

CONTACT:  
Jonathan Forte  
281-968-7138

# ORBITAL CUTTING



Axxair-USA, Inc.

4380 Mustang Road

Alvin, TX 77511

[www.axxairusa.com](http://www.axxairusa.com)

**AXXAIR**

## Ø 0.25" to 3"

( Ø 5 to 78 mm )



### Technical Characteristics:

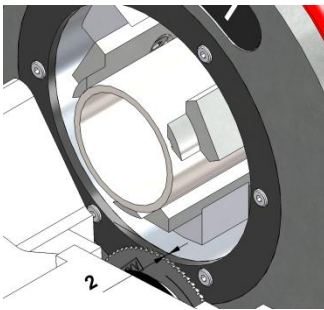
- Ø 0.25" to 3"  
(6.35 to 76 mm)
- Very wide range of use
- Ideal for use at worksites

### **Cutting Precision:**

Perpendicular Cut <0.009"  
Seamless Cutting

**Weight:** 33 pounds (easy handling)

## ADVANTAGES



Blade-jaw distance of .078/.531". Limits vibration and tube distortion with thin and small-diameter tubes



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



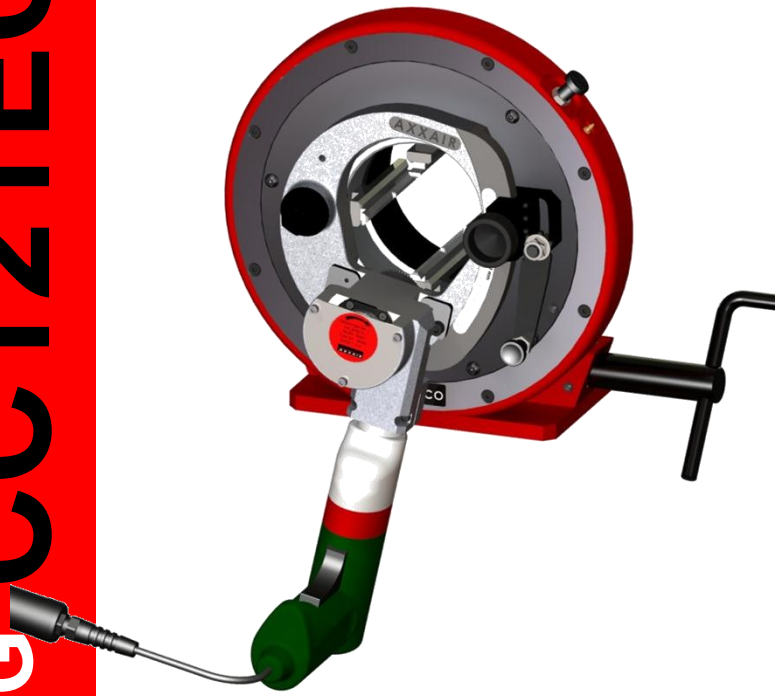
Worksite Carry Case

Accessories	Motors	References	Consumables
CCSER1: Simple Stand	M21: Kress 220 V Thicknesses < .275"	81M21	Blade LS6872: .039"-.118"
CCSER2: Stand with Bearings	M11: Metabo 110 V Thicknesses < .275"	81M11	Blade LS6844: .078"-.275"
			Blade LS63100: .028"-.059" CCLUP: Paste Lubricant

# ORBITAL CUTTING CC121ECO

Ø 0.25" to 4.5"

( Ø 5 to Ø 121 mm )



## Technical Characteristics:

- Basic jaws Ø 1" to Ø 4.5" ( 24 to 121 mm )
- Additional jaws Ø 0.25" to Ø 4.25" ( 5 to 108 mm )

## Cutting Precision:

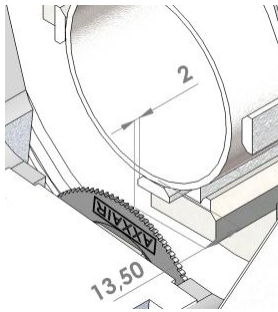
Perpendicular Cut <0.009"

**Versatile:** May be transformed into a bevelling and orbital welding machine

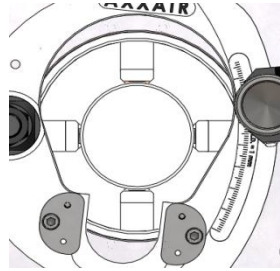
- Dual-output cutting motor with 2 blade positions for uptake

**Weight:** 82 pounds (easy handling)

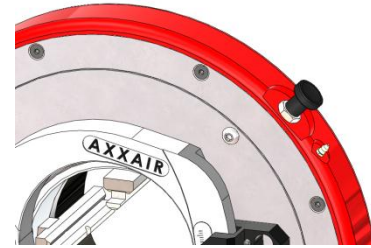
## ADVANTAGES



Blade-jaw distance of .078/.531". Limits vibration and tube distortion



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



Penetration Check Feature:  
Operator Safety Feature

Accessories	Motors	References	Consumables
CCPS21: Support Feet	MD21: Métabo 1010 W, 220 V, Thickness < .275"	121ECO2	Blade LS6872: .039"- .118"
CCBSB-01: Bench with Height Adjustment - 5'	MD11: Métabo 1010 W, 110 V, Thickness < .275"	121ECO1	Blade LS6844: .078"- .275"
CCBSB-02: Additional 5' Bench			Blade LS63100: .028"- .059"
CCDT: Extended Penetration Lever			CCLUP: Paste Lubricant
CCSER1/CCSER2: Simple/Bearing Stand			

