

AXXAIR's orbital cutting

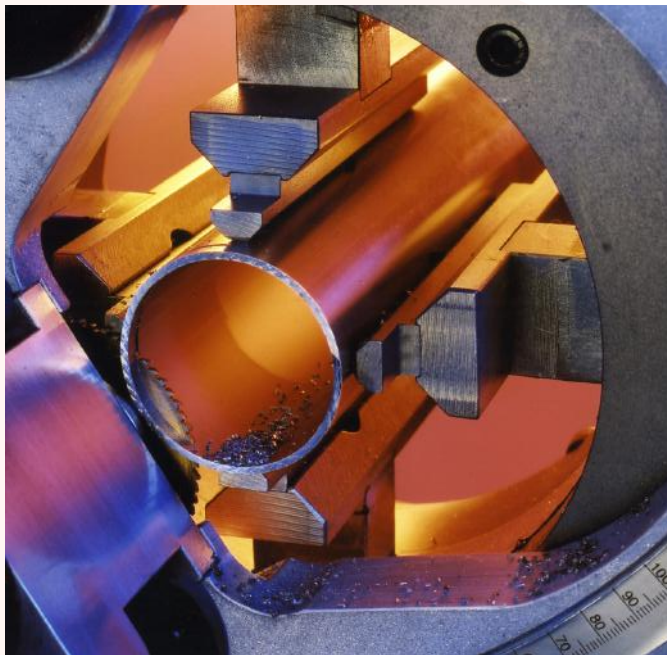
AXXAIR

INNOVATIVE ORBITAL SOLUTIONS

Tube preparation is essential to be able to have quality welding.

An orbital cutting machine allows a cut of high quality thanks to **the saw blade that is turning around the tube.**

The geometry of the thin wall tubes remains, therefore, intact : no tube distortion when clamping (stainless steel concentric jaws) and no deformation due to repetitiveness as the blade follows the tube section.

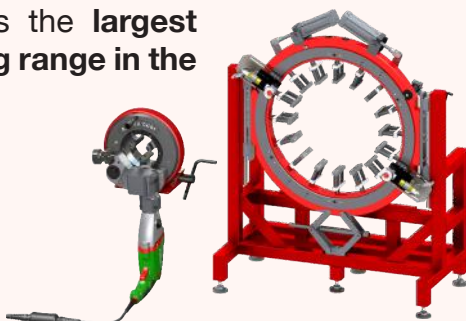


This precision is required for the welding machine to be able to close the seam and to make an adequate welding sealing.

Therefore, orbital cutting is an essential step before automatic welding.

AXXAIR offers the **largest orbital cutting range in the world !**

11 different models to cut tubes from diameter 5 to 1100 mm !



FLEXIBILITY, PRODUCTIVITY

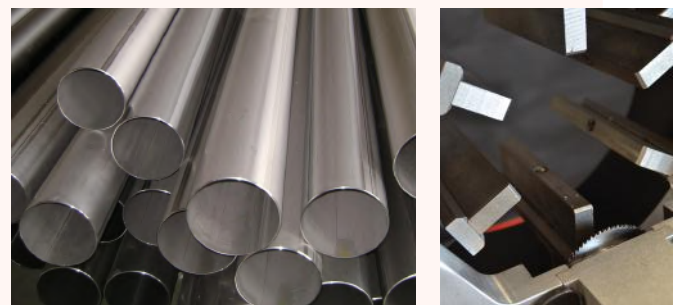
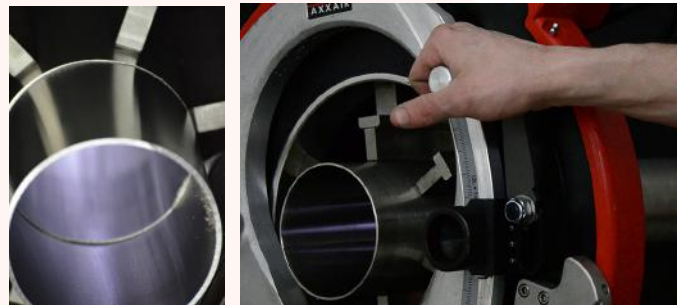
AXXAIR frames (except CC81, CC121ECO and 171ECO) are easily scalable for beveling and welding use.

QUALITY

Cutting with no tube distortion (multi-contacts concentric clamping) ideal for thin wall stainless steel tubes. Geometric cuts (perpendicular cuts <0,25 mm) and a great surface quality (limited burring).

PORTABILITY

Machines easy to carry and move, can be used both on site or in workshop. Ideal preparation for thin stainless steel tubes.



Please do not hesitate to contact us for all enquiries relating to orbital cutting technology.

We will be glad to share our know-how with you and to devise a solution that best meets your needs!

Join **experience**





The ECO Cutting range

81M - 121ECO - 171ECO

For 20 years AXXAIR has been developing and offering scalable, flexible and reliable machines with many functions based on a patented concentric clamping system.

The frames of our cutting machines 122 - 322 (page 9-11) can be fitted with a cutting motor, a bevelling motor or with a TIG welding torch.

Our ECO range differs from this concept; it only offers a pipe cutting function for customers searching for alternatives.

We developed the ECO cutting range in order to respond to these users looking simply for a cutting solution for thin tubes.

Machines dedicated to thin tubes < 5 mm wall thickness*

Easy to transport and less heavy

Attractive prices

METABO motorisation offers a large speed range and a torque big enough for thin stainless steel tube applications.

