AXXAIR

INNOVATIVE ORBITAL SOLUTIONS

PREFAB WELDING



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V3.8-06-2016

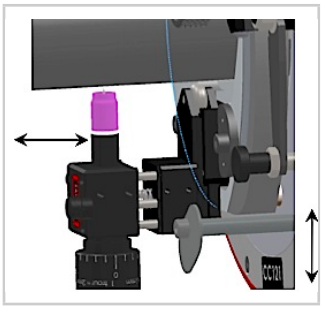


ø12 - ø121 mm
ø0,45 to ø4,5 "

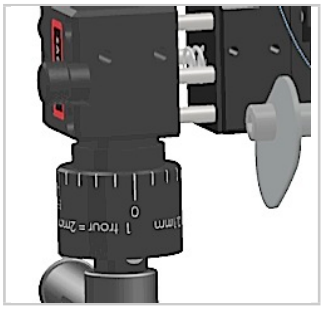
- Basic **stainless steel** jaws Ø 1" to 4,5" (Ø 24 to Ø 121 mm)
- Included stainless steel auxiliary jaws Ø 0,45" to 4,25" (Ø12 to Ø108mm)
- **Electric rotation autoline 120 V - 230V**
- Wide diameter range
- **Air-cooled:** max. current 100 A at 100%
- **Water-cooled:** max. current 200 A at 100%

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

Weight: 45 kg / 99 lbs



Axial adjustment for precise positioning



Radial adjustment for precise positioning



Driven by AXXAIR power source



Mechanical profile guide: constant arc voltage

References	Accessories	Consumables
SP121-A SP121-E	CCPS21: support feet FS29 /FS25: 230 V FS19 / FS15: 120 V GA10-2-xxx: 230 V GA10-1-xxx: 120 V CCSA21 : Pneumatic clamping for 121/171/221 and DC115-BM / DC221-BM CCSER1/CCSER2: simple/bearing stand	SCE16-50 Ø 1,6 mm SCE24-50 Ø 2,4 mm

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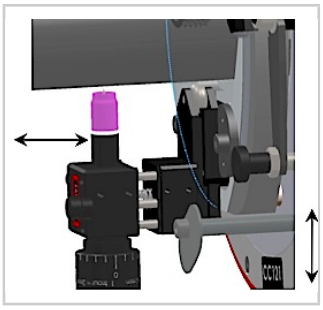


ø16 - ø170 mm
ø0,625 to ø6,625 "

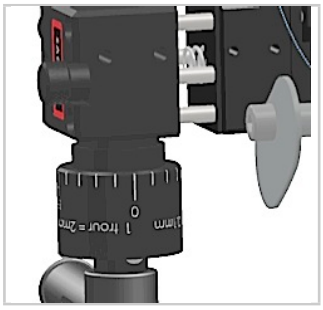
- Basic **stainless steel** jaws Ø 2,75" to 6,625"(Ø70 to Ø 168 mm)
- Included stainless steel auxiliary jaws Ø 0,625" to 4,65" (Ø 16 to Ø 118 mm)
- **Electric rotation autoline 120 V - 230V**
- Wide diameter range
- **Air-cooled:** max. current 100 A at 100%
- **Water-cooled:** max. current 200 A at 100%

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

Weight: 52 kg / 115 lbs



Axial adjustment for precise positioning



Radial adjustment for precise positioning



Driven by AXXAIR power source



Mechanical profile guide: constant arc voltage

References	Accessories	Consumables
SP171-A SP171-E	CCPS21: support feet FS29 /FS25: 230 V FS19 / FS15: 120 V GA10-2-xxx: 230 V GA10-1-xxx: 120 V CCSA21 : Pneumatic clamping for 121/171/221 and DC115-BM / DC221-BM CCSER1/CCSER2: simple/bearing stand	SCE16-50 Ø 1,6 mm SCE24-50 Ø 2,4 mm

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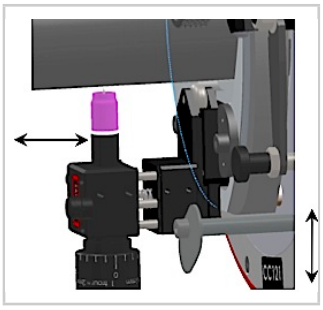
ø59 - ø225 mm
ø2 to ø8,625 "

