

AXXAIR

ORBITAL CUTTING



MADE IN FRANCE

GLOBAL PROCESS

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Ø 5 to Ø 78 mm

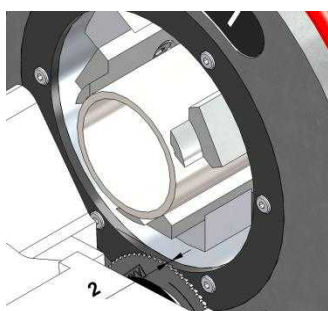


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Technical characteristics:

- Ø 5 to 78 mm: very **wide range** of use
- **Cutting precision:**
 - perpendicular cuts < 0.25 mm
 - seamless cutting
- **Weight:** 15 kg (easy handling)
- Ideal for use at **worksites**

ADVANTAGES



Blade-jaws distance of
2 mm
Limits vibration and
distortion with thin and
small-diameter tubes



Concentric clamping
with **3 jaws in stainless
steel** to eliminate tube
distortion

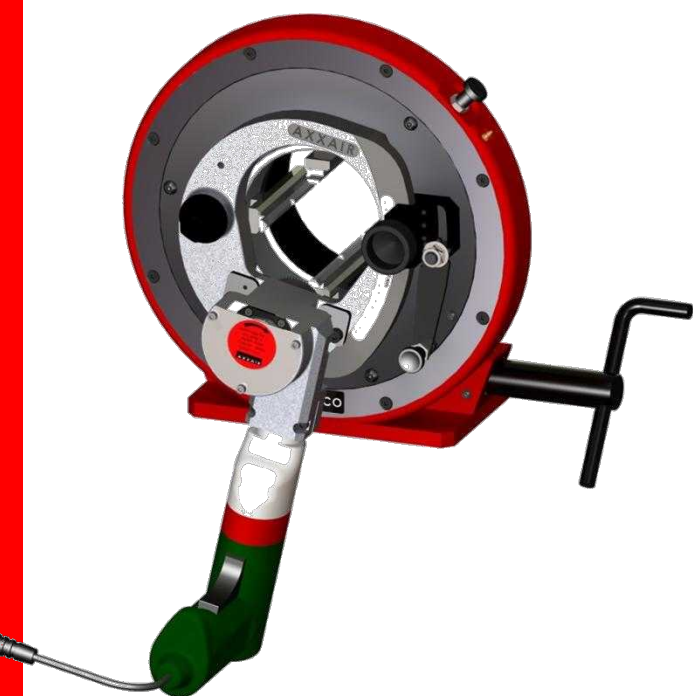


Worksite carry case

Accessories	Motors	References	Consumables
CCSER1: simple stand	M21: Kress 220 V Thicknesses < 7 mm	81M21	LS6872: 1 to 3 mm
CCSER2: stand with bearings	M11: Metabo 110 V Thicknesses < 7 mm	81M11	LS6844: 2 to 7 mm
			LS63100: 0.7 to 1.5 mm CCLUP: paste lubricant

Ø 5 to Ø 121 mm

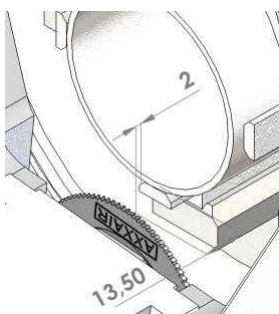
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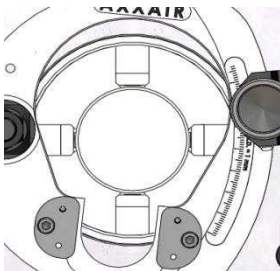
Technical characteristics:

- Basic jaws Ø 24 to Ø 121 mm
- Additional jaws Ø 5 to Ø 108 mm
- **Cutting precision:**
perpendicular cuts < 0.25 mm
- Dual-output cutting motor with 2 blade positions for uptake
- **Weight: 36 kg** (easy handling)

ADVANTAGES



Blade-jaw distance of **2/13.5 mm**
Limits vibration and tube distortion



Concentric clamping with **4 jaws in stainless steel, standard**, to eliminate tube distortion



Penetration check feature:
operator safety feature

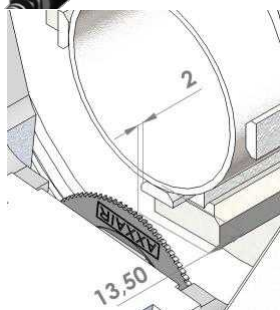
Accessories	Motors	References	Consumables
CCPS21: support feet	MD21: Métabo 1010 W, 220 V, Thickness < 7 mm	121ECO2	LS6872: 1 to 3 mm
CCBSB-01: bench with height adjustment - 1.5 m	MD11: Métabo 1010 W, 110 V, Thickness < 7 mm	121ECO1	LS6844: 2 to 7 mm
CCBSB-02: additional 1.5 m bench			LS63100: 0.7 to 1.5 mm
CCDT: extended penetration lever			CCLUP: paste lubricant
CCSER1/CCSER2: simple/bearing stand			

$\varnothing$ 5 to $\varnothing$ 121 mm

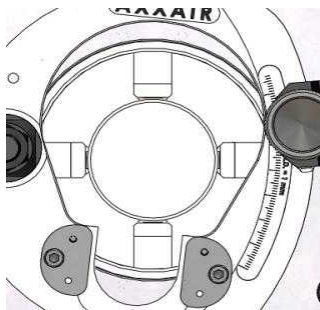
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Technical characteristics:

