498 x 359
172-AU	Ø74 - Ø173	Ø16 - Ø116	58 kg	520 x 530 x 359
222-AU	Ø128 - Ø228	Ø55 - Ø155	66 kg	575 x 575 x 359
322-AU	Ø230 - Ø328	Ø141 - Ø239	80 kg	675 x 662 x 359

Caution: Remember to order one or more motors (cutting, beveling or welding torch) and the consumables needed with the sets listed above.



1 machine - 3 applications

AXXAIR

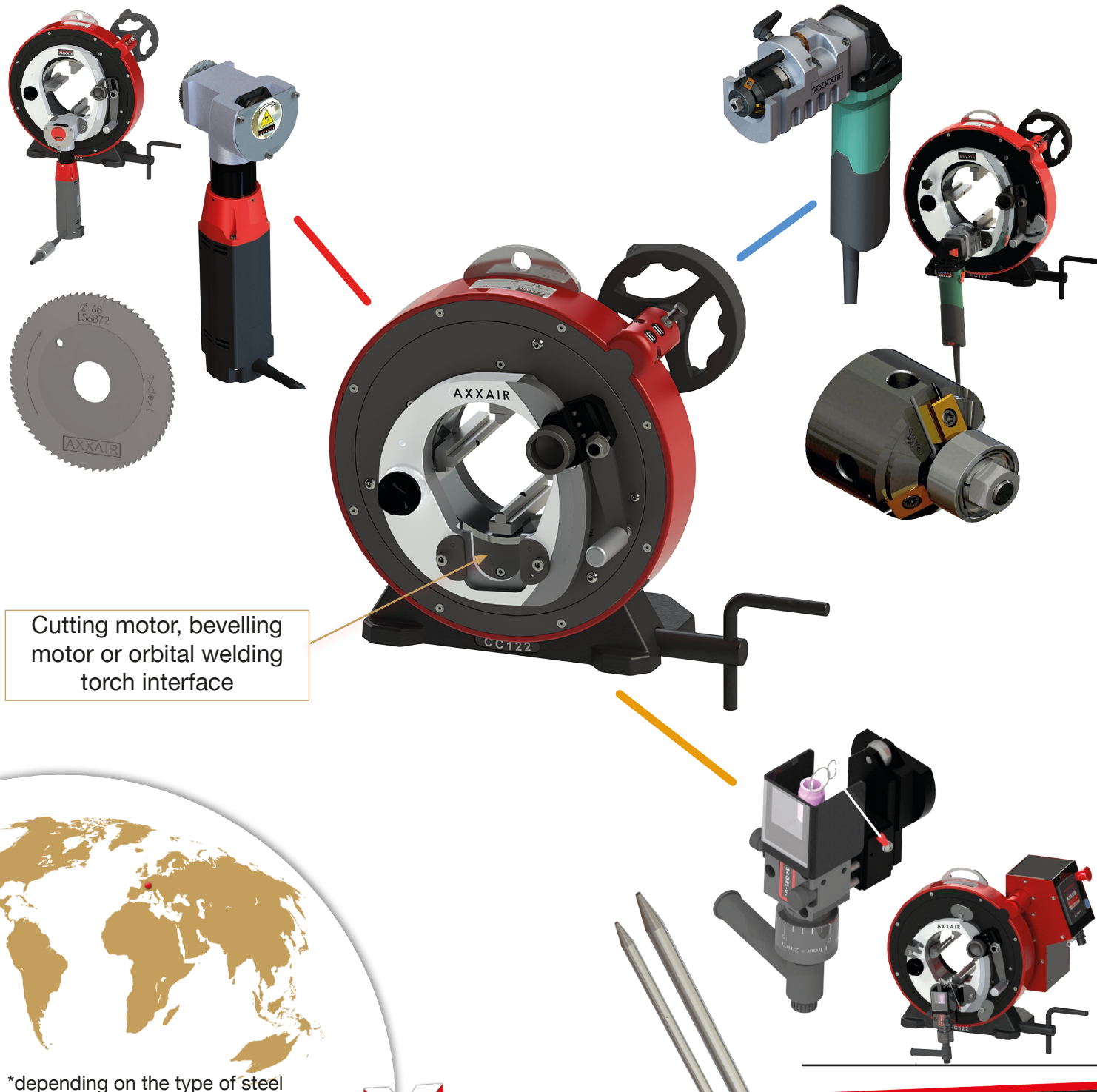
INNOVATIVE ORBITAL SOLUTIONS

The AXXAIR Group was the first to offer a triple and exclusive solution, from preparation to orbital welding:

the global process

For more than 20 years, a single machine frame (122, 172, 222 and 322) has enabled three operations to be carried out:

Cutting, bevelling and orbital welding



*depending on the type of steel

Join **experience**



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A machine - 3 applications

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INNOVATIVE ORBITAL SOLUTIONS



Product Code	Description	Net weight
FS xx / MOPD	Cutting motor	5 kg
Low-speed / high-speed / pneumatic motor with dual output (uptake):		
120V	Low-speed motor: FS15	122
	High-speed motor: FS19	172
230V	Low-speed motor: FS25	222
	High-speed motor: FS29	222
Pneumatic	MOPD	322

To use this motor you will need to order: suitable cutting blades for the tube thickness you want to cut and, if necessary, lubricant.

All information and relevant product codes appear in the orbital cutting accessories and consumables section of this catalogue.



