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INNOVATIVE ORBITAL SOLUTIONS

ORBITAL BEVELLING



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INNOVATIVE ORBITAL SOLUTIONS

BEVELLING MACHINES GA121



ø15 - ø121 mm
ø0,5 to ø4,5 "

- Basic jaws Ø1" to 4,5" (Ø24 to Ø121 mm)
- Included stainless steel auxiliary jaws Ø 0,25" to 4,25" (Ø 15 to Ø 108 mm)

- Supplied with plastic protection and profile guide
- **Technology**: screw carbide inserts: 10 x faster than HSS tools. Superior service life
- Max 8 mm according to spinner*

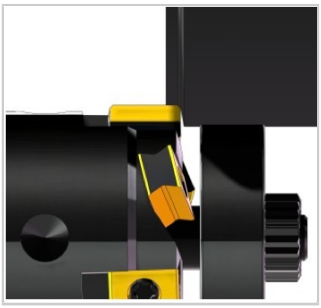
- **Patented System**

- **Scalability**: may be transformed into a cutting and orbital welding machine

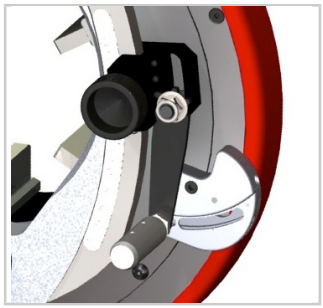
- **Weight**: 37 kg / 82 lbs (easy handling)



V bevel with profile guide roller



J bevel with profile guide roller



Outer profile guide system: to account for tube "out of round"



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

References	Motors	Accessories	Consumables
		CCPS21: support feet CCBSB-001: bench with height adjustment - 1.5 m CCBSB-002: additional 1.5 m bench	PC30-08-B02: carbide inserts
GA121-2	GA10-220 : 230V mono	CCSA21 : Pneumatic clamping for 121/171/221 and DC115-BM / DC221-BM	TV-300: 30° spinner (Max 8mm) TV-375: 37.5° spinner (Max 7mm) TV-450: 45° spinner (Max 6,5mm)
GA121-1	GA10-110 :120V mono	SAEP-00 : electric rotation autoline 121 to 321 (120V - 230V)	TJ-100: 10° spinner with 6 rollers (Max 8mm)
		CCSER1/CCSER2: simple/bearing stand	All spinner are delivered with their carbide inserts mounted
		All motors are delivered in their individual case, including the necessary tools	

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INNOVATIVE ORBITAL SOLUTIONS

BEVELLING MACHINES GA171



ø33 - ø170 mm
ø1,25 to ø6,625 "

- Basic jaws Ø 2,75" to 6,625" (Ø70 to Ø170 mm)
- Included stainless steel auxiliary jaws Ø 0,625" to 4,65" (Ø 33 to Ø 118 mm)

- Supplied with plastic protection and profile guide
- **Technology**: screw carbide inserts: 10 x faster than HSS tools. Superior service life
- Max 8 mm according to spinner*

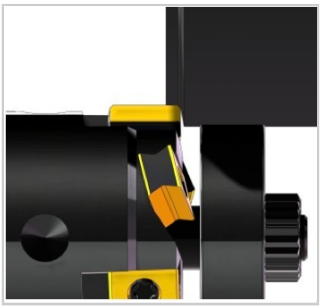
- **Patented System**

- **Scalability**: may be transformed into a cutting and orbital welding machine

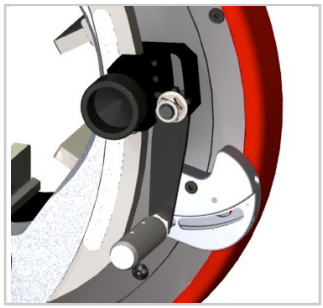
- **Weight**: 44 kg / 97 lbs (easy handling)



V bevel with profile guide roller



J bevel with profile guide roller



Outer profile guide system: to account for tube "out of round"