This motor also has a handle that gives the possibility for the motor to be turned manually around the machine.

The design of the 121ECO and the new 171ECO, has the same system to set diameters and blade penetration as our range x22.

Thus, these machines benefit from very performing characteristics and a design especially made for our evolutive range.

Our Eco range does not come with accessories such as rotation autoline and automatic electric clamping.



For more details, accessories and the references please see pages 7 et 8 of this catalogue.

*depending on the type of steel



Join **experience**





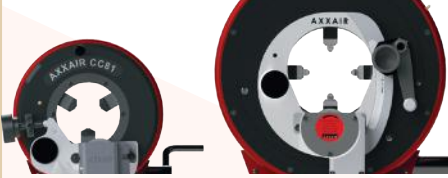
81M - 121ECO - ^{NEW} 171ECO

AXXAIR
INNOVATIVE ORBITAL SOLUTIONS



No tube distortion

Concentric clamping system



Basic and extra **stainless steel jaws**: no pollution of the pipes

Operator safety feature

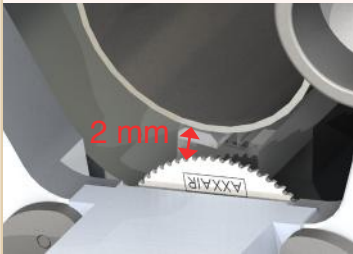
Penetration check feature

Uptake

121ECO +171ECO: dual output cutting motor with 2 blade positions

Limited vibration and tube distortion

Optimised blade to jaws distance



Motor 1300W

Adjustment via the speed changer

Cutting capacity:

Up to 5 mm wall thickness*



Cutting precision

Perpendicular cuts < 0.25 mm

Continuous use

Electric rotary seal with anti-twist cable

Easy handling and transportation



Cutting range

81M	ø5 - ø78 mm 0.25 - 3 "
121ECO	ø5 - ø121 mm 0.25 - 4.5 "
171ECO	ø16 - ø170 mm 0.625 - 6.625 "

*depending on the type of steel





81M - 121ECO - 171ECO

AXXAIR

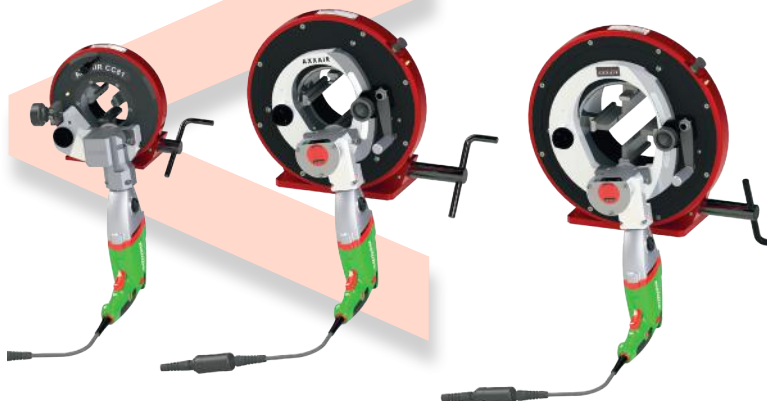
INNOVATIVE ORBITAL SOLUTIONS

Technical features :

METABO motorisation offers a large range of speed and an adequate torque for thin wall stainless steel tubes applications.

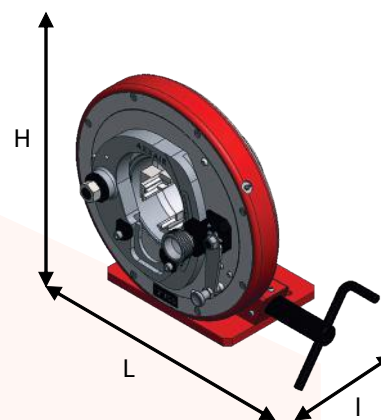
Electric motor 1300W:

- Mechanical gearbox and electric speed variator
- 50/60 HZ
- single-phase motor



All motors are delivered in their individual case, including the necessary tools

The 81M's motor and its necessary tools are put directly in the transport box.



	Product Code	Tube cutting machine for following diameters (in mm):		Net weight	Customs Code	Dimensions (HxLxw in mm)
		With basic jaws	With extra jaws (included)			
120V 1300W	81M11	Ø5 - Ø78	-	15 kg	846150 9000	263 x 346 x 236
	121ECO1	Ø24 - Ø121	Ø5 - Ø108	38 kg		432 x 520 x 297
	NEW 171ECO1	Ø70 - Ø170	Ø16 - Ø118	44 kg		453 x 550 x 307
230V 1300W	81M21	Ø5 - Ø78	-	15 kg	846150 9000	263 x 346 x 236
	121ECO2	Ø24 - Ø121	Ø5 - Ø108	38 kg		432 x 520 x 297
	NEW 171ECO2	Ø70 - Ø170	Ø16 - Ø118	44 kg		453 x 550 x 307