AXXAIR

MADE IN FRANCE

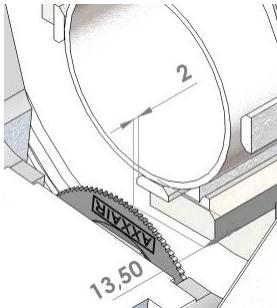
# CC121

# ORBITAL CUTTING

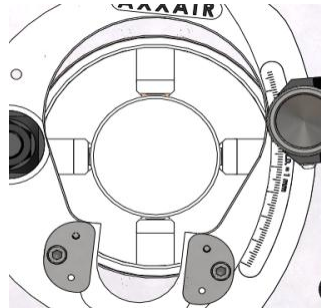
**Ø 0.25" to 4.5"**  
( Ø 5 to 121 mm )



## ADVANTAGES



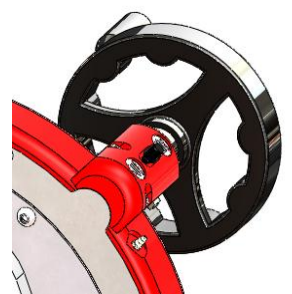
Blade-jaw distance of .078/.531". Limits vibration and tube distortion



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



Motor: High Speed, Low Speed, or Pneumatic



Standard Rotation Handle extends blade life and optimizes cutting quality

## Technical Characteristics:

- Basic jaws Ø 1" to Ø 4.5" ( 24 to 121 mm )
- Additional jaws Ø 0.25" to Ø 4.25" ( 5 to 108 mm )

### Cutting Precision:

Perpendicular Cut <0.009"

**Versatile:** May be transformed into a bevelling and orbital welding machine

- Dual-output cutting motor with 2 blade positions for uptake

**Weight:** 82 pounds (easy handling)

Accessories	Motors	References	Consumables
CCPS21: Support Feet	FS29: 220 V Thicknesses SS < .197 "	121FS29	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
CCBSB-01: Bench with Height Adjustment – 5'	FS19: 110 V Thicknesses SS < .197"	121FS19	Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
CCBSB-02: Additional 5' Bench	FS25: 220 V Thicknesses SS > .197"	121FS25	Blade LS8034: .197"-.472"
CCDT: Extended Penetration Lever	FS15: 110 V Thicknesses SS > .197"	121FS15	Blade LS9038: .197"-.172"
SAEA: Electric Rotation	MOPD: Pneumatic 60 - 110 rpm, air flow rate 1500/min at 6 bar	121PD	Blade LS63100: .028"-.059" CCLUH: Lubricant
CCSER1/CCSER2: Simple/Bearing Stand			

AXXAIR

MADE IN FRANCE

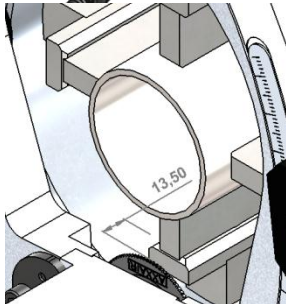
# CC171

# ORBITAL CUTTING

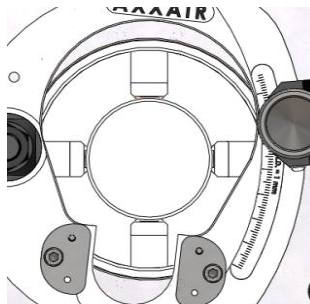
## Ø 0.625" to 6.625" ( Ø16 to 170 mm )



### ADVANTAGES



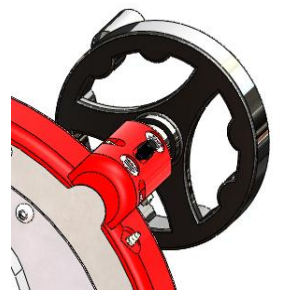
Blade-jaw distance of .078/.531". Limits vibration and tube distortion



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



Motor: High Speed, Low Speed, or Pneumatic



Standard Rotation Handle extends blade life and optimizes cutting quality

### Technical Characteristics:

- Basic jaws Ø 2.75" to Ø 6.625" (70 to 170 mm)
- Additional Jaws Ø 0.625" to Ø 4.65" (16 to 118 mm)

### Cutting Precision:

Perpendicular Cutting < 0.009"

**Versatile:** May be transformed into a bevelling and orbital welding machine

- Dual-output cutting motor with 2 blade positions for uptake

**Weight:** 97 pounds (easy handling)

Accessories	Motors	References	Consumables
CCPS21: Support Feet	FS29: 220 V Thicknesses SS <.197"	171FS29	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
CCBSB-01: Bench with Height Adjustment – 5'	FS19: 110 V Thicknesses SS <.197"	171FS19	Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
CCBSB-02: Additional 5' Bench	FS25: 220 V Thicknesses SS >.197"	171FS25	Blade LS8034: .197"-.472"
CCDT: Extended Penetration Lever	FS15: 110 V Thicknesses SS > .197"	171FS15	Blade LS9038: .197"-.172"
SAEA: Electric Rotation	MOPD: pneumatic 60 to 110 rpm, air flow rate 1500 l/min at 6 bar	171PD	Blade LS63100: .028"-.059" CCLUH: Lubricant
CCSER1/CCSER2: Simple/Bearing Stand			

AXXAIR

MADE IN FRANCE

# CC221

# ORBITAL CUTTING

Ø 2" to 8.625"  
( Ø59 to Ø 225 mm )