- Basic **stainless steel** jaws Ø 4,5” to 8,625 (Ø 116 to Ø 219 mm)
- Included stainless steel auxiliary jaws Ø 2” to 6,65” (Ø 59 to Ø 169 mm)
- **Electric rotation autoline 120 V - 230V**
- Wide diameter range

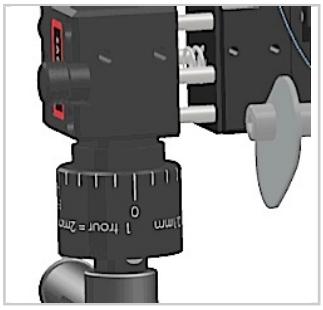
- **Water-cooled**: max. current 200 A at 100%

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

Weight: 59 kg 130 lbs



Axial adjustment for precise positioning



Radial adjustment for precise positioning



Driven by AXXAIR power source



Mechanical profile guide: constant arc voltage

References	Accessories	Consumables
SP221-E	CCPS21: support feet FS29 /FS25: 230 V FS19 / FS15: 120 V GA10-2-xxx: 230 V GA10-1-xxx: 120 V CCSA21 : Pneumatic clamping for 121/171/221 and DC115-BM / DC221-BM CCSER1/CCSER2: simple/bearing stand	SCE16-50 Ø 1,6 mm SCE24-50 Ø 2,4 mm

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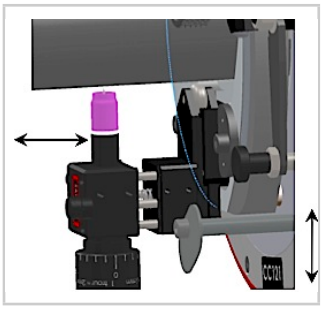


ø140 - ø330 mm
ø5,5 to ø12,75"

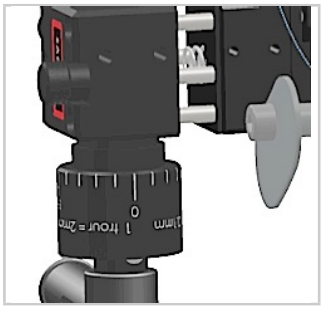
- Basic **stainless steel** jaws Ø 8,5” to 12,75” (Ø 216 to Ø 323 mm)
- Included stainless steel auxiliary jaws Ø 5,5” to 10” (Ø 140 to Ø 256 mm)
- **Electric rotation autoline 120 V - 230V**
- Wide diameter range
- **Water-cooled**: max. current 200 A at 100%