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

References	Motors	Accessories	Consumables
GA171-2 GA171-1	GA10-220 : 230V mono GA10-110 :120V mono	CCPS21: support feet CCBSB-001: bench with height adjustment - 1.5 m CCBSB-002: additional 1.5 m bench CCSA21 : Pneumatic clamping for 121/171/221 and DC115-BM / DC221-BM SAEP-00 : electric rotation autoline 121 to 321 (120V - 230V) CCSER1/CCSER2: simple/bearing stand All motors are delivered in their individual case, including the necessary tools	PC30-08-B02: carbide inserts TV-300: 30° spinner (Max 8mm) TV-375: 37.5° spinner (Max 7mm) TV-450: 45° spinner (Max 6,5mm) TJ-100: 10° spinner with 6 rollers (Max 8mm) All spinner are delivered with their carbide inserts mounted

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INNOVATIVE ORBITAL SOLUTIONS

BEVELLING MACHINES GA221



ø59 - ø225 mm
ø2 to ø8,625 "

- Basic jaws Ø4,55" to 8,625" (Ø116 t oØ 225 mm)
- Included stainless steel auxiliary jaws Ø 2" to 6,65" (Ø59 to Ø 169 mm)

- Supplied with plastic protection and profile guide
- **Technology**: screw carbide inserts: 10 x faster than HSS tools. Superior service life
- Max 8 mm according to spinner*

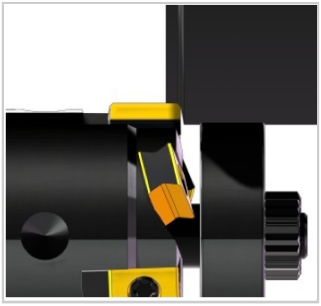
- **Patented System**

- **Scalability**: may be transformed into a cutting and orbital welding machine

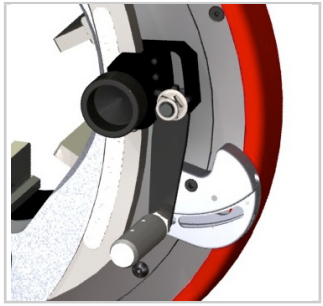
- **Weight**: 51 kg / 112 lbs (easy handling)



V bevel with profile guide roller



J bevel with profile guide roller



Outer profile guide system: to account for tube "out of round"



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

References	Motors	Accessories	Consumables
GA221-2 GA221-1	GA10-220 : 230V mono GA10-110 :120V mono	CCPS21: support feet CCBSB-001: bench with height adjustment - 1.5 m CCBSB-002: additional 1.5 m bench CCSA21 : Pneumatic clamping for 121/171/221 and DC115-BM / DC221-BM SAEP-00 : electric rotation autoline 121 to 321 (120V - 230V) CCSER1/CCSER2: simple/bearing stand All motors are delivered in their individual case, including the necessary tools	PC30-08-B02: carbide inserts TV-300: 30° spinner (Max 8mm) TV-375: 37.5° spinner (Max 7mm) TV-450: 45° spinner (Max 6,5mm) TJ-100: 10° spinner with 6 rollers (Max 8mm) All spinner are delivered with their carbide inserts mounted

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INNOVATIVE ORBITAL SOLUTIONS

BEVELLING MACHINES GA321



ø140 - ø330 mm
ø5,5 to ø12,75"

- Basic jaws Ø 8,5" to 12,75"(Ø 216 to Ø 330 mm)
- Included stainless steel auxiliary jaws Ø 5,5" to 10 " (Ø 140 to Ø 256 mm)

- Supplied with plastic protection and profile guide
- **Technology**: screw carbide inserts: 10 x faster than HSS tools. Superior service life
- Max 8 mm according to spinner*

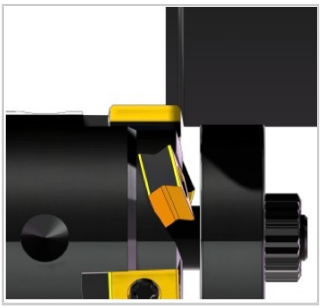
- **Patented System**

- **Scalability**: may be transformed into a cutting and orbital welding machine

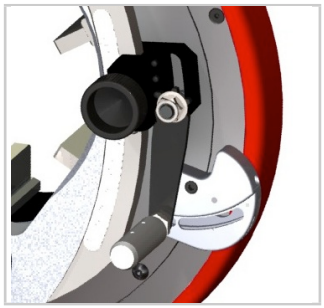
- **Weight**: 73 kg / 161 lbs (easy handling)