### Technical Characteristics:

- Basic jaws Ø 4.55" to 8.625" (116 to 225 mm)
- Additional jaws Ø 2" to Ø 6.65" ( 59 to 169 mm )

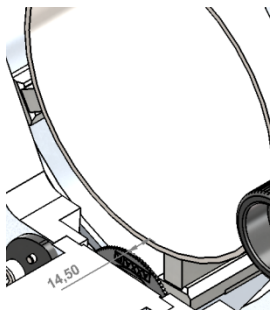
### Cutting Precision:

Perpendicular Cutting < 0.009"  
Dual-Output Cutting Motor with 2 blade positions for uptake

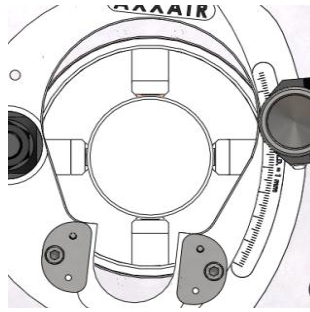
**Versatile:** May be transformed into a bevelling and orbital welding machine

**Weight:** 112 pounds (easy handling)

## ADVANTAGES



Blade-jaw distance of .570". Limits vibration and tube distortion



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



Motor: High Speed, Low Speed, or Pneumatic



Standard Rotation Handle extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
CCPS21: Support Feet	FS29: 220 V Thicknesses SS < .197"	221FS29	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
CCBSB-01: bench with height adjustment – 5'	FS19: 110 V Thicknesses SS < .197"	221FS19	Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
CCBSB-02: Additional 5' Bench	FS25: 220 V Thicknesses SS > .197"	221FS25	Blade LS8034: .197"-.472"
SAEA: Electric Rotation	FS15: 110 V Thicknesses SS > .197"	221FS15	Blade LS9038: .197"-.172"
CCSER1/CCSER1/CCSER2: Simple/Bearing Stand	MOPD: Pneumatic 60 to 110 rpm, Air Flow Rate 1500 l/min at 6 bar	221PD	Blade LS63100: .028"-.059" CCLUH: Lubricant

# CC321

# ORBITAL CUTTING

## Ø 5.5" to 12.75" ( Ø140 to 330 mm )



### Technical Characteristics:

- Basic jaws Ø 8.5" to 12.75"  
(216 to 330mm)
- Additional jaws Ø5.5" to Ø 10"  
(140 to 256mm)

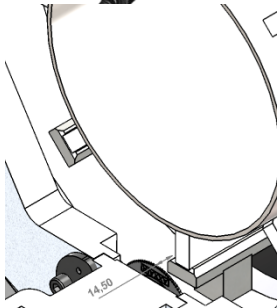
### Cutting Precision:

Perpendicular Cutting < 0.009"  
Dual-Output Cutting Motor with 2 Blade  
Positions for Uptake

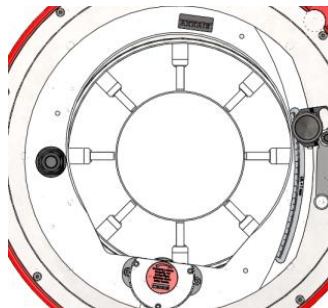
**Versatile:** May be transformed into a  
beveling and orbital welding machine  
Lifting Eye

**Weight:** 161 pounds (easy handling)

### ADVANTAGES



Blade-jaw distance  
of .551". Limits  
vibration and tube  
distortion



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



Motor: High Speed,  
Low Speed, or  
Pneumatic



Standard Rotation  
Handle extends  
blade life and  
optimizes cutting  
quality

Accessories	Motors	References	Consumables
CCPS21: Support Feet	FS29: 220 V Thicknesses SS < .197"	321FS29	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
CCBSB-01: Bench with Height Adjustment – 5'	FS19: 110 V Thicknesses SS < .197"	321FS19	Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
CCBSB-02: Additional 5'm Bench	FS25: 220 V Thicknesses SS > .197"	321FS25	Blade LS8034: .197"-.472"
SAEA: Electric Rotation	FS15: 110 V Thicknesses SS > .197"	321FS15	Blade LS9038: .197"-.172"
CCSER1CCSER1/CCSER2: Simple/Bearing Stand	MOPD: Pneumatic 60 to 110 rpm, Air Flow Rate 1500 l/min at 6 bar	321PD	Blade LS63100: .028"-.059" CCLUH: Lubricant

AXXAIR

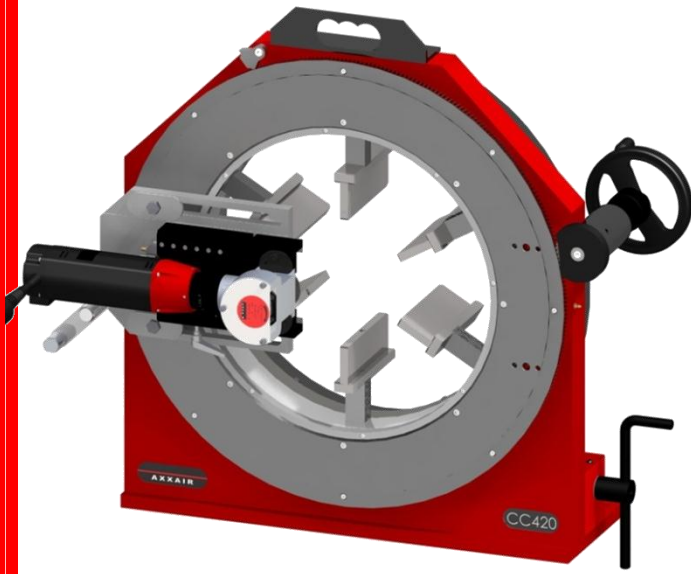
MADE IN FRANCE

# CC420

# ORBITAL CUTTING

## Ø 8.625" to 16"

( Ø 215 to Ø 420 mm )



