



# **POWER SOURCES**



### **Power Sources**





To run the complete welding process, all our power sources are fitted with a HIG colour touch screen; The main functions are:

- Password protection
- Customized access according to the user: operator access to run the programs only, welder access to all customer functions, AXXAIR access for maintenance purposes.
- Auto compute mode for a quick set up according to the main welding caracteristics: head type, tube diameter, tube thickness, welding mode, number of sectors, ...
- 200 welding programs, with 20 sectors, are stored on a Flash card
- Data acquisition: real welding data acquisition is made every second and recorded on the Flash card. 999 welding can be recorded on the card, before being overwritten if not downloaded on a PC.
- Axes synchronization : all the axes can be synchronized on the welding current pulse, allowing :
  - Step mode: speed pulsed with the current to get a better penetration while maintaining an effective control of the welding puddle.
  - Wire pulsed speed to feed the wire on the high level current and less on low current.
  - The oscillation synchronization allows the adjustment of the high current on the bevel by controlling the oscillation displacement time
- Parameters printing on the integrated printer (SASL160 and SASL300)
- Parameters printing on a PC through the Flash card
- Parameters control and alarm mode: safety mode for the heads in case of gaz absence or cooling failure. Alarms are recorded in order to check the integrity of a weld and remote access assistance.



## 165A - 220V







- Orbital welding power source, 210 V 230 V
- Max. current 165 A
- Power factor: 100 A, 100%

**Technical Specifications** 

- Ideal for on-site work

This model is a version of the 200 A source, and features the same programming interface • Supplied with a memory card with 200 programs, 20 levels each

#### Weight:

- SASL-160TRA: 15 kg - SASL-160TF : 25 kg



SD Flash card with 200 programs per card



5.7" multi-language, colour touch screen



Integrated printer

References	Accessories	Consumables
SASL-160TRA: Air-cooled orbital welding TIG power source + board SATO80M/SC  SASL-160T: Water-cooled welding power source + board for SATF/SATO  SASL-160TF: Water-cooled welding power source + board for wire feed for SC/SAT	SACF-020: Memory card SALCF-020: memory card reade	SACW-C002: Coolant SIMP-02: printer spool for SASL 160 / 300



# 210A - Autoline



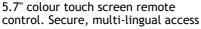




#### **Technical Specifications**

- Orbital welding power source,  $\boldsymbol{autoline}$  with PFC compatible 110 V to 230 V
- Max. current 210 A
- Power factor: 160 A, 100%
- Scalable source, water-cooled, additional card (4 shafts: wire feed, AVC, OSC and wire)
- Supplied with a memory card with 200 programs, 20 levels each







Easy-to-use touch screen features parameter calculation



Safe cooling to protect heads (flow rate, level, pressure)

References	Accessories	Consumables
SASL-200E: Water-cooled welding power source for SC  SASL-200EF: Water-cooled welding power source + board wire feed for SC  SASL-200T: Water-cooled welding power source + board for SATF/SATO  SASL-200TF: Water-cooled welding power source + board wire feed for SC/SAT	SACF-020: Memory card SALCF-020: memory card reade	SACW-C002: Coolant SCIMP-01: printer spool for SASL 200
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# 300A - 400V



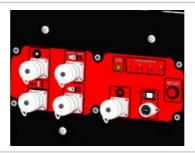


#### **Technical Specifications**

- Orbital welding power source, **400** V Integrated **cooler**: 1200 W cooling capacity with 1L/min
- Cooling safety system: flow rate, pressure
- Max. current 300 A
- Power factor: 210 A, 100%
- Compatible with all AXXAIR heads
- Supplied with a memory card with 200 programs, 20 levels each



5.7" colour touch screen remote control. Secure, multi-lingual access



Drives up to 4 shafts, depending on the version: wire feed, AVC, OSC and wire



Integrated printer

References	Accessories	Consumables
SASL-300E : Water-cooled welding power source for SC		
SASL-300EF: Water-cooled welding power source + board wire feed for SC		
SASL-300T: Water-cooled welding power source +	SAGC-300: power source trolley	SACW-C002: Coolant
board for SATF/SATO	SACF-020: Memory card	SIMP-02: printer spool for
SASL-300TF: Water-cooled welding power source + board wire feed for SC/SAT	SALCF-020: memory card reader	SASL 160 / 300
SASL-300TOAF: Water-cooled welding power source + board AVC/OSC/WIRE for SC/SAT		











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### Accessories Accessories

SAGC-100 : trolley for SASL-200 SAGC-300 : trolley for SASL-300

SAGC-121 : closed head support

SADF2: External Wire feeder

SACW-020: cooling system for SASL20

SACW-Co02: cooling fluid

SACF-020: flash card with software

SALCF-020: Flash card reader

SCIMP-01: printer paper for SASL 200

SIMP-02: printer paper for SASL 160 / 300



# Compatibility table with heads and accessories



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	SC121-A	SC121-E	SC171-A	SC171-E	SC221-E	SC321-E	SOAF ( Acc.)	SATF-40ND	SATF-65ND	SATF-115ND	SATO-80M	SATO-115NDA	SATO-170NDA	SATO-220NDA	SATO-115NAOA	SATO-170NAOA	SATO-220NAOA	SATP-80
SASL-160TRA	0	N	0	N	N	N	N	N	N	N	0	N	N	N	N	N	N	N
SASL-160T	0	0	0	0	0	0	N	0	0	0	0	0	0	0	N	N	N	N
SASL-160TF	0	0	0	0	0	0	N	О	0	0	0	0	0	0	N	N	N	N
SASL-200E	0	0	0	0	0	0	N	N	N	N	N	N	N	N	N	N	N	N
SASL-200EF	0	0	0	0	0	0	N	N	N	N	N	N	N	N	N	N	N	N
SASL-200T	0	0	0	0	0	0	N	0	0	0	0	0	0	0	N	N	N	N
SASL-200TF	0	0	0	0	0	0	N	0	0	0	0	0	0	0	N	N	N	0
SASL-200TOAF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SASL-300E	0	0	0	0	0	0	N	N	N	N	N	N	N	N	N	N	N	N
SASL-300EF	0	0	0	0	0	0	N	N	N	N	N	N	N	N	N	N	N	N
SASL-300T	0	0	0	0	0	0	N	О	0	0	О	0	0	0	N	N	N	N
SASL-300TF	0	0	0	0	0	0	N	О	0	0	0	0	0	0	N	N	N	0
SASL-300TOAF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			1	1	1	1
	SADF2	SAGC-100	SAGC-300	SASL200-04	SATMA-06	SATME-06
	<b>6</b>					
SASL-160TRA	N	0	N	N	N	N
SASL-160T	N	0	N	N	N	N
SASL-160TF	0	0	N	N	N	N
SASL-200E	N	0	N	0	0	0
SASL-200EF	0	0	N	0	0	0
SASL-200T	N	0	N	0	0	0
SASL-200TF	0	0	N	0	0	0
SASL-200TOAF	0	0	N	0	0	0
SASL-300E	N	N	0	N	N	N
SASL-300EF	0	N	0	N	N	N
SASL-300T	N	N	0	N	N	N
SASL-300TF	0	N	0	N	N	N
SASL-300TOAF	0	N	0	N	N	N



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