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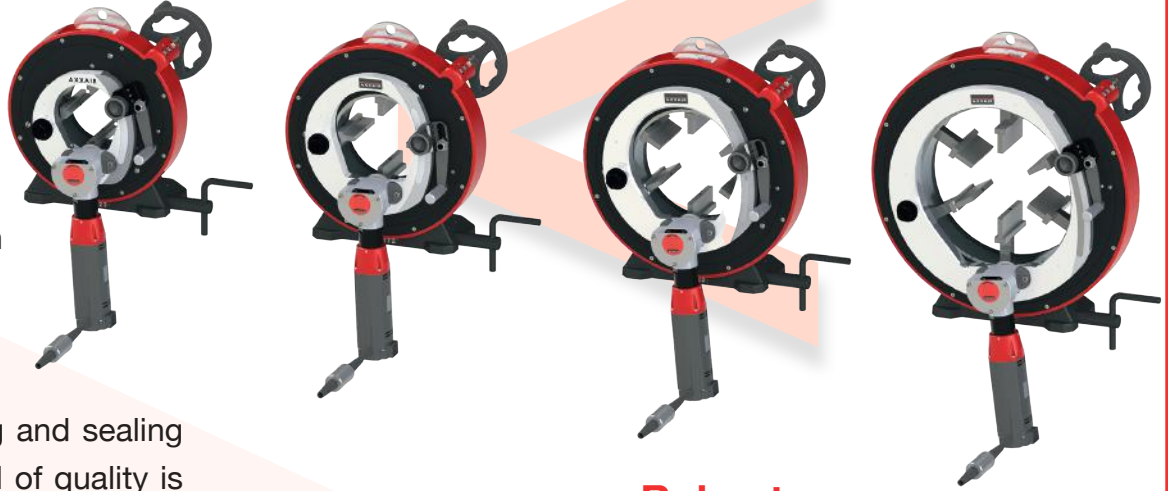
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INNOVATIVE ORBITAL SOLUTIONS

NEW PRODUCTS

in the orbital cutting range CCx22

Customer satisfaction and our continuous improvement policy have led our developers to redesign part of our cutting programme. The aim is to provide easier and stronger clamping and sealing against chip. The level of quality is higher than ever and stability has been improved.

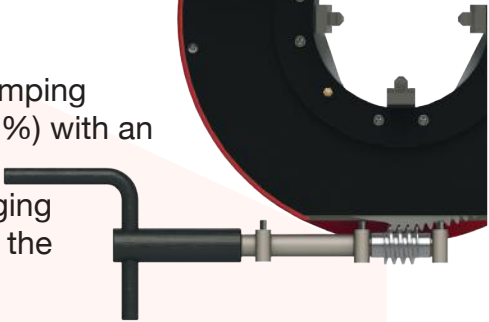


Robustness

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




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

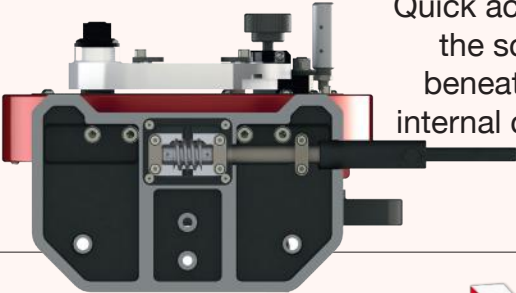


Easy maintenance and inspection

The internal clamping components are lubricated using a greaser

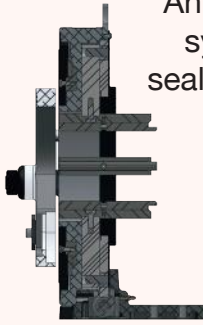
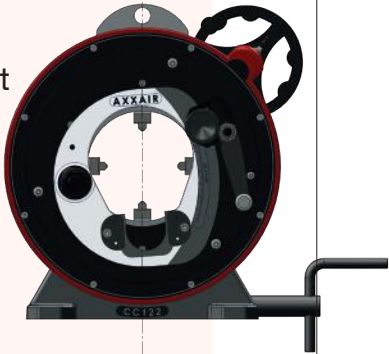


Quick access to the screw beneath the internal cowling

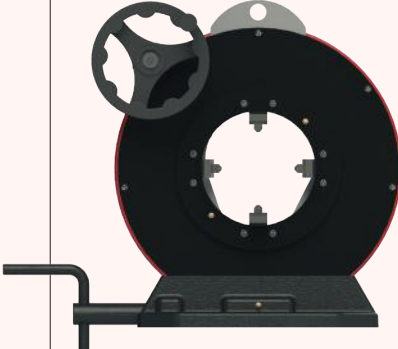


A perfect sealing against chips

An improved system of sealing against chip

All rotating parts are incorporated in the body

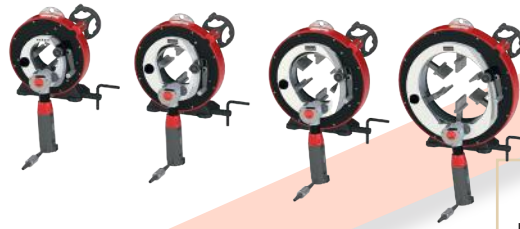



Join **experience**






122 - 172 - 222 - 322



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INNOVATIVE ORBITAL SOLUTIONS

No tube distortion
Concentric clamping



Stainless steel basic and auxiliary jaws as standard

Reduced vibration and increased blade life

Optimised blade to jaw distance



2 mm - 16 mm

Scalability
Can be transformed into an orbital bevelling and welding machine

Continuous use
Electric rotary seal with anti-twist cable



Cutting quality
Rotation handle for controlled and continuous cutting speed

Uptake
Dual output cutting motor with 2 blade positions

Cutting precision
Perpendicularity of < 0.25 mm

1200W motor or pneumatic motor (as required)

Cutting capacity:
Up to 5 mm wall thickness*

Easy handling and transportation



Cutting range	
122	ø5 - ø119 mm 0.25" - 4.5 "
172	ø16 - ø173 mm 0.625" - 6.625 "
222	ø55 - ø228 mm 2.375" - 8.625 "
322	ø141 - ø328 mm 5.563" - 12.750 "