- Basic jaws $\varnothing$ 24 to $\varnothing$ 121 mm
- Additional jaws $\varnothing$ 5 to $\varnothing$ 108 mm
- **Cutting precision:**
perpendicular cuts < 0.25 mm
- **Scalability:** May be transformed into a bevelling and orbital welding machine
- Dual-output cutting motor with 2 blade positions for uptake
- **Weight:** 37 kg (easy handling)

ADVANTAGES

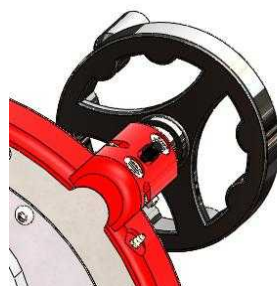
Blade-jaw distance of **2/13.5** mm. Limits vibration and tube distortion



Concentric clamping with 4 jaws in **stainless steel, standard**, to eliminate tube distortion



Motors:
slow, fast,
pneumatic



Rotation handle as **standard**: extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
CCPS21: support feet	FS29: 220 V Thicknesses SS < 5 mm	121FS29	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
CCBSB-01: bench with height adjustment - 1.5 m	FS19: 110 V Thicknesses SS < 5 mm	121FS19	LS8080: 1 to 3 mm LS8054: 2 to 7 mm
CCBSB-02: additional 1.5 m bench	FS25: 220 V Thicknesses SS > 5 mm	121FS25	LS8034: 5 to 12 mm
CCDT: extended penetration lever	FS15: 110 V Thicknesses SS > 5 mm	121FS15	LS9038: 5 to 15 mm
SAEA: electric rotation	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	121PD	LS63100: 0.7 to 1.5 mm CCLUH: lubricant
CCSER1/CCSER2: simple/bearing stand			

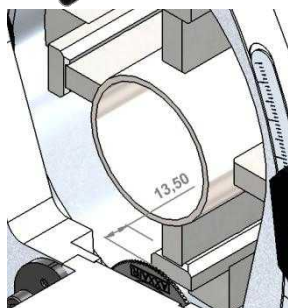
Ø16 to Ø 170 mm

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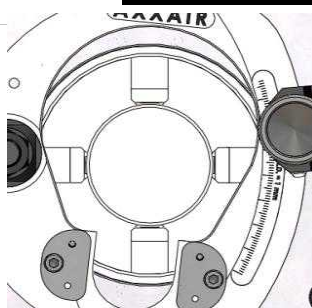

Technical characteristics:

- Basic jaws Ø 70 to Ø 170 mm
- Additional jaws Ø 16 to Ø 118 mm
- **Cutting precision:** perpendicular cutting < 0.25 mm
- **Scalability:** may be transformed into a bevelling and orbital welding machine
- Dual-output cutting motor with 2 blade positions for uptake
- **Weight:** 44 kg (easy handling)

ADVANTAGES



Blade-jaws distance of **13.5 mm**
Limits vibration and tube distortion



Concentric clamping with 4 jaws in **stainless steel, standard**, to eliminate tube distortion



Motors: slow, fast, pneumatic



Rotation handle as **standard**: extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
CCPS21: support feet	FS29: 220 V Thicknesses SS < 5 mm	171FS29	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
CCBSB-01: bench with height adjustment - 1.5 m	FS19: 110 V Thicknesses SS < 5 mm	171FS19	LS8080: 1 to 3 mm LS8054: 2 to 7 mm
CCBSB-02: additional 1.5 m bench	FS25: 220 V Thicknesses SS > 5 mm	171FS25	LS8034: 5 to 12 mm
CCDT: extended penetration lever	FS15: 110 V Thicknesses SS > 5 mm	171FS15	LS9038: 5 to 15 mm
SAEA: electric rotation	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	171PD	LS63100: 0.7 to 1.5 mm CCLUH: lubricant
CCSER1/CCSER2: simple/bearing stand			

Ø59 to Ø 225 mm

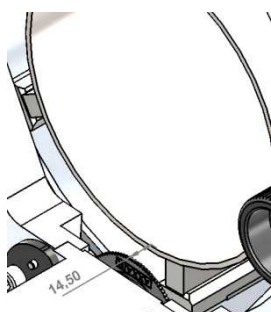
**AXXAIR**

Technical characteristics:

- Basic jaws Ø 116 to Ø 225 mm
- Additional jaws Ø 59 to Ø 169 mm
- **Cutting precision:** perpendicular cutting < 0.25 mm
- Dual-output cutting motor with 2 blade positions for uptake
- **Scalability:** may be transformed into a bevelling and orbital welding machine

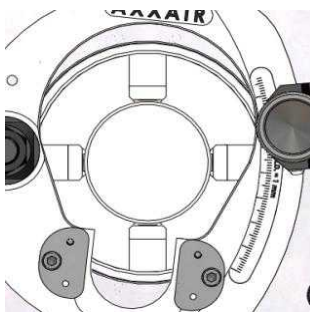
• **Weight:** 51 kg (easy handling)

ADVANTAGES



Blade-jaws distance of **14.5 mm**

Limits vibration and tube distortion



Concentric clamping with **6 jaws in stainless steel, standard**, to eliminate tube distortion



Choice of motors:
slow, fast, pneumatic



Rotation handle as **standard**: extends blade life and optimizes cutting quality.