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

Weight: 81 kg / 179 lbs



Axial adjustment for precise positioning



Radial adjustment for precise positioning



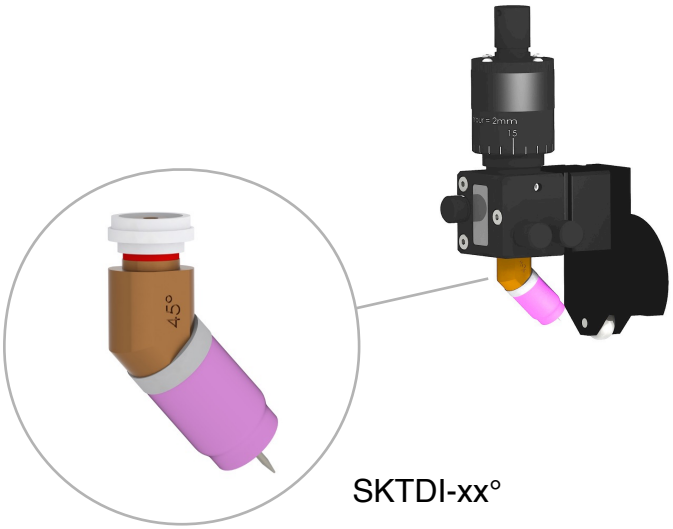
Driven by AXXAIR power source



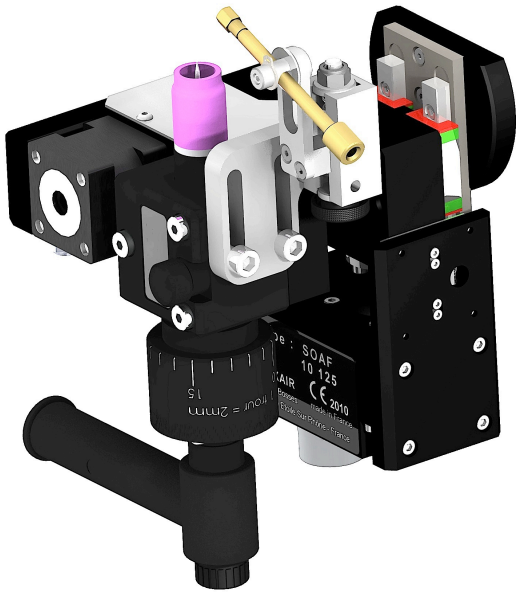
Mechanical profile guide: constant arc voltage

References	Accessories	Consumables
SP321-E	CCPS21: support feet FS29 /FS25: 230 V FS19 / FS15: 120 V GA10-2-xxx: 230 V GA10-1-xxx: 120 V CCSER1/CCSER2: simple/bearing stand	SCE16-50 Ø 1,6 mm SCE24-50 Ø 2,4 mm

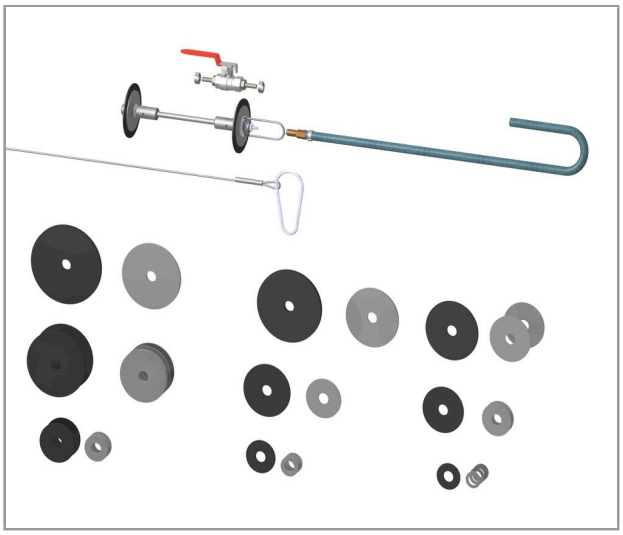
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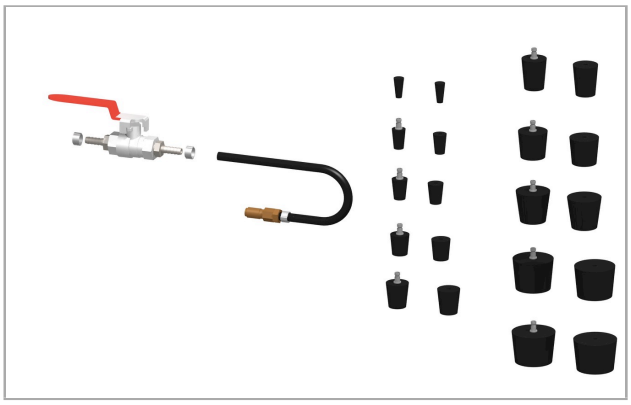
SKTDI-xx°



SOAF



SKIF-01



SKIB-01

Accessories	Consumables	Options
SKIB-01: gas protection kit - plugs Ø6 to 41 mm SKIF-01: gas protection kit - membranes Ø40 to 120 mm	SCE16-50 Ø 1.6 mm SCE24-50 Ø 2.4 mm SKTDI-30: 30° inclined torch kit SKTDI-45: 45° inclined torch kit	SOAF: AVC/OSC for SP with wire feeder and water torch