### Technical Characteristics:

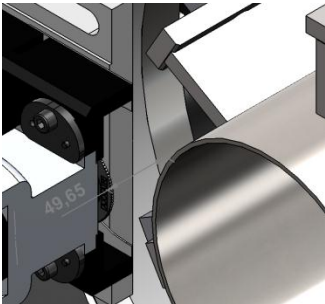
- Basic jaws Ø 12" to 16" ( Ø 306 to Ø 420 mm )
- Additional Jaws Ø 8.625" to 12.75" ( Ø 215 to Ø 320 mm )

### Cutting Precision:

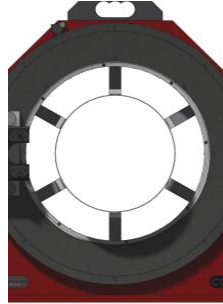
Perpendicular Cutting < 0.197"  
Dual-Output Cutting Motor with 2  
Blade Positions for Uptake  
Lifting Eye

**Weight:** 326 pounds

## ADVANTAGES



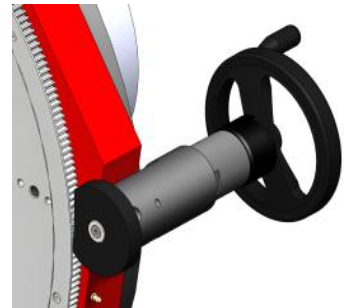
Blade-jaw distance of 1.955". Limits vibration and tube distortion



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



Motor: High Speed, Low Speed, or Pneumatic



Standard Rotation Handle extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
Available Upon Request	FS29: 220 V Thicknesses SS < .197"	420FS29	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
	FS19: 110 V Thicknesses SS < .197"	420FS19	Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
	FS25: 220 V Thicknesses SS > .197"	420FS25	Blade LS8034: .197"-.472"
	FS15: 110 V Thicknesses SS > .197"	420FS15	Blade LS9038: .197"-.172"
	MOPD: Pneumatic 60 to 110 rpm, Air Flow Rate 1500 l/min at 6 bar	420PD	Blade LS63100: .028"-.059" CCLUH: Lubricant

AXXAIR

MADE IN FRANCE



# CC520

# ORBITAL CUTTING

**Ø 12.75" to 20"**  
 ( Ø 315 to Ø 519 mm )



### Technical Characteristics:

- Basic jaws Ø 15.5" to 20" ( Ø 394 to Ø 519 mm )
- Additional jaws Ø 12.75" to 17" ( Ø 315 to Ø 434 mm )

### Cutting Precision:

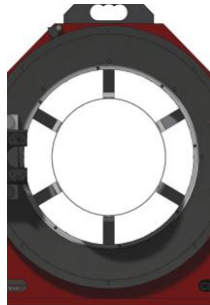
Perpendicular Cuts < 0.015"  
 Dual-Output Cutting Motor with 2 Blade Positions for Uptake Lifting Eye

**Weight:** 551 Pounds

## ADVANTAGES



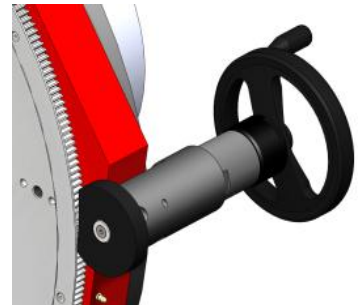
Blade-jaw distance of 1.988". Limits vibration and tube distortion



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



Motor: High Speed, Low Speed, or Pneumatic



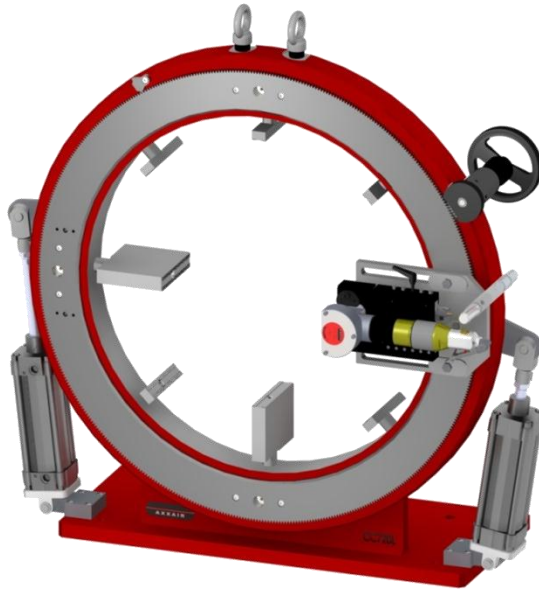
Standard Rotation Handle extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
Available Upon Request	FS29: 220 V Thicknesses SS < .197"	520FS29	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
	FS19: 110 V Thicknesses SS < .197"	520FS19	Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
	FS25: 220 V Thicknesses SS > .197"	520FS25	Blade LS8034: .197"-.472"
	FS15: 110 V Thicknesses SS > .197"	520FS15	Blade LS9038: .197"-.172"
	MOPD: Pneumatic 60 to 110 rpm, Air Flow Rate 1500 l/min at 6 bar	520PD	Blade LS63100: .028"-.059" CCLUH: Lubricant