Accessories	Motors	References	Consumables
CCPS21: support feet	FS29: 220 V Thicknesses SS < 5 mm	221FS29	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
CCBSB-01: bench with height adjustment - 1.5 m	FS19: 110 V Thicknesses SS < 5 mm	221FS19	LS8080: 1 to 3 mm LS8054: 2 to 7 mm
CCBSB-02: additional 1.5 m bench	FS25: 220 V Thicknesses SS > 5 mm	221FS25	LS8034: 5 to 12 mm
SAEA: electric rotation	FS15: 110 V Thicknesses SS > 5 mm	221FS15	LS9038: 5 to 15 mm
CCSER1CCSER1/CCSER2: simple/bearing stand	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	221PD	LS63100: 0.7 to 1.5 mm CCLUH: lubricant

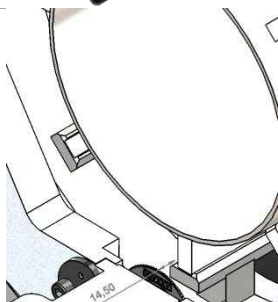
Ø140 to Ø 330 mm

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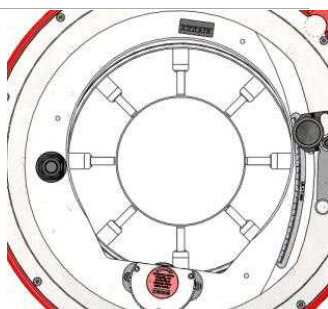
Technical characteristics:

- Basic jaws Ø 216 to Ø 330 mm
 - Additional jaws Ø 140 to Ø 256 mm
 - **Cutting precision:** perpendicular cutting < 0.25 mm
 - Dual-output cutting motor with 2 blade positions for uptake
 - **Scalability:** may be transformed into a bevelling and orbital welding machine
 - Lifting eye
-
- **Weight:** 73 kg (easy handling)

ADVANTAGES



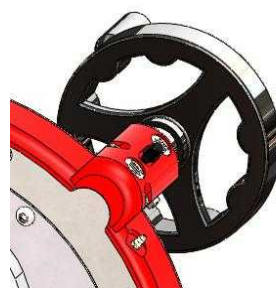
Blade-jaws distance of **14 mm**
Limits vibration and tube distortion



Concentric clamping with **8 jaws in stainless steel, standard**, to eliminate tube distortion



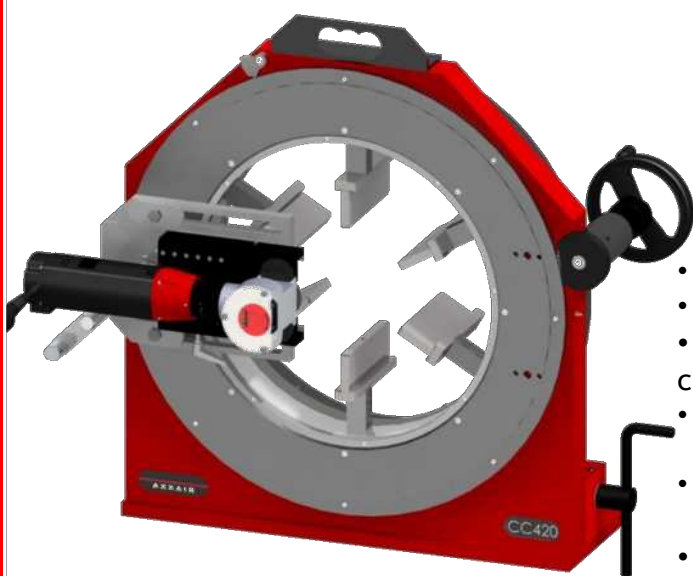
Motors:
slow, fast, pneumatic



Rotation handle as **standard:** extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
CCPS21: support feet	FS29: 220 V Thicknesses SS < 5 mm	321FS29	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
CCBSB-01: bench with height adjustment - 1.5 m	FS19: 110 V Thicknesses SS < 5 mm	321FS19	LS8080: 1 to 3 mm LS8054: 2 to 7 mm
CCBSB-02: additional 1.5 m bench	FS25: 220 V Thicknesses SS > 5 mm	321FS25	LS8034: 5 to 12 mm
SAEA: electric rotation	FS15: 110 V Thicknesses SS > 5 mm	321FS15	LS9038: 5 to 15 mm
CCSER1CCSER1/CCSER2: simple/bearing stand	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	321PD	CCLUH: lubricant

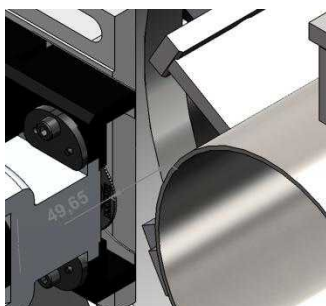
Ø 215 to Ø 420 mm

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Technical characteristics:

- Basic jaws Ø 306 to Ø 420 mm
- Additional jaws Ø 215 to Ø 320 mm
- **Cutting precision:** perpendicular cutting < 0.25 mm
- Dual-output cutting motor with 2 blade positions for uptake
- Lifting eye
- **Weight:** 148 kg