V bevel with profile guide roller



J bevel with profile guide roller



Outer profile guide system: to account for tube "out of round"



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

References	Motors	Accessories	Consumables
GA321-2 GA321-1	GA10-220 : 230V mono GA10-110 :120V mono	CCPS21: support feet CCBSB-001: bench with height adjustment - 1.5 m CCBSB-002: additional 1.5 m bench SAEP-00 : electric rotation autoline 121 to 321 (120V - 230V) CCSER1/CCSER2: simple/bearing stand All motors are delivered in their individual case, including the necessary tools	PC30-08-B02: carbide inserts TV-300: 30° spinner (Max 8mm) TV-375: 37.5° spinner (Max 7mm) TV-450: 45° spinner (Max 6,5mm) TJ-100: 10° spinner with 6 rollers (Max 8mm) All spinner are delivered with their carbide inserts mounted

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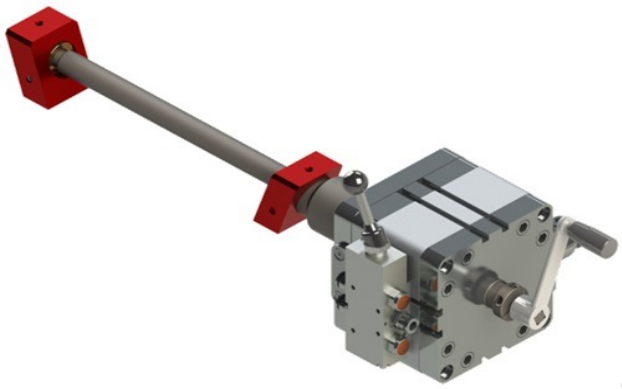
FS XX



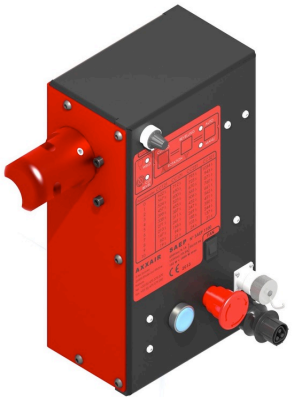
GA10 -X - XX



MOPD



CCSA21



SAEP-xxx

Accessories	Cutting motors	bevelling motors
SAEP-00 : electric rotation autoline CC121 to CC321 (120 V - 230V) CCSA21 : Pneumatic clamping for 121/171/221 and DC115-BM / DC221-BM	Cutting motor 230V mono : FS29 : Thickness Inox < 5 mm FS25 : Thickness Inox > 5 mm Cutting motor 120V mono : FS19 : Thickness Inox < 5 mm FS15 : Thickness Inox > 5 mm MOPD: pneumatic motor All motors are delivered in their individual case, including the necessary tools	**GAxxx** motor 230V with protection : GA10-2-120: for 121 GA10-2-170: for 171 GA10-2-220: for 221 GA10-2-320: for 321 motor 120V with protection : GA10-1-120: for 121 GA10-1-170: for 171 GA10-1-220: for 221 GA10-1-320: for 321

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CC121ECO - > CC321



CCBSB-001



CCBSB-002



CCPS21



CCSER1



CCSER2

Accessories

CCBSB-001: bench with height adjustment - 1.5 m - CC121ECO -> CC321
CCBSB-002: additional 1.5 m bench - CC121ECO -> CC321

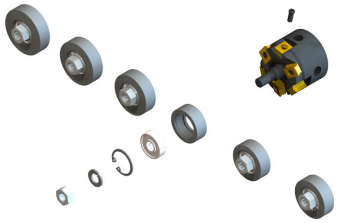
CCPS21: support feet - CC121ECO -> CC321
CCSER1/CCSER2: simple/bearing stand