# CC620

# ORBITAL CUTTING

**Ø 16" to 24"**  
 ( Ø 406 to Ø 610 mm )



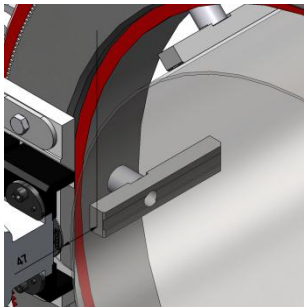
**Technical Characteristics:**

- Basic jaws Ø 16" to 24"  
 ( Ø 406 to Ø 610 mm )
- Set of Jaws Supplied: 16", 18", 20" 24"

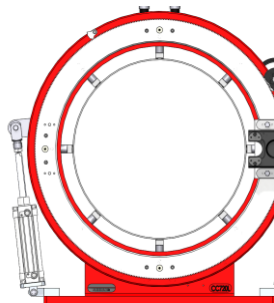
**Cutting Precision:**  
 Perpendicular Cutting < 0.0157"  
 Pneumatic Clamping  
 Lifting Eye

**Weight:** 881 Pounds

**ADVANTAGES**



Blade-jaw distance of 1.850". Limits vibration and tube distortion



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



Pneumatic Motor



Standard Rotation Handle extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
Available Upon Request	MOPD: Pneumatic 60 to 110 rpm, Air Flow Rate 1500 l/min at 6 bar	620PD	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
			Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
			Blade LS8034: .197"-.472"
			Blade LS9038: .197"-.172"
			Blade LS63100: .028"-.059" CCLUH: Lubricant

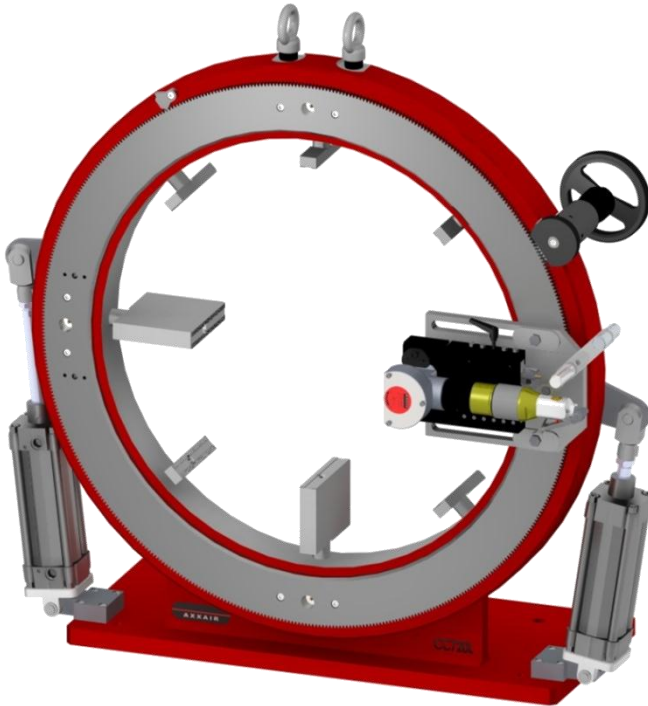
AXXAIR

MADE IN FRANCE

# CC720

# ORBITAL CUTTING

**Ø 18" to 28"**  
 ( Ø 457 to Ø 711 mm )



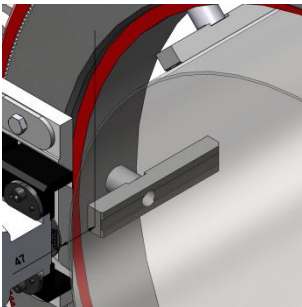
**Technical Characteristics:**

- Basic jaws Ø 18" to Ø 28" ( Ø 457 to Ø 711 mm )
- Set of Jaws Supplied: 18", 20", 24" 28"

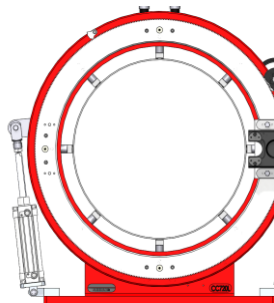
**Cutting Precision:**  
 Perpendicular cutting < 0.0157"  
 Pneumatic clamping  
 Lifting Eye

**Weight:** 992 Pounds

**ADVANTAGES**



Blade-jaw distance of 1.850". Limits vibration and tube distortion



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



Pneumatic Motor



Standard Rotation Handle extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
Available Upon Request	MOPD: Pneumatic 60 to 110 rpm, Air Flow Rate 1500 l/min at 6 bar	720PD	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
			Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
			Blade LS8034: .197"-.472"
			Blade LS9038: .197"-.172"
			Blade LS63100: .028"-.059" CCLUH: Lubricant