*depending on the type of steel



122- 172 - 222- 322

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INNOVATIVE ORBITAL SOLUTIONS

Technical features:

- Fast speed motor:

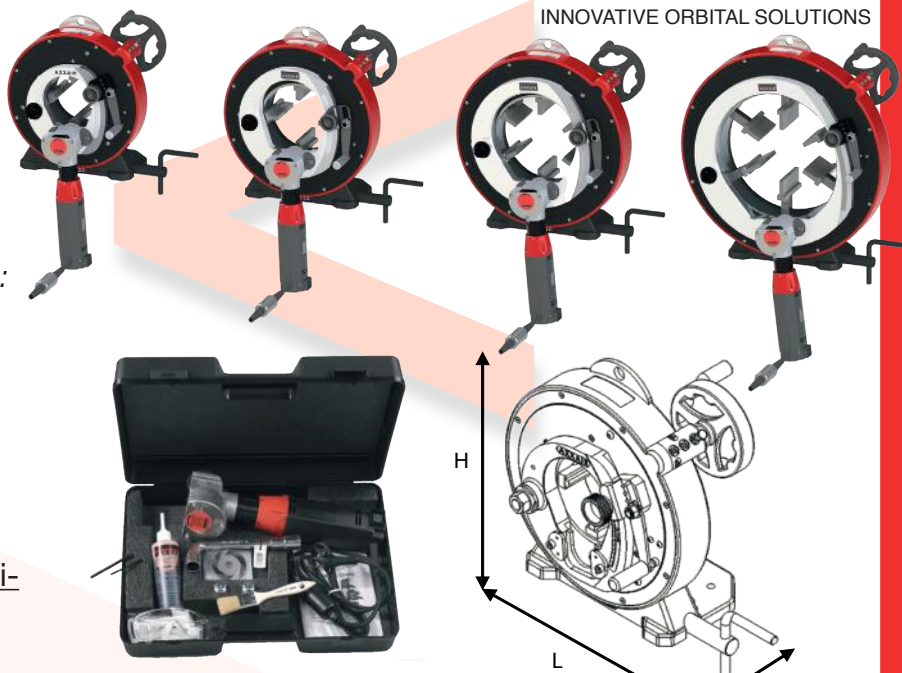
120V or 230V, 1200W, electronic speed variator with cutting compensator

Vibration level according to EN 28662 norm : <math>< 2.5m/s^2</math>, protection class : IP 20

- Pneumatic motor:

60 to 110 rpm, air flow rate 1500 l/min at 6 bar.

All motors are supplied in their own individual cases, including the necessary tools

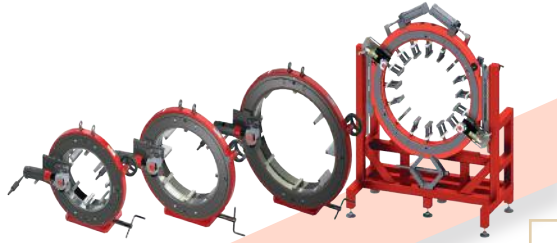


	Product Code	Tube cutting machine for the following diameters (in mm):		Net weight	Customs Code	Dimensions (HxLxw in mm)
		With basic jaws	With extra jaws (included)			
120V 1200W fast motor	NEW 122FS19	Ø29 - Ø119	Ø5 - Ø99	44 kg	846150 9000	443 x 541 x 304
	NEW 172FS19	Ø74 - Ø173	Ø16 - Ø116	51 kg		493 x 566 x 304
	NEW 222FS19	Ø128 - Ø228	Ø55 - Ø155	59 kg		548 x 594 x 304
	NEW 322FS19	Ø230 - Ø328	Ø141 - Ø239	71 kg		649 x 644 x 304
230V 1200W fast motor	NEW 122FS29	Ø29 - Ø119	Ø5 - Ø99	44 kg	846150 9000	443 x 541 x 304
	NEW 172FS29	Ø74 - Ø173	Ø16 - Ø116	51 kg		493 x 566 x 304
	NEW 222FS29	Ø128 - Ø228	Ø55 - Ø155	59 kg		548 x 594 x 304
	NEW 322FS29	Ø230 - Ø328	Ø141 - Ø239	71 kg		649 x 644 x 304
Pneu- matic motor	NEW 122PD	Ø29 - Ø119	Ø5 - Ø99	44 kg	846150 9000	443 x 541 x 304
	NEW 172PD	Ø74 - Ø173	Ø16 - Ø116	51 kg		493 x 566 x 304
	NEW 222PD	Ø128 - Ø228	Ø55 - Ø155	59 kg		548 x 594 x 304
	NEW 322PD	Ø230 - Ø328	Ø141 - Ø239	71 kg		649 x 644 x 304





421- 521-721-1100



No tube distortion

Concentric clamping



Basic stainless steel jaws as standard

Uptake

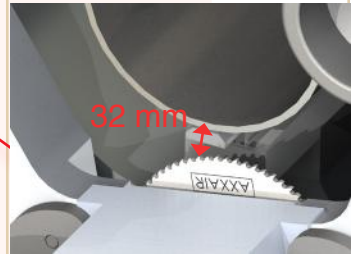
Dual output cutting motor with 2 blade positions