ADVANTAGES



Blade-jaws distance of **49.65 mm**
Limits vibration and tube distortion



Concentric clamping with **6 jaws in stainless steel, standard**, to eliminate tube distortion



Motors:
slow, fast, pneumatic



Rotation handle as **standard**: extends blade life and optimizes cutting quality

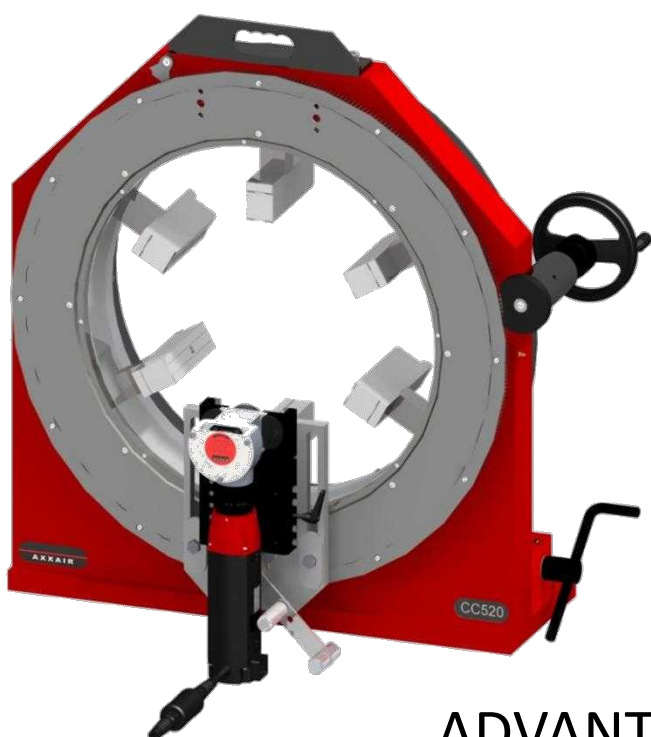
Accessories	Motors	References	Consumables
On request	FS29: 220 V Thicknesses SS < 5 mm	420FS29	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
	FS19: 110 V Thicknesses SS < 5 mm	420FS19	LS8080: 1 to 3 mm LS8054: 2 to 7 mm
	FS25: 220 V Thicknesses SS > 5 mm	420FS25	LS8034: 5 to 12 mm
	FS15: 110 V Thicknesses SS > 5 mm	420FS15	LS9038: 5 to 15 mm
	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	420PD	CCLUH: lubricant

CC520

ORBITAL CUTTING RANGE

Ø 315 to Ø 519 mm

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Technical characteristics:

- Basic jaws Ø 394 to Ø 519 mm
- Additional jaws Ø 315 to Ø 434 mm
- **Cutting precision:** perpendicular cuts < 0.4 mm
- Dual-output cutting motor with 2 blade positions for uptake
- Lifting eye
- **Weight:** 250 kg

ADVANTAGES

Blade-jaw distance of
50.5 mm
Limits vibration and
tube distortion



Concentric clamping
with **6 jaws in stainless
steel**, to eliminate tube
distortion



Choice of
motors:
slow, fast,
pneumatic



Rotation handle as
standard: extends
blade life and
optimizes cutting
quality

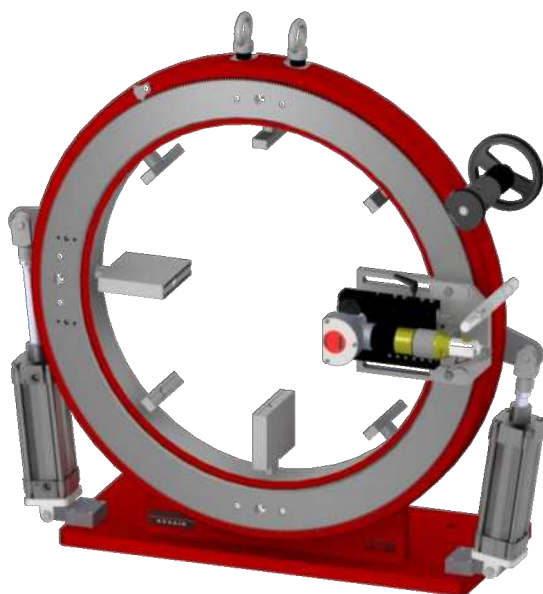
Accessories	Motors	References	Consumables
On request	FS29: 220 V Thicknesses SS < 5 mm	520FS29	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
	FS19: 110 V Thicknesses SS < 5 mm	520FS19	LS8080: 1 to 3 mm LS8054: 2 to 7 mm
	FS25: 220 V Thicknesses SS > 5 mm	520FS25	LS8034: 5 to 12 mm
	FS15: 110 V Thicknesses SS > 5 mm	520FS15	LS9038: 5 to 15 mm
	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	520PD	CCLUH: lubricant

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Ø 406 to Ø 610 mm

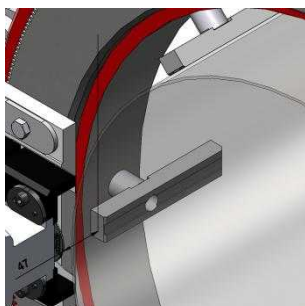


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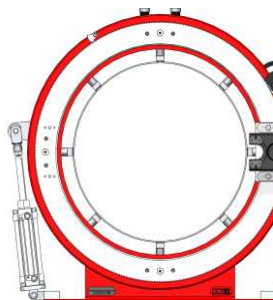
Technical characteristics:

- Basic jaws Ø 406 to Ø 610 mm
- Set of jaws supplied:
406.40, 457.2, 508, 610 mm
- **Cutting precision:** perpendicular
cutting < 0.4 mm
- Pneumatic clamping
- Lifting eye
- **Weight:** 400 kg

ADVANTAGES



Blade-jaws distance of
47 mm.
Limits vibration and
tube distortion



Concentric clamping
with **8 jaws in stainless
steel, standard,** to
eliminate tube
distortion



Pneumatic
motor



Rotation handle as
standard: extends
blade life and
optimizes cutting
quality

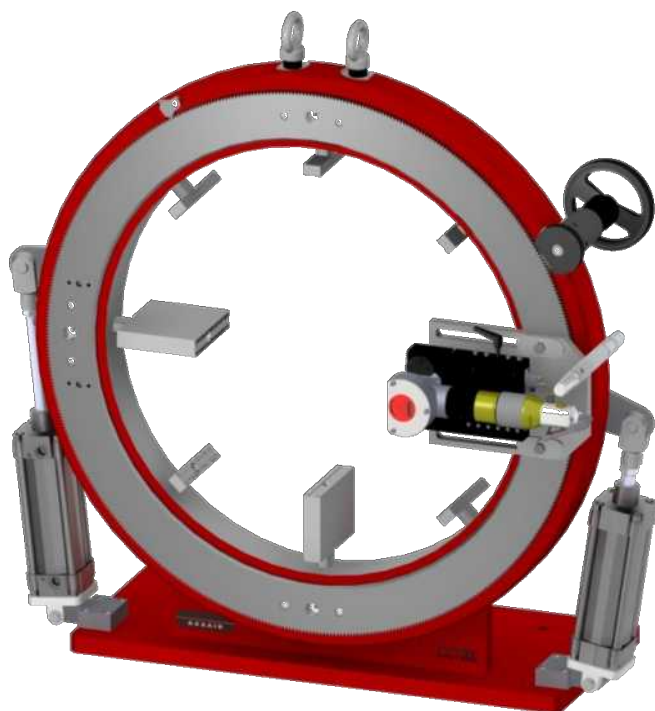
Accessories	Motors	References	Consumables
On request	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	620PD	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
			LS8080: 1 to 3 mm LS8054: 2 to 7 mm
			LS8034: 5 to 12 mm
			LS9038: 5 to 15 mm
			CCLUH: lubricant

CC720

ORBITAL CUTTING RANGE

Ø 457 to Ø 711 mm

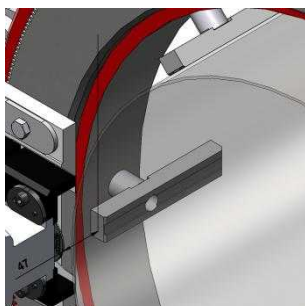
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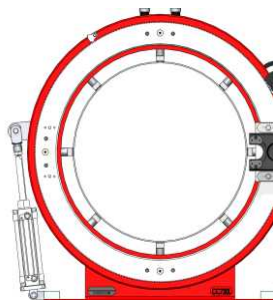
Technical characteristics:

- Basic jaws Ø 457 to Ø 711 mm
- Set of jaws supplied:
457.2, 508, 610, 711.2 mm
- **Cutting precision:** perpendicular
cutting < 0.4 mm
- Pneumatic clamping
- Lifting eye
- **Weight:** 450 kg

ADVANTAGES



Blade-jaws distance of
47 mm.
Limits vibration and
tube distortion



Concentric clamping
with **8 jaws in stainless
steel, standard,** to
eliminate tube
distortion



Pneumatic
motor



Rotation handle as
standard: extends
blade life and
optimizes cutting
quality

Accessories	Motors	References	Consumables
On request	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	720PD	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
			LS8080: 1 to 3 mm LS8054: 2 to 7 mm
			LS8034: 5 to 12 mm
			LS9038: 5 to 15 mm
			CCLUH: lubricant

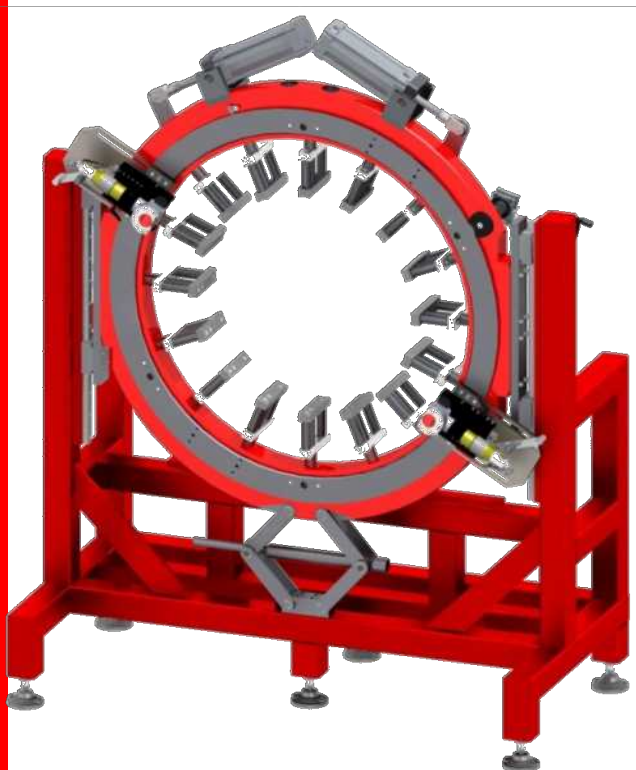
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Ø 711 to Ø 1016 mm