AXXAIR

MADE IN FRANCE

# CC1100

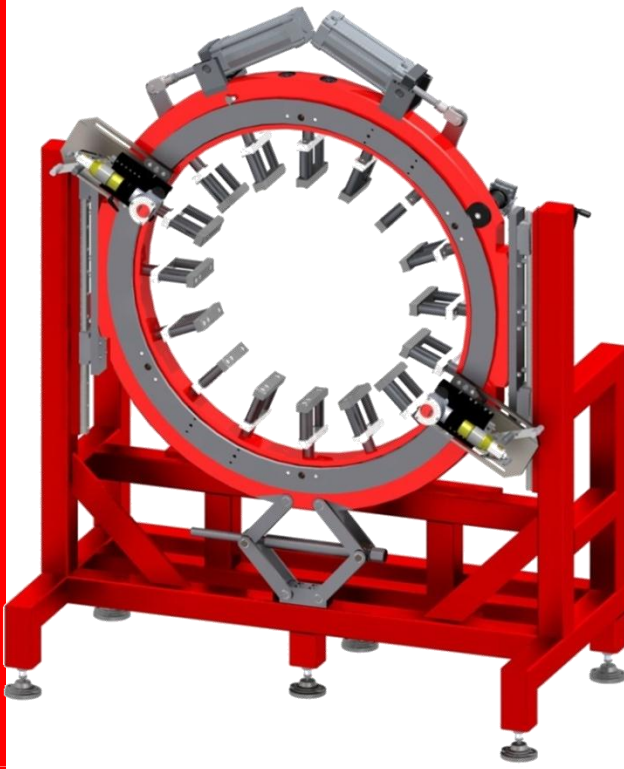
# ORBITAL CUTTING

AXXAIR

MADE IN FRANCE

## Ø 28" to 40"

( Ø 711 to Ø 1016 mm )



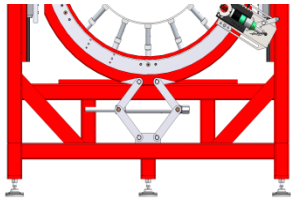
### Technical Characteristics:

- Basic jaws Ø 28" to 40"  
( Ø 711 to Ø 1016 mm )

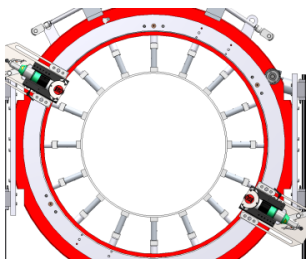
**Cutting Precision:**  
Perpendicular Cuts < 0.015"

**Weight:** 1984 pounds

### ADVANTAGES



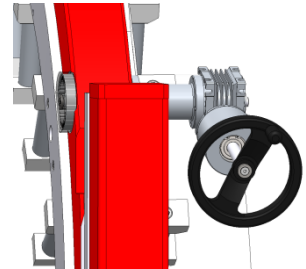
Adjustable Machine Height



Concentric clamping with 16 standard stainless steel jaws to eliminate tube distortion



Automatic Pneumatic Clamping



Standard Rotation Handle extends blade life and optimizes cutting quality

Accessories	Motors	References	Consumables
Available Upon Request	MOPD: Pneumatic 60 to 110 rpm, Air Flow Rate 1500 l/min at 6 bar	720PD	Blade LS6872: .039"-.118" Blade LS6844: .078"-.275"
			Blade LS8080: .039"-.118" Blade LS8054: .078"-.275"
			Blade LS8034: .197"-.472"
			Blade LS9038: .197"-.172"
			Blade LS63100: .028"-.059" CCLUH: Lubricant

# ORBITAL CUTTING ACCESSORIES



GA10-2-XX



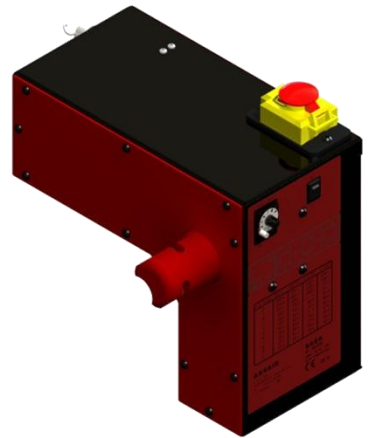
CCDT



FS XX



MOPD



SAEA

Accessories	Motors	Options
CCDT: Extended Penetration Lever	FS29: 220 V FS19: 110 V Fast Motor	SAEA: Electric Rotation
	FS25: 220 V FS15: 110 V Slow Motor	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