Cutting quality

Rotation handle as standard

Reduced vibration and increased blade life

Optimised blade to jaw distance



Continuous use

Electric rotary seal with anti-twist cable

Cutting precision

Perpendicular cuts < 0.4 mm

Easy handling and transportation



1200W motor or pneumatic motor (as required)

Cutting capacity:
Up to a wall thickness of 5 mm*

Cutting range

421	ø212 - ø422 mm 8.625 - 16 "
521	ø312 - ø522 mm 12.75 - 20 "
721	ø447 - ø725 mm 18 - 28"
1100	ø711 - ø1016 mm 28 - 40 "

*depending on the type of steel





421-521-721-1100

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INNOVATIVE ORBITAL SOLUTIONS

Technical features:

- Fast motor:

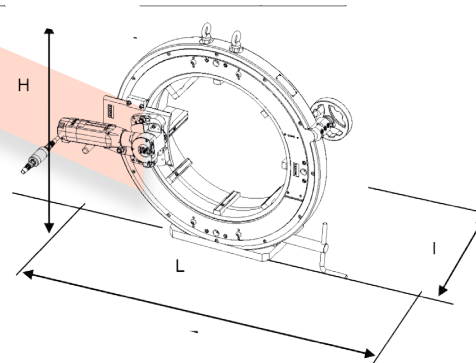
120V or 230V, 1200W, electronic speed variator with cutting compensator

Vibration level according to EN 28662 norm : <math>< 2.5m/s^2</math>, protection class : IP 20

- Pneumatic motor:

60 to 110 rpm, air flow rate 1500 l/min at 6 bar

All motors are delivered in their individual case, including the necessary tools



	Product Code	Tube cutting machine for following diameters (in mm):		Net weight	Customs Code	Dimensions (HxLxw in mm)
		With basic jaws	With extra jaws (included)			
120V 1200W fast motor	421FS19	Ø350 - Ø422	Ø212 - Ø352	186 kg	84615 09000	802x838x315
	521FS19	Ø450 - Ø522	Ø312 - Ø452	223 kg		905x889x315
	721FS19	Ø653 - Ø725	Ø447 - Ø654	256 kg		1104x1077x315
230V 1200W fast motor	421FS29	Ø350 - Ø422	Ø212 - Ø352	186 kg	84615 09000	802x838x315
	521FS29	Ø450 - Ø522	Ø312 - Ø452	223 kg		905x889x315
	721FS29	Ø653 - Ø725	Ø447 - Ø654	256 kg		1104x1077x315
Pneu- matic motor	421PD	Ø350 - Ø422	Ø212 - Ø352	186 kg	84615 09000	802x838x315
	521PD	Ø450 - Ø522	Ø312 - Ø452	223 kg		905x889x315
	721PD	Ø653 - Ø725	Ø447 - Ø654	256 kg		1104x1077x315
	1100	On demand				





Orbital cutting - Accessories

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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	Customs Code	Dimensions (in cm)
CCPS21	Support feet	10 kg	84669 37000	103 x 32 x 11

Support legs for orbital cutting machine:

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

81	✓121ECO	✓171ECO	✓122	✓172	✓222	✓322	421	521	721	1100
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Product Code	Description	Net Weight	Customs Code	Dimensions (in cm)
CCSER1	Simple stand	10 kg	84669 37000	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	Customs Code	Dimensions (in cm)
CCSER2	Stand (with chrome steel bearings)	11 kg	84669 37000	60 x 26 x 10

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

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

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



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.



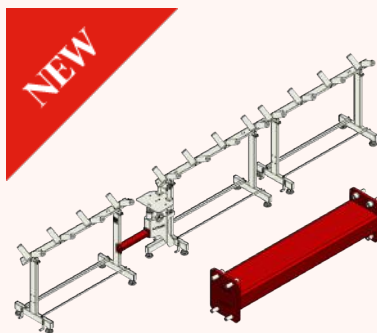
Product Code	Description	Net Weight	Customs Code	Dimensions (in cm)
CCBSB-X1	Bench with height adjustment	57 kg	84669 37000	184 x 95 x 51
<u>Height-adjustable support bench, 1.5m</u>				
<ul style="list-style-type: none"> - stainless steel rollers - handle for height adjustment - 1.5 m long - maximum 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	Customs code	Dimensions (in cm)
CCBSB-X2	Additional 1.5 m bench	38 kg	84669 37000	150 x 95 x 51
<u>Additional support bench:</u>				
<ul style="list-style-type: none"> - 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	Customs Code	Dimensions (in mm)
CCBSB-B005	Connection	3 kg	84669 37000	100 x 80 x 402
<u>Connecting bar for CCBSB-X1 and CCBSB- X2:</u>				
<ul style="list-style-type: none"> - 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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NEW

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.

They can be assembled on the **feed-in or feed-out** section of the cutting machine and are available **with a ruler or with an LCD display**.

