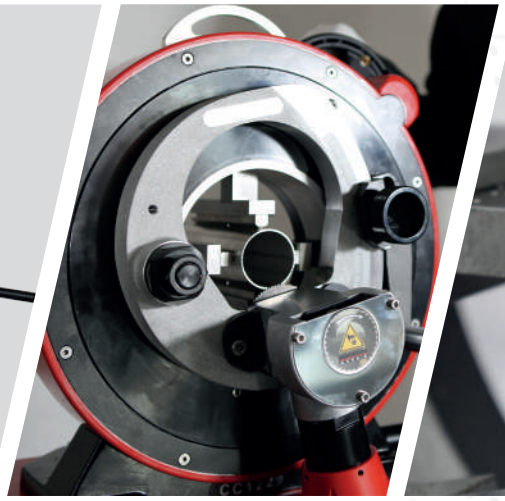
CC RANGE - CC122 / CC172 / CC222 / CC322 ORBITAL CUTTING MACHINES

0.25 - 12.750" o/d / 5 - 328 mm o/d







SCAN QR CODE TO WATCH VIDEO

AXXAIR
AN ESPE GROUP BRAND

Daonte
Tecnología Metalmecánica

www.AXXAIR.com

0.25 - 12.750" o/d / 5 - 328 mm o/d



- **Functions:** Orbital tube/pipe cutting (can be transformed into a bevelling or a welding machine)
- **Materials:** Any type of steel and exotic alloy
- **Power:** Pneumatic or electric 1200 W (110V or 220V)

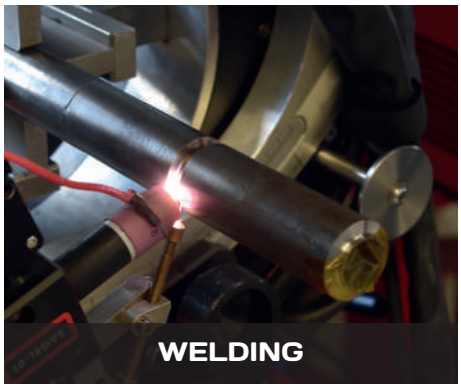
During **orbital cutting** a saw blade rotates around the tube to perform the cut, delivering a square cut while maintaining the roundness of the tube. There is no distortion due to cutting forces, as the blade follows the tube section.

AXXAIR's CC range of orbital cutting machines offers not only the ***largest orbital cutting range*** in the world: from 0.25" / 5 mm up to 40" / 1,016 mm, but also unrivaled versatility, flexibility, productivity and efficiency. The cutting capacity goes up to 15 mm / 0.6".

The CC range's machines' bodies offer a high level of modularity. By only setting two screws, conversion kits can be mounted onto the body, allowing the operator to use the CC range's machines for ***three applications: tube cutting, bevelling and welding***.


CUTTING

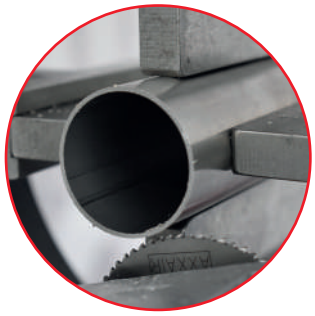

BEVELLING


WELDING

FEATURES AND ADVANTAGES

AXXAIR CC's range (powered by a standard or fast electrical or pneumatic motor) consists of a stainless-steel concentric clamping system with a large number of contact points, increasing the cutting range and quality and avoiding tube distortion. The stainless steel jaws guarantee protection from contamination of the tube. The distinctive rotation wheel offers a smooth rotation, increasing the life time of the cutting blade and the cutting quality. Optionally, an automatic rotation and clamping system can be fitted on the CC range, allowing for higher and faster repeatability and productivity. The penetration lever engages the saw blade for effortless and consistent penetration and cutting of the tube, extending the blade life and improving safety and ease of operation. The short blade to jaws distance reduces vibration, extends the blade life and improves cutting quality. AXXAIR offers a wide range of high quality blades performing burr-free square cuts (< 0.25 mm / 0.01" perpendicularity precision) and lubricant oil and paste. The CC models can be fitted with support benches for longer tubes and conversion kits to allow for three different operations: cutting, bevelling and welding.









MODELS AND POWER OPTIONS

CC122



TUBE O/D RANGE:
0.25 - 4.5" / 5 - 119 mm

CC172



TUBE O/D RANGE:
0.625 - 6.625" / 16 - 173 mm

CC222



TUBE O/D RANGE:
2.375 - 8.625" / 55 - 228 mm

CC322



TUBE O/D RANGE:
5.563 - 12.750" / 141 - 328 mm

ELECTRIC
STANDARD MOTOR (110V/220V)



PART NO. XXXFS15/FS25 *

ELECTRIC
FAST MOTOR (110V/220V)