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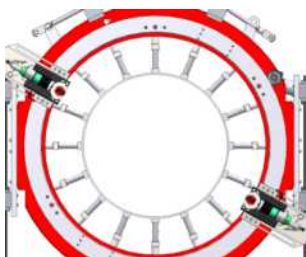
Technical characteristics:

- Basic jaws Ø 711 to Ø 1016 mm
- **Cutting precision:** perpendicular cuts < 0.4 mm
- **Weight:** 900 kg

ADVANTAGES



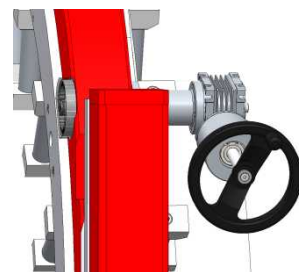
Machine height adjustment machine



Concentric clamping with **16 jaws in stainless steel, standard**, to eliminate distortion of thin tubes



Automatic pneumatic clamping



Rotation handle as standard: extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
On request	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	720PD	LS6872: 1 to 3 mm LS6844: 2 to 7 mm
			LS8080: 1 to 3 mm LS8054: 2 to 7 mm
			LS8034: 5 to 12 mm
			LS9038: 5 to 15 mm
			CCLUH: lubricant

ORBITAL CUTTING RANGE ACCESSORIES



GA10-2-XX



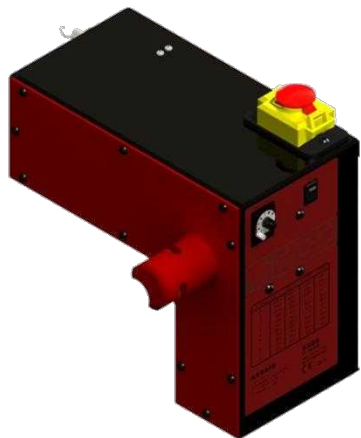
CCDT



FS XX



MOPD



SAEA

Accessories	Motors	Options
CCDT: extended penetration lever	FS29: 220 V FS19: 110 V	SAEA: electric rotation
	FS25: 220 V FS15: 110 V	GA10-2-120: 220 V GA10-2-170: 220 V GA10-2-220: 220 V GA10-2-320: 220 V
	MOPD: pneumatic	GA10-1-120: 110 V GA10-1-170: 110 V GA10-1-220: 110 V GA10-1-320: 110 V



CCPS21



CCBS-01



CCBS-02



CCSER1



CCSER2

Accessories

CCPS21: support feet for CC81 to CC321

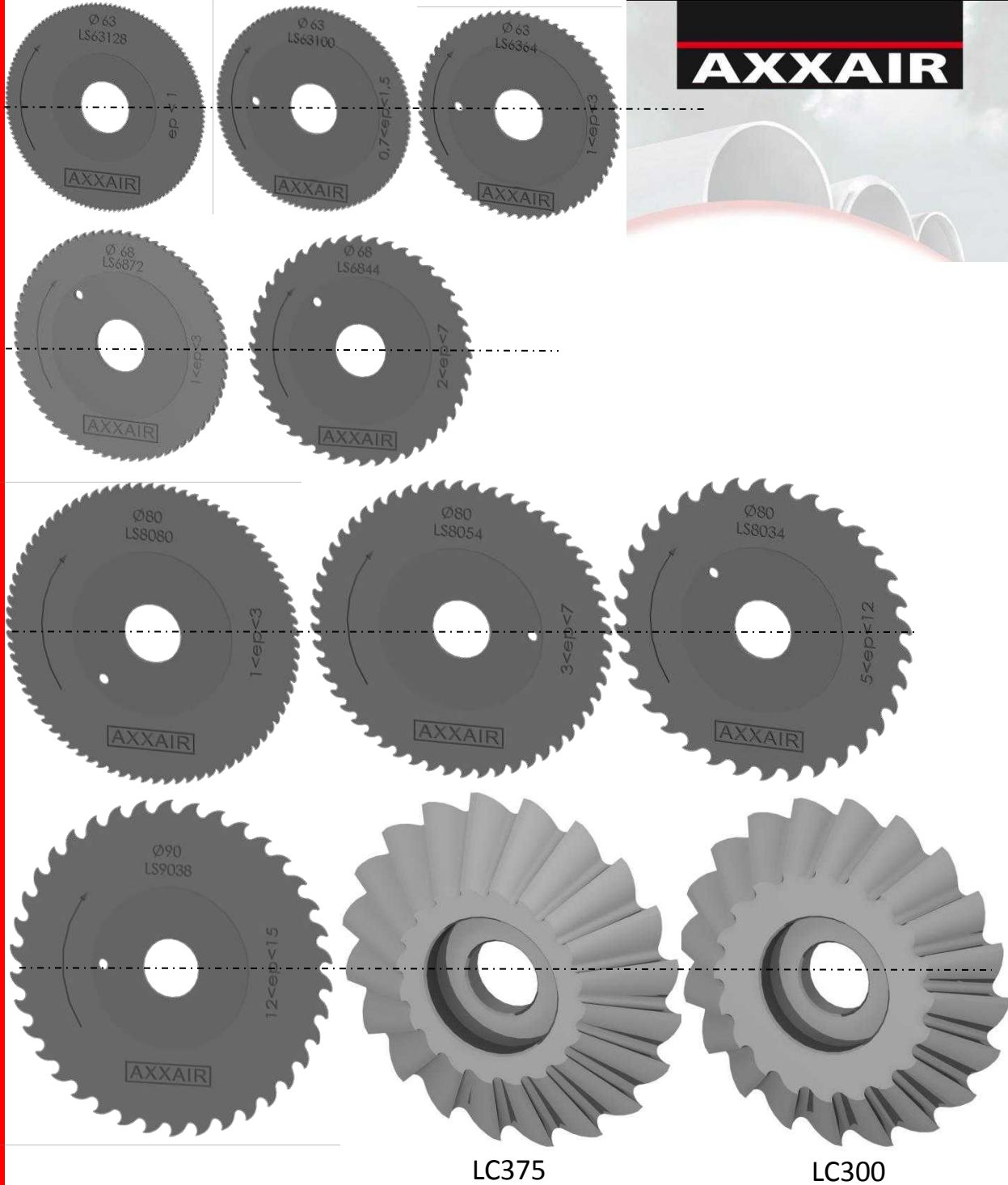
CCBS-01: bench with height adjustment of 1.5 m for CC81 to CC321