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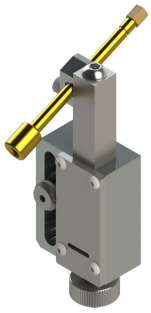
Accessories



SADF2



SADDD-15



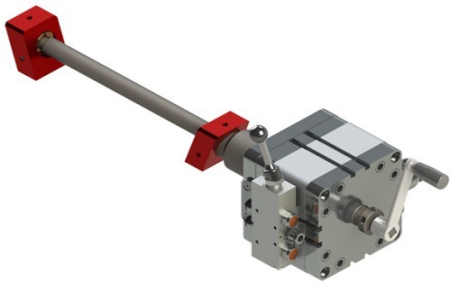
SADFP-02



CCBSB-001



CCBSB-002



CCSA21



SCE16-50



SCE24-50

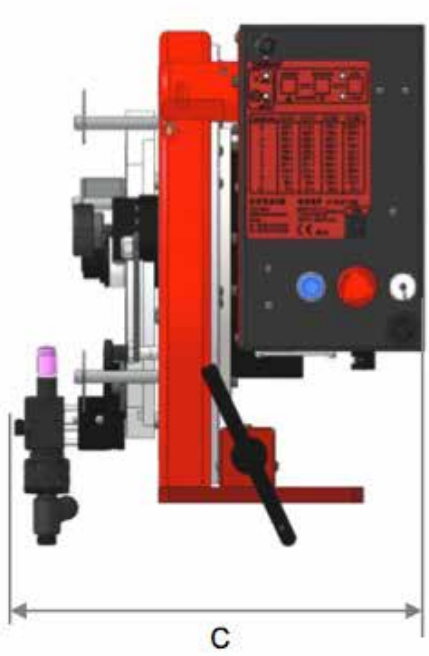


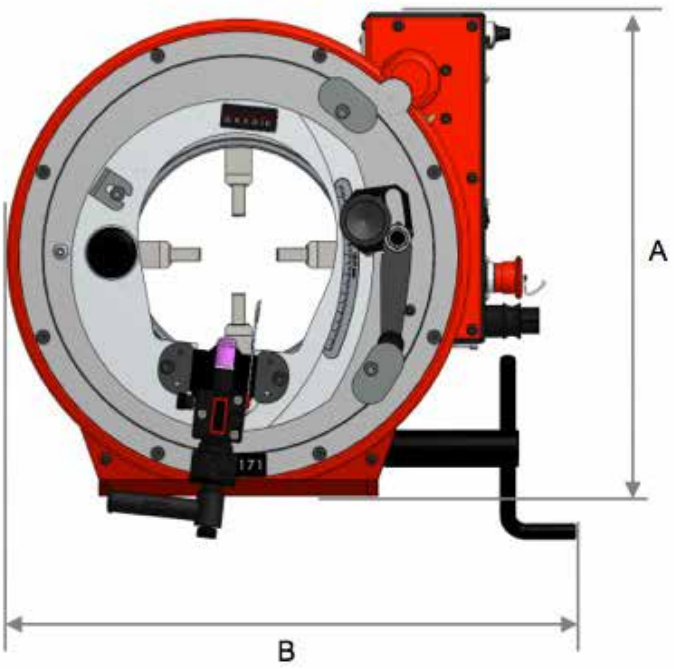
SKTD

Accessories	Consumables	Options
SKTD-01: spares kit for straight torch Ø1.6 mm SKTD-02: spares kit for straight torch Ø2.4 mm 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	SCE16-50 Ø 1.6 mm SCE24-50 Ø 2.4 mm SKTDI-30: 30° inclined torch kit SKTDI-45: 45° inclined torch kit	SADF2: external wire feeder SADFP-02: wire guide SADDD-15 : Dual flow meter

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Dimensions





	A mm	B mm	C mm	Ø min	121 max		
SP121-A / SP121-E	418	521	400	12 mm	170 mm	45 kg	<70dB
SP171-A / SP171-E	459	520	400	16 mm	225 mm	52 kg	<70dB
SP221-E	503	545	401	59 mm	330 mm	59 kg	<70dB
SP321-E	674	636	401	140 mm	323.9 mm	81 kg	<70dB

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