# ORBITAL CUTTING ACCESSORIES



CCPS21



CCBS-01



CCBS-02



CCSER1



CCSER2

## Accessories

CCPS21: Support Feet for CC121 to CC321

CCBS-01: Bench with Height Adjustment to 5' for CC81 to CC321

CCBS-02: Additional 5' Bench for CC81 to CC321

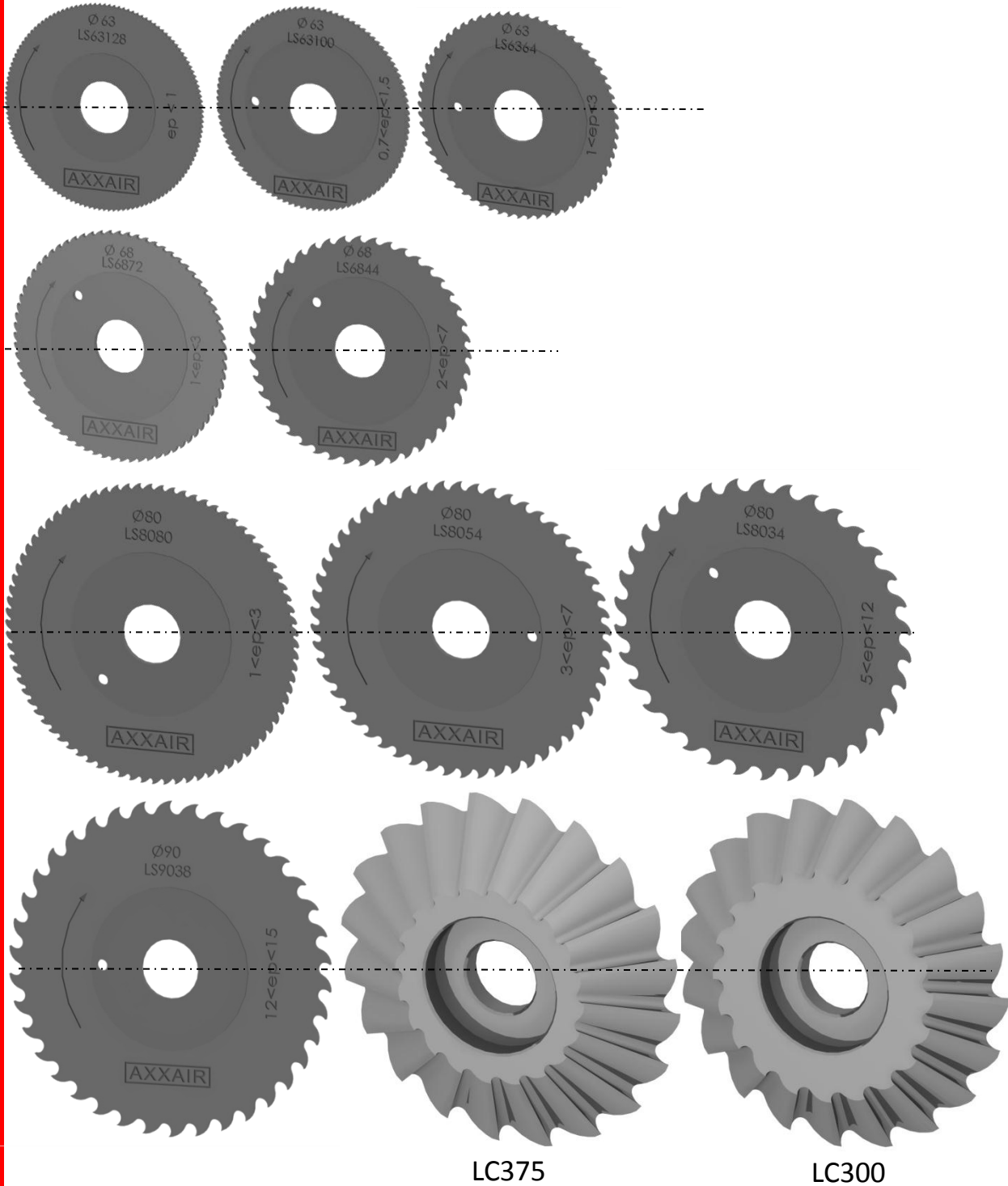
CCSER1: Simple Stand

CCSER2: Bearing Stand

AXXAIR

MADE IN FRANCE

# ORBITAL CUTTING CONSUMABLES



LC375

LC300

Ref./Description	Ref./Description
LS63128: from .019"-.027" LS63100: from .028"-.059"	LC300: 30° bevelling blade
LS6364: from .039"-.118" LS6872: from .039"-.118"	LC375: 37.5° bevelling blade
LS6844: from .078"-.275" LS8034: from .197"-.472"	
LS8054: from .078"-.275" LS8080: from .039"-.118"	
LS9038: from .197"-.172"	

AXXAIR

MADE IN FRANCE



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	63448-39-8	<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 use upon request

**Ingredient Risk:** None Known

**Ingredients:** Petroleum Paraffin Wax 15-30%  
Paraffinic Mineral Oil 5-15%

**EIN/ECS #265-096-0**

**CAS: 64741-95-3**

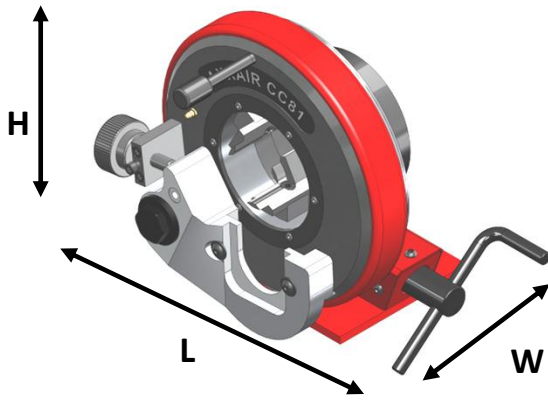


CCLUP

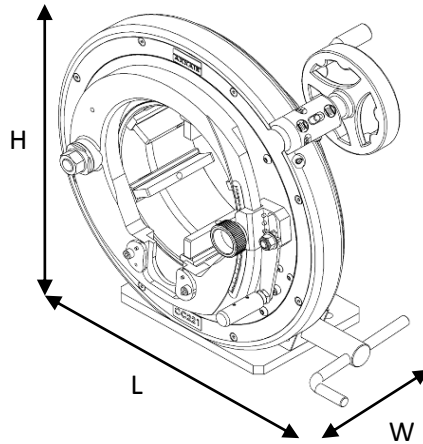
References	References	Options
CCLUH: Hi-Performance Liquid Lubricant		
CCLUP: Paste Lubricant for use with M21 and M11 Métabo Motors		



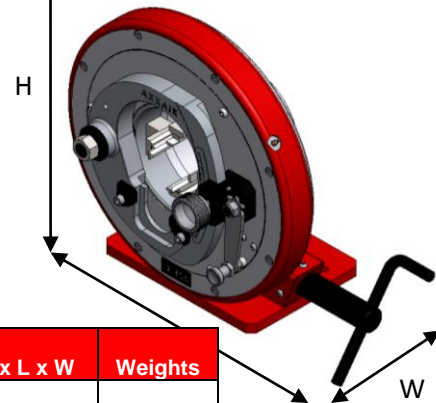
# ORBITAL CUTTING CC DIMENSIONS



	Min Diam	Max Diam	Wall Thickness	H x L x W	Weights
<b>CC81</b>	1/16"	2-1/5"	.019/.275	10 x 14 x 9	33 lbs.