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TV-300



TJ-100



TV-375



PC30-08-B02



TV-450



KS30

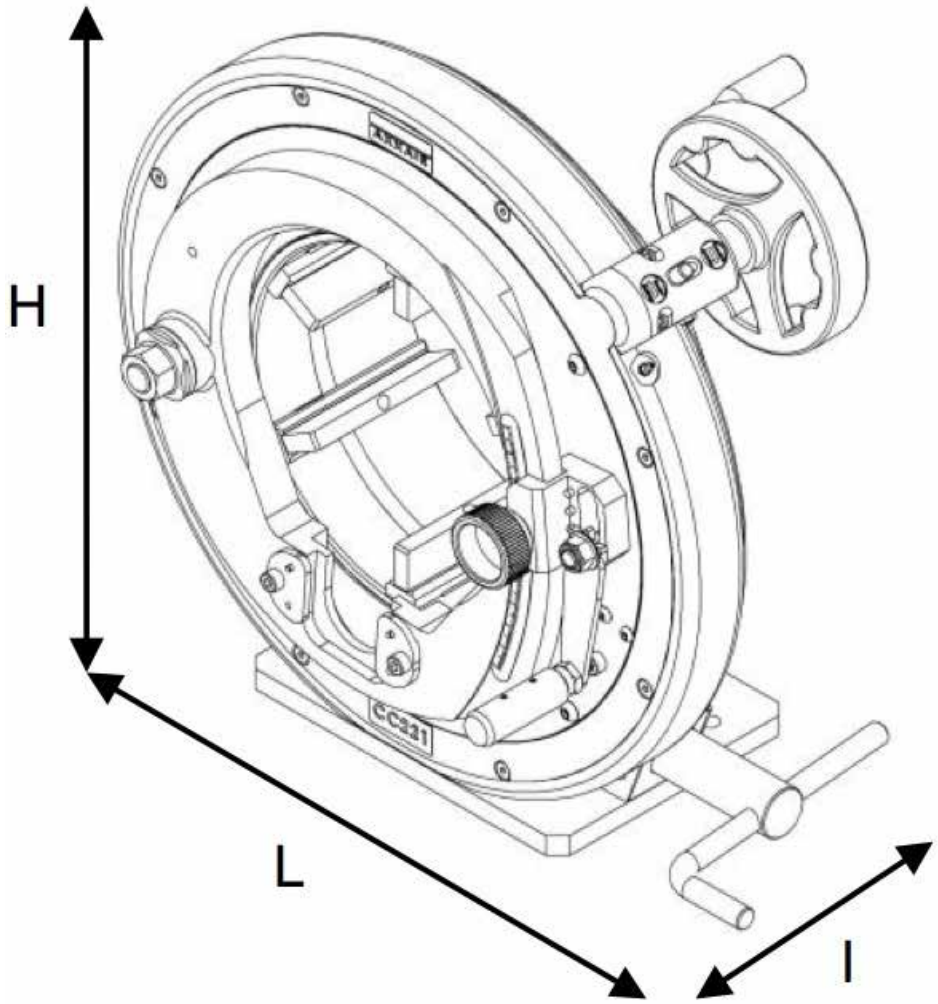


Consumables
PC30-08-B02: carbide inserts KS30: insert tightening tool

Accessories
TV-300: 30° spinner with guide roller (Max 8mm) TV-375: 37.5° spinner with guide roller (Max 7mm) TV-450: 45° spinner with guide roller (Max 6,5mm) TJ-100: 10° J spinner with guide roller (Max 8mm)

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Dimensions



	Ø min	Ø max	H x L x I Mm	
GA121	15 mm	121 mm	432x520x297	37 kg
GA171	33 mm	170 mm	474x545x297	44 kg
GA221	59 mm	225 mm	515x570x320	51 kg
GA321	140 mm	330 mm	674x636x320	73 kg

Las- & Gastechniek bvba
Aarschotsebaan 312 • 2590 Berlaar

T 03 482 43 65 • F 03 482 35 72
sales@lgtechniek.be

www.lgtechniek.be

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