Product Code	Description	Net Weight
GA10 - x - xx	Bevelling motor kit	5 kg

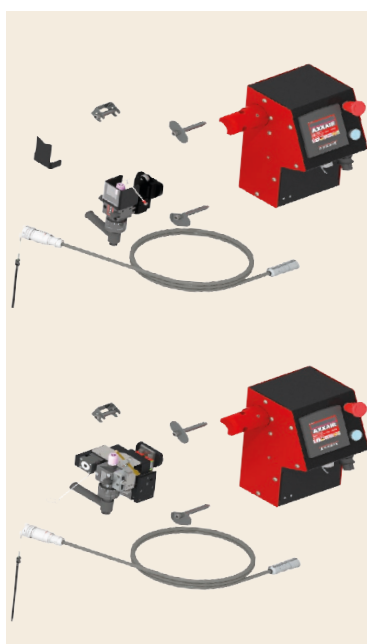
120V / 230V beveling motor supplied with a chip shield and a workpiece guide tailored to the frame of your cutting / prefab welding machine:

120V	Product Code	Frame
	GA10-M1-122	122
	GA10-M1-172	172
	GA10-M1-222	222
	GA10-M1-322	322

230V	Product Code	Frame
	GA10-M2-122	122
	GA10-M2-172	172
	GA10-M2-222	222
	GA10-M2-322	322

To use this motor and bevel your tubes you will need to order: one or more milling heads and carbide inserts.

All information and relevant product codes appear in the orbital bevelling accessories and consumables section of this catalogue.



Product Code	Description	Net Weight
SX - KIT x	Torch kit	depending on the chosen product
KIT for upgrading a CC/GA to an SX Air / Water / AVC+OSC torch		
Cooling	Product Code	Frame
AIR	SX-2KITA	122
EAU	SX-2KITE	172
	SX-2KITNAOF (AVC/OSC)	222
	SX-2KITNAOF (AVC/OSC)	322
If you have acquired the electrical clamping (xx2-AU), please order the references below, they are delivered without automatic rotation:		
AIR	SX-3KITA	122
EAU	SX-3KITE	172
	SX-3KITNAOF (AVC/OSC)	222
	SX-3KITNAOF (AVC/OSC)	322

To use this KIT and to prefab weld, you will need to order: a suitable AXXAIR welding power supply for the tubes you want to weld.

All information and relevant product codes appear in the orbital welding section of this catalogue.