	Min Diam	Max Diam	Wall Thickness	H x L x W	Weights
<b>CC121</b>	1/16"	4-1/2"	.0275 to .590"	17 x 20 x 12	80 lbs.
<b>CC171</b>	3/8"	6"	.0275 to .590"	19 x 22 x 12	97 lbs.
<b>CC221</b>	2"	8"	.039 to .590"	20 x 22 x 13	113 lbs.
<b>CC321</b>	5"	12"	.059 to .590"	27 x 25 x 13	161 lbs.

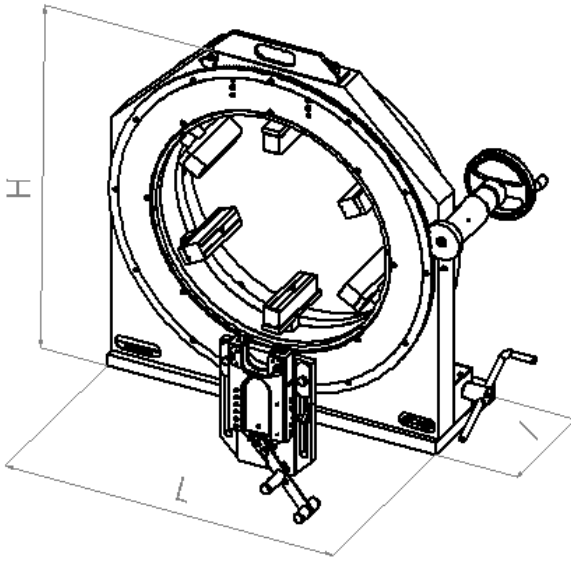


	Min Diam	Max Diam	Wall Thickness	H x L x W	Weights
<b>CC121ECO</b>	1/16"	4-1/2"	.019/.275	17 x 20 x 12	80 lbs.

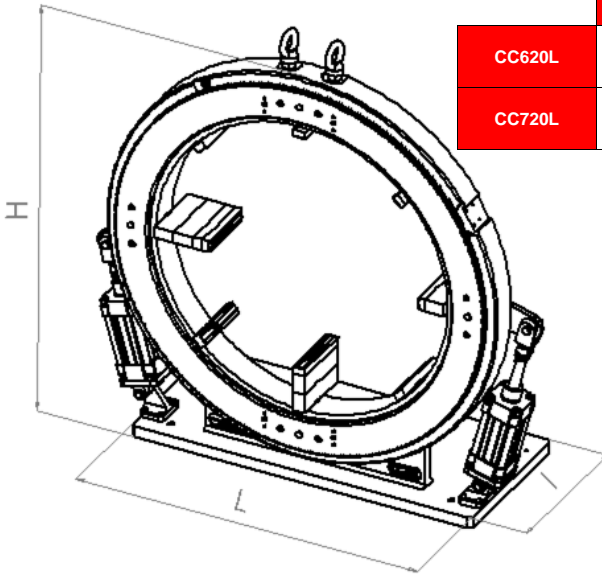
**AXXAIR**

MADE IN FRANCE

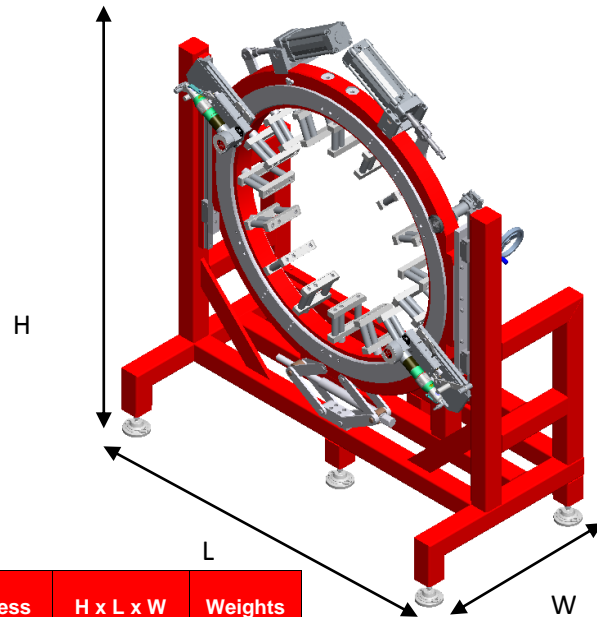
# ORBITAL CUTTING CC DIMENSIONS



	Min Diam	Max Diam	Wall Thickness	H x L x W	Weights
<b>CC420</b>	8"	16"	.059 to .590"	31 x 27 x 10	327 lbs.
<b>CC520</b>	12"	20"	.059 to .590"	36 x 31 x 11	552 lbs.



	Min Diam	Max Diam	Wall Thickness	H x L x W	Weights
<b>CC620L</b>	16"	24"	.059 to .590"	43 x 41 x 19	882 lbs.
<b>CC720L</b>	18"	28"	.059 to .590"	43 x 44 x 19	992 lbs.



	Min Diam	Max Diam	Wall Thickness	H x L x W	Weights
<b>CC1100</b>	28"	40"	.236"	74 x 38 x 94	1984 lbs.

**AXXAIR**

MADE IN FRANCE