PART NO. XXXFS19/FS29 *

PNEUMATIC



PART NO. XXXPD *

* XXX = MODEL NO. 122 / 172 / 222 / 322

ACCESSORIES AND OPTIONS

TRIPOD STAND



PART NO. CCPS21

SUPPORT BENCHES



PART NO. CCBSB-X1
PART NO. CCBSB-X2

SUPPORT BENCHES
WITH END STOP SYSTEM



PART NO. CCBSB-XX-X-XX **

AUTOMATIC ROTATION



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

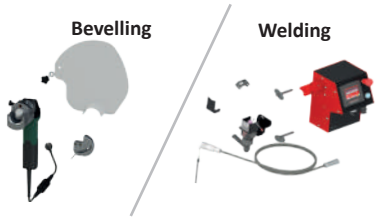
PART NO. SAEX-00

AUTOMATIC ROTATION & CLAMPING SYSTEM



PART NO. XXX-AU

CONVERSION KITS



PART NO. GA10-M1-XXX / SX-2KITX **
PART NO. GA10-M2-XXX / SX-3KITX **

* XXX = MODEL NO. 122 / 172 / 222 / 322
** REFER TO: ORBITAL CUTTING & BEVELLING MACHINES ACCESSORIES & CONSUMABLES

CC RANGE TECHNICAL FEATURES

* depending on type of saw blade used and tube material

DESCRIPTION	MEASUREMENT	CC122			CC172		
Power		Electric standard motor	Electric fast motor	Pneumatic	Electric standard motor	Electric fast motor	Pneumatic
Part No.	n/a	122FS15 122FS25	122FS19 122FS29	122PD	172FS15 172FS25	172FS19 172FS29	172PD
Diameter range	mm (o/d)	5 - 119			16 - 173		
Diameter range	inch (o/d)	0.25 - 4.5			0.625 - 6.625		
Cutting capacity *	mm / inch	up to 15 / 0.6"	up to 15 / 0.6"	up to 15 / 0.6"	up to 15 / 0.6"	up to 15 / 0.6"	up to 15 / 0.6"
Blade rotational speed	rpm	30 - 75	95 - 280	60 - 110	30 - 75	95 - 280	60 - 110
Electric motor power	watt	1200	1200	n/a	1200	1200	n/a
Voltage	volt	110 or 220	110 or 220	n/a	110 or 220	110 or 220	n/a
Frequency	Hz	50 / 60	50 / 60	n/a	50 / 60	50 / 60	n/a
Air working pressure	psi / bar	n/a	n/a	43.5 - 87 / 3 - 6	n/a	n/a	43.5 - 87 / 3 - 6
Max acoustic radiation	dB	90	90	95	90	90	95
Vibration level	m/s^2	<2.5	<2.5	n/a	<2.5	<2.5	n/a
Unit weight	kg / lbs	44 / 97	44 / 97	44 / 97	51 / 112	51 / 112	51 / 112
Machine dimensions	mm	443 x 541 x 304 mm			493 x 566 x 304 mm		
Machine dimensions	inch	17.44 x 21.29 x 11.96"			19.40 x 22.28 x 11.96"		
Packing dimensions	mm	630 x 450 x 720			630 x 450 x 720		
Packing dimensions	inch	24.80 x 17.72 x 28.35”			24.80 x 17.72 x 28.35”		
Packing weight	kg / lbs	62 / 136.7			68 / 150		

DESCRIPTION	MEASUREMENT	CC222			CC322		
Power		Electric standard motor	Electric fast motor	Pneumatic	Electric standard motor	Electric fast motor	Pneumatic
Part No.	n/a	222FS15 222FS25	222FS19 222FS29	222PD	322FS15 322FS25	322FS19 322FS29	322PD
Diameter range	mm (o/d)	55 - 228			141 - 328		
Diameter range	inch (o/d)	2.375 - 8.625			5.563 - 12.750		
Cutting capacity *	mm / inch	up to 15 / 0.6"	up to 15 / 0.6"	up to 15 / 0.6"	up to 15 / 0.6"	up to 15 / 0.6"	up to 15 / 0.6"
Blade rotational speed	rpm	30 - 75	95 - 280	60 - 110	30 - 75	95 - 280	60 - 110
Electric motor power	watt	1200	1200	n/a	1200	1200	n/a
Voltage	volt	110 or 220	110 or 220	n/a	110 or 220	110 or 220	n/a
Frequency	Hz	50 / 60	50 / 60	n/a	50 / 60	50 / 60	n/a
Air working pressure	psi / bar	n/a	n/a	43.5 - 87 / 3 - 6	n/a	n/a	43.5 - 87 / 3 - 6
Max acoustic radiation	dB	90	90	95	90	90	95
Vibration level	m/s^2	<2.5	<2.5	n/a	<2.5	<2.5	n/a
Unit weight	kg / lbs	59 / 130	59 / 130	59 / 130	71 / 157	71 / 157	71 / 157
Machine dimensions	mm	548 x 594 x 304 mm			649 x 644 x 304 mm		
Machine dimensions	inch	21.57 x 23.38 x 11.96"			25.55 x 25.35 x 11.96"		
Packing dimensions	mm	1,000 x 570 x 870			1,000 x 570 x 870		
Packing dimensions	inch	39.37 x 22.44 x 34.25			39.37 x 22.44 x 34.25		
Packing weight	kg / lbs	87 / 192			100 / 220		

Our group policy is one of continuous improvement. Products and data tables are subject to change and may vary from those illustrated.





- Each machine is supplied in a wooden crate
- All motors are supplied in their own individual cases, including the necessary tools for operating the machine