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)

- 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%



Feed-out assembly



Feed-in assembly

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



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

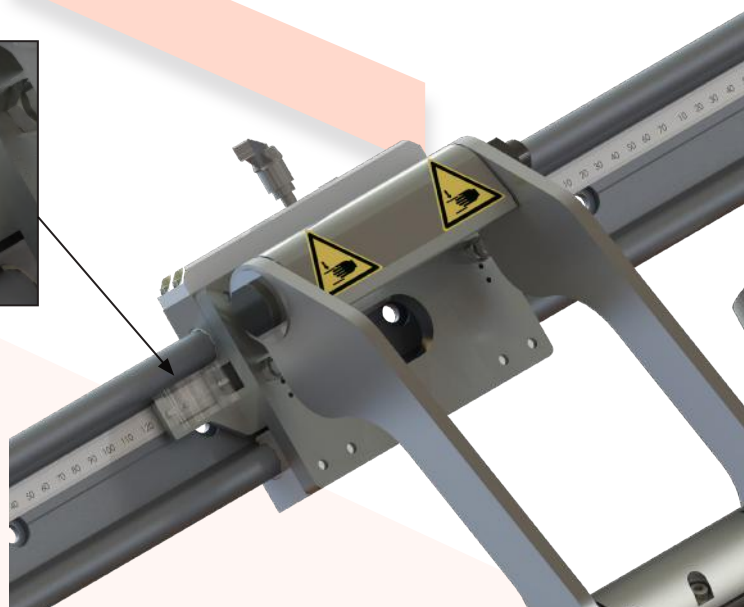
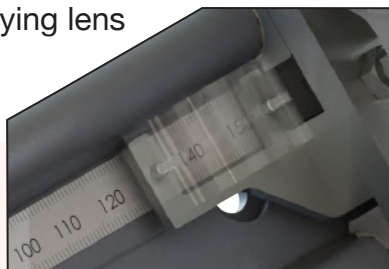
Orbital Cutting - Accessories (End stop)

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Ruler

Ruler in mm

- Equipped with a magnifying lens
- Resolution 1.0 mm



LCD display

- Resolution 0.1 mm

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.



17



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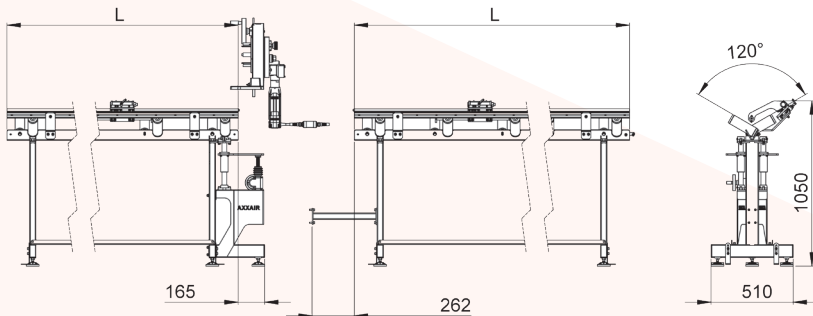
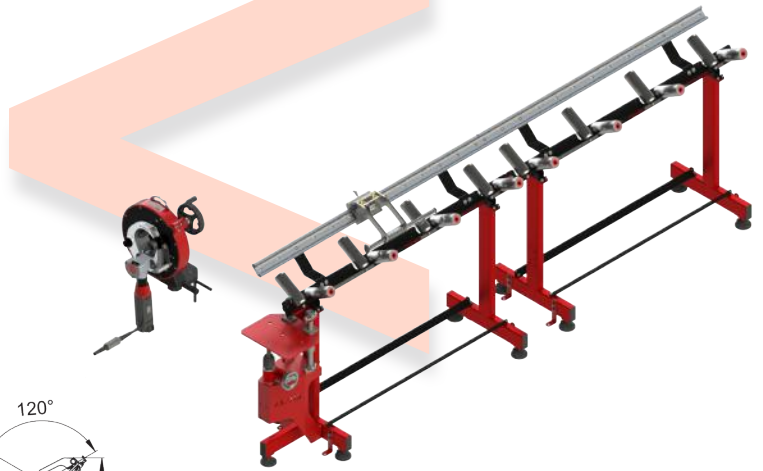
NEW

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	Customs code				
on the feed-in section of the cutting line	Ruler	1500	1300	CCBSB-AM-R-15	65 kg	84669 37000				
		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	84669 37000				
		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 CCBSB-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).



Join **experience**





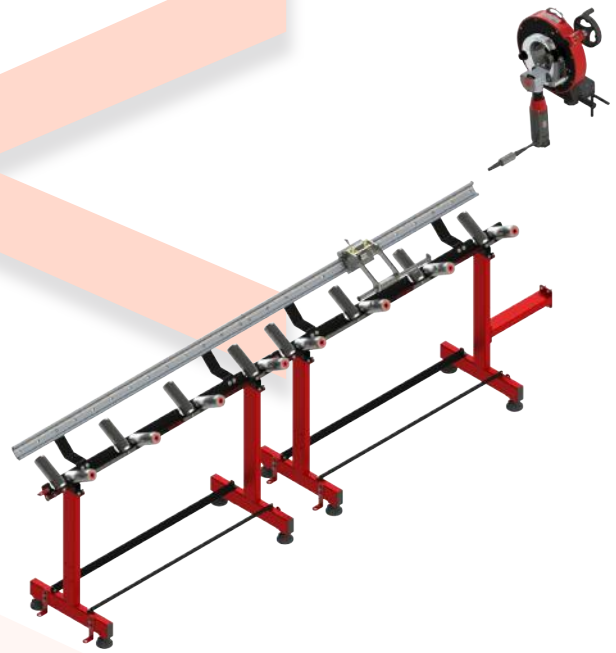
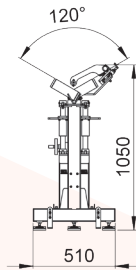
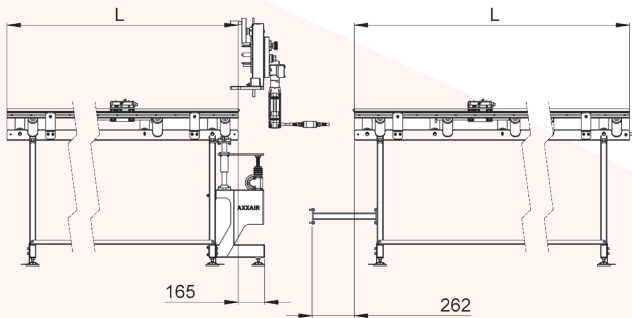
NEW