CCBS-02: additional 1.5 m bench for CC81 to CC321

CCSER1: simple stand

CCSER2: bearing stand

ORBITAL CUTTING RANGE CONSUMABLES



Ref./Description	Ref./Description
LS63128: from 0.5 to 0.9 mm LS63100: from 0.7 to 1.5 mm	LC300: 30° bevelling blade
LS6364: from 1 to 3 mm LS6872: from 1 to 3 mm	LC375: 37.5° bevelling blade
LS6844: from 2 to 7 mm LS8034: from 5 to 12 mm	
LS8054: from 2 to 7 mm LS8080: from 1 to 3 mm	
LS9038: from 5 to 15 mm	



CCLUH

Chemical nature

PREPARATION :
Product manufactured with highly refined mineral oils containing less than 3% PAH according to IP 346 method

Substances presenting a health hazard	EC No.	CAS No.	Content	Symbol(s)	R-phrases
Distillates (petroleum), hydrotreated heavy naphthenic	265-155-0	64742-52-5	≤50 %	-	
Chlorinated paraffin, C14-C28	264-150-0	63449-39-8	≤50 %	-	

SEE SECTION 16 FOR EXPLANATIONS OF R-PHRASES

Composition comments

Dangerous impurities:
None known under normal use conditions.

Risk phrases

None

Safety phrases

None

Other

Safety data sheet available for professional user on request.

Ingrédients dangereux: PETROLEUM PARAFFIN WAX 15-30%
• PARAFFINIC MINERAL OIL 5-15%
EINECS: 265-096-0 CAS: 64741-95-3

Symboles des risques: Aucun danger important.

Phrases R: Aucun

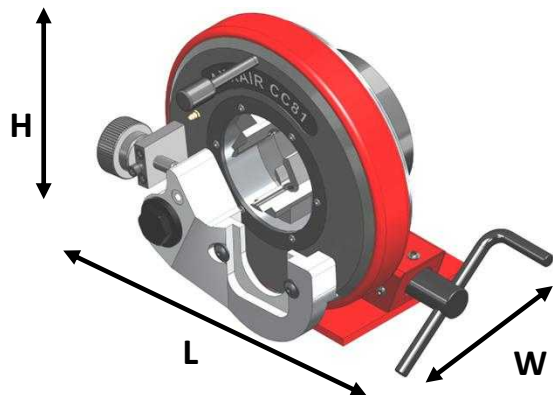
Phrases S: Aucun



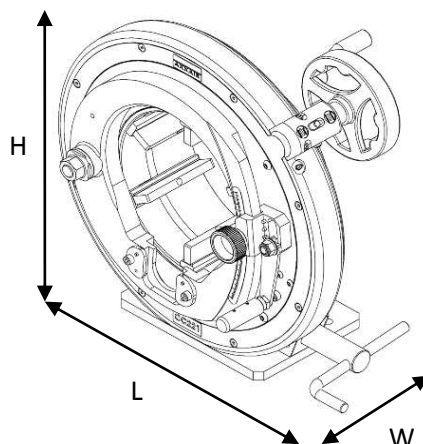
CCLUP

References	References	Options
CCLUH: hi-performance liquid lubricant		
CCLUP: paste lubricant for use with M21 and M11		

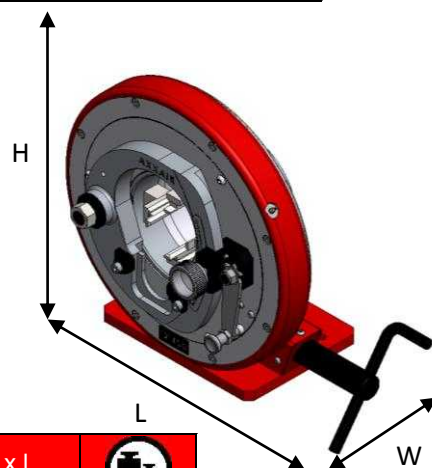
ORBITAL CUTTING RANGE CC DIMENSIONS



	Ø min	Ø max	Ep mm	H x L x l Mm	
CC81	5 mm 1/16"	78 mm 2 1/2"	0.5 à 7	263x346x236	15 kg

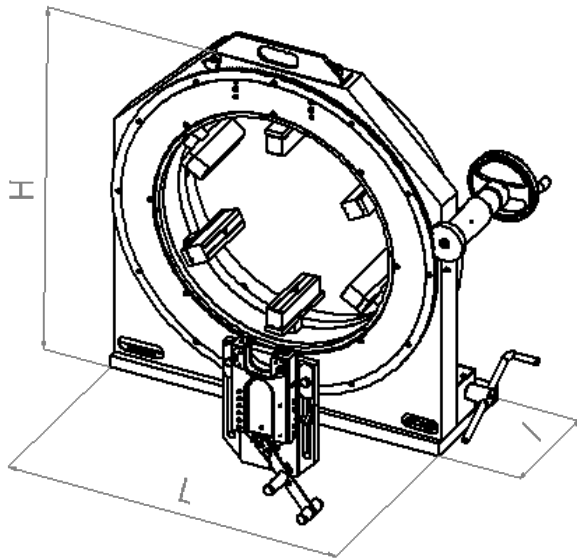


	Ø min	Ø max	Ep mm	H x L x l Mm	
CC121	5 mm 1/16"	121 mm 4.5"	0.7 à 15	432x520x297	37 kg
CC171	16 mm 3/8"	170 mm 6"	0.7 à 15	474x545x297	44 kg
CC221	59 mm 2"	225 mm 8"	1 à 15	515x570x320	51 kg
CC321	140 mm 5"	330mm 12"	1.5 à 15	674x636x320	73 kg

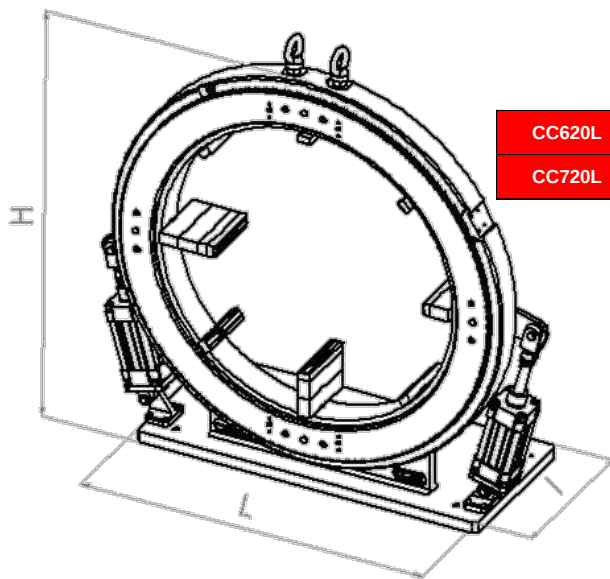


	Ø min	Ø max	Ep mm	H x L x l Mm	
CC121ECO	5 mm 1/16"	121 mm 4.5"	0.5 à 7	432x520x297	36 kg

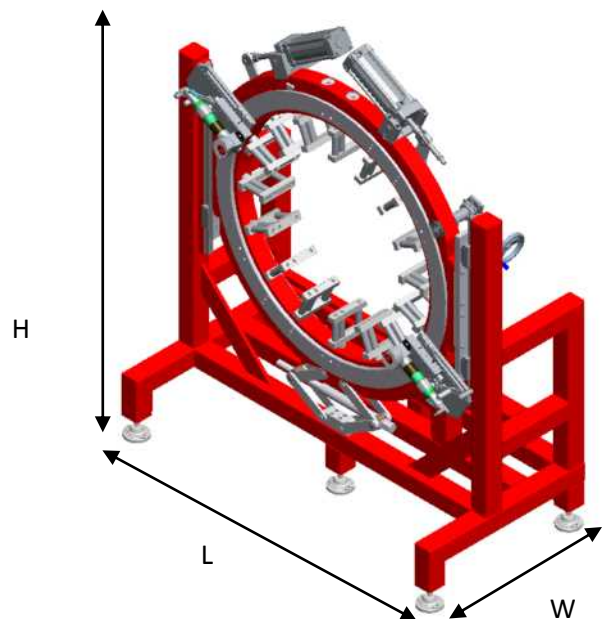
ORBITAL CUTTING RANGE CC DIMENSIONS



	Ø min	Ø max	Ep mm	H x L x l Mm	
CC420	215 mm 8"	420 mm 16"	1.5 à 15	791x690x260	148 kg
CC520	315 mm 12"	520mm 20"	1.5 à 15	901x790x281	250 kg



	Ø min	Ø max	Ep mm	H x L x l Mm	
CC620L	406.40 mm 16"	610 mm 24"	1.5 à 15	1085x1050x488	400 kg
CC720L	457.20 mm 18"	711.2 mm 28"	1.5 à 15	1095x1117x488	450 kg



	Ø min	Ø max	Ep mm	L x l x H mm	
CC1100	711.2 mm	1016 mm	6 mm	1890x975x2400	900 kg