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	Customs code
on the feed-out section of the cutting line	Ruler	1500	1300	CCBSB-AV-R-15	46 kg	84669 37000
		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	84669 37000
		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
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Orbital cutting - Accessories

AXXAIR

INNOVATIVE ORBITAL SOLUTIONS

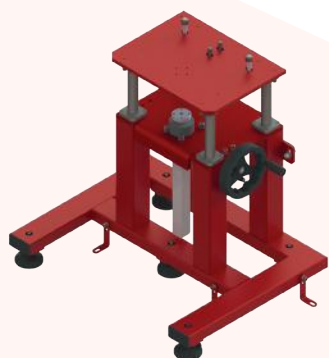
Our support benches help you to position and feed your tubes without the aid of stands.

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



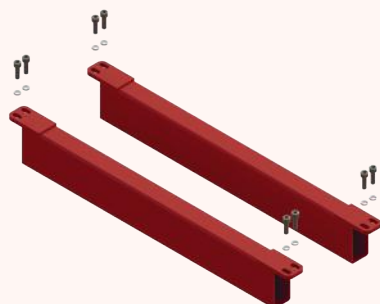
Product Code	Description	Net weight	Customs Code	Dimensions (in mm)
CCBSB2-003	Height-adjustable table	53.5 kg	84669 37000	
Height-adjustable table for 422 / 521 / 721:				
- adjustable table height		- optimum stability		

81	121ECO	171ECO	122	172	222	322	✓421	✓521	✓721	1100
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Product Code	Description	Net Weight	Customs Code	Dimensions (in mm)
CCBSB2-004	Support bench	72.8 kg	84669 37000	
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	Code douanier	Dimensions (en mm)
CCBSB2-005	Connecting bar	6.5 kg	84669 37000	
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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Orbital cutting - Accessories

AXXAIR

INNOVATIVE ORBITAL SOLUTIONS

New autoline electric inverter:

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 or French
- choose the unit of measure: mm or inch

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

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

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

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



Product Code	Description	Net Weight	Customs Code	Dimensions (in mm)
SAEX-00	Autoline electric inverter	6.3 kg	8515 900090	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	Customs Code	Dimensions (in mm)
SAEX-000	Autoline electric inverter	6.3 kg	8515 900090	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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Join **experience**





Orbital cutting - Accessories



Orbital cutting blades

Customs Code: 8202310000

High quality blades (HSS + Cobalt) sold in boxes of 5

-The tooth pitch & design are essential for chip evacuation, in order to achieve a high quality cut. AXXAIR has produced the most efficient blade design possible for various cutting applications.

-Often preferred to our competitors' blades, AXXAIR blades are compatible with the majority of other orbital cutting machines.

Product Code	Cutting tubes with wall thickness of		ø of the blade	Number of teeth
LS63128	0,5 to 0,9 mm	,02 - ,04"	63 mm	128
LS63100	0,7 to 1,5 mm	,03 - ,06"	63 mm	100
LS6364	1 to 3 mm	,04 - ,12"	63 mm	64
LS6872	1 to 3 mm	,04 - ,12"	68 mm	72
LS6844	2 to 7mm	,08- ,28"	68 mm	44
LS8080	1 to 3 mm	,04 - ,12"	80 mm	80
LS8054	2 to 7 mm	,08- ,28"	80 mm	54

✓81	✓121ECO	✓171ECO	✓122	✓172	✓222	✓322	✓422	✓521	✓721	✓1100
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Product Code	Description	Volume	Customs Code
CCLUH	Liquid lubricant	250 ml	3403198000

High performance oil lubricant, sold in packs of 5:

- Recommended for all FS cutting motors
- Safety data sheet available on request

81	121ECO	171ECO	✓122	✓172	✓222	✓322	✓422	✓521	✓721	✓1100
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Product Code	Description	Volume	Customs Code
CCLUP	Paste lubricant	250 ml	3403198000

Paste lubricant, sold in packs of 5 lubricants-tubes:

- Recommended for metabo motors
- Safety data sheet available on request

✓81	✓121ECO	✓171ECO	122	172	222	322	422	521	721	1100
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1 machine - 3 applications

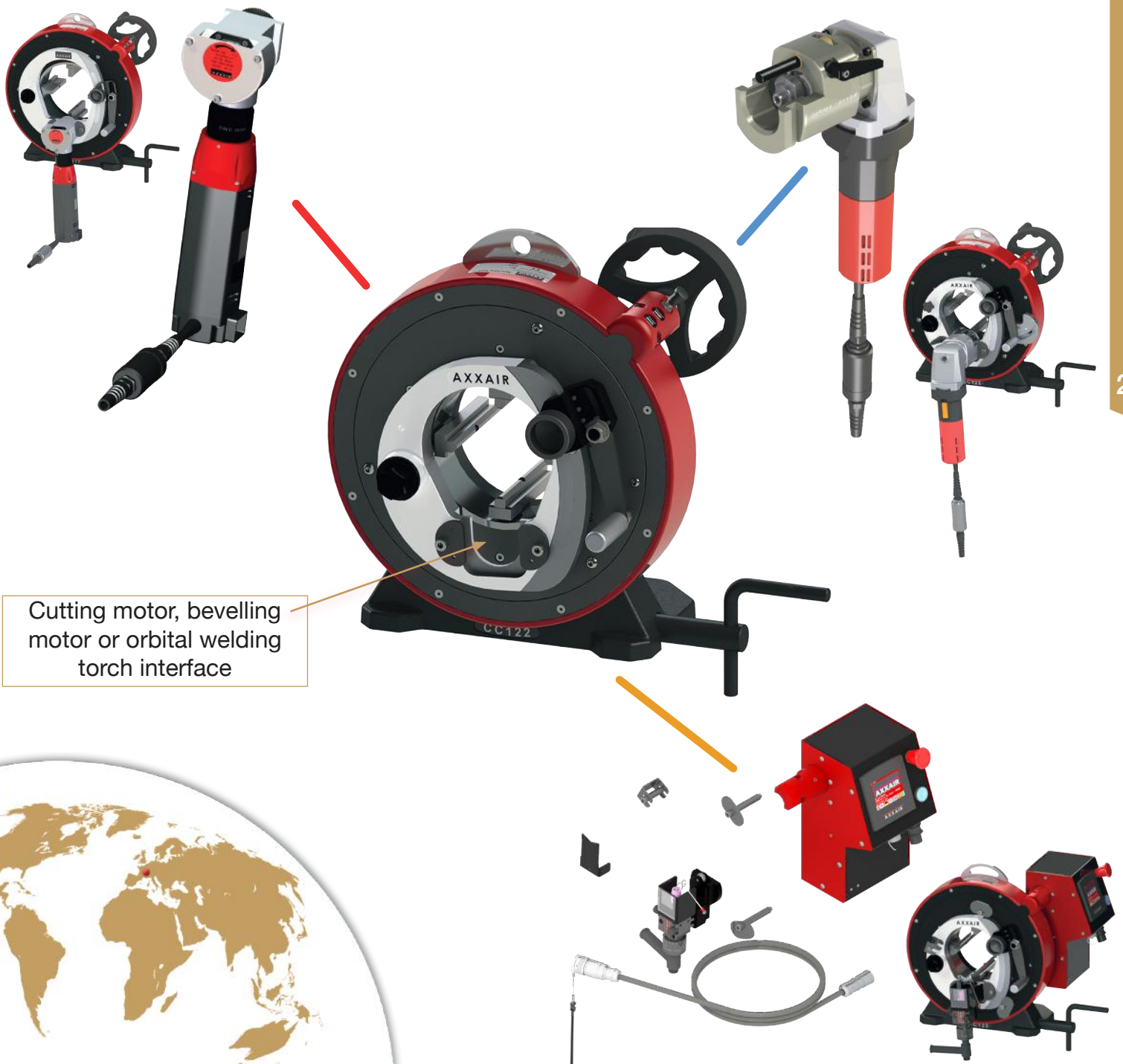
AXXAIR
INNOVATIVE ORBITAL SOLUTIONS

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.



Cutting motor, bevelling motor or orbital welding torch interface

A machine - 3 applications

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INNOVATIVE ORBITAL SOLUTIONS



Product Code	Description	Net weight	Customs Code
FS xx / MOPD	Cutting motor	5 kg	8466937000

Low-speed / high-speed / pneumatic motor with dual output (uptake):

	Product Code	Frame
120V	Low-speed motor: FS15	122
	High-speed motor: FS19	172
230V	Low-speed motor: FS25	222
	High-speed motor: FS29	322
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 the information you need, with the relevant product codes, appears in the orbital cutting accessories and consumables section of this catalogue.



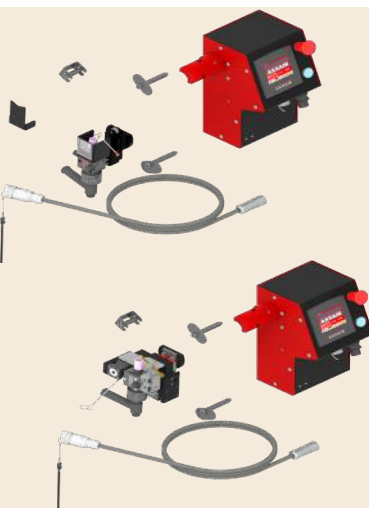
Product Code	Description	Net Weight	Customs Code
GA10 - x - xx	Bevelling motor kit	5 kg	8466937000

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

	Product Code	Frame		Product Code	Frame
120V	GA10-1-120	122	230V	GA10-2-120	122
	GA10-1-170	172		GA10-2-170	172
	GA10-1-220	222		GA10-2-220	222
	GA10-1-320	322		GA10-2-320	322

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

All the information you need, with the relevant product codes, appears in the orbital bevelling accessories and consumables section of this catalogue. ("thick" catalogue)



Product Code	Description	Net Weight	Customs Code
SX - KIT x	Torch kit	depending on the chosen product	8466937000

KIT for upgrading a CC/GA to an SX Air / Water / AVC+OSC torch

Cooling	Product Code	Frame
AIR	SX-2KITA	122
	SX-2KITE	172
Water	SX-2KIT-NAOF (AVC/OSC)	222
		322

To use this KIT and to prefab weld, you will need to order: a suitable AXXAIR welding generator for the tubes you want to weld. All the information you need, with the relevant product codes, appears in the orbital welding section of this catalogue.

