

## LEADING THE WELDING INDUSTRY

During the last years, SOLTER, has achieved the capacity of leadership by improving continuously the products and services.

During the last years, SOLTER, has achieved the capacity of leadership by improving continuously the products and services. Once again, the WELDING DIVISION as part of the SOLTER group is offering multiple innovations, offering a global solution within families MMA, TIG, MIG / MAG and plasma cutting. Our production in Campdevàdol (Girona), allows us to control not only the design and assembly of our products, but also to ensure the reliability, overall quality and perfect operation of our equipment.

Services associated with our offer, as the our exclusive customer training program or a quick and individualized after-sales service, this highlights SOLTER as a reference on the welding market.

The continued evolution and improvement of our products and services, makes our offer one of the most attractive, by being present on more than 40 countries around the world.

NOW WE LOOK FORWARD TO SERVE INDIA

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**WELDING**DIVISION

  
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## Inverter STYL/PRO

### Concentrated POWER

Technical specification	STYL 185	STYL 205
<b>Rated power (MMA)</b>	160A	200A
<b>Duty Cycle 40°C</b>	45%	45%
<b>Duty Cycle 20°C</b>	60%	70%
<b>Stick electrode</b>	1,6 - 4,00 mm	1,6 - 4,00 mm
<b>Peak current</b>	180A	220A
<b>Welding Current Range (MMA)</b>	10 - 160A (20,4 - 26,4V)	10 - 200A (20,4 - 28V)
<b>Connection Capacity (40°C) 60%</b>	140A	170A
<b>Connection Capacity (40°C) 100%</b>	100A	110A
<b>Connection Voltage</b>	230V 1ph	230V 1ph
<b>Working Voltage</b>	180 - 280V	180 - 280V
<b>Open Circuit Voltage (OCV)</b>	80V	75V
<b>Absorbed Power (Kva)</b>	6,6Kva	9,5 Kva
<b>Imax</b>	33A	38A
<b>Ieff</b>	22,2A	25,5A
<b>Fuse, delayed</b>	16A	25A
<b>Regulation panel (stepless)</b>	ANALOG	ANALOG
<b>Fan System</b>	CROSS FAN	CROSS FAN
<b>Degree of protection</b>	IP 23 S	IP 23 S
<b>Dimensions (LxWxH) mm.</b>	305x115x225	380x115x225
<b>Weight</b>	4,5 Kg	7,5 Kg
<b>Norms</b>	EN-60974-1, EN-60974-10	
<b>Ref.</b>	04106	04132

#### Application Field

- Welding for all types of electrodes. (except Aluminium)
- Industrial maintenance and repair.
- Metal workshops
- Construction industry
- TIG welding in carbon steel and stainless steels.

#### Main characteristics:

The STYL and STYL PRO line apply INVERTER technology in compact models with power with ranges from 160 to 200 amps. This equipment has excellent capacities when working with coated electrodes, with the option of welding in TIG mode.

- High power output (160 / 200 Amp) with minimum weight (4,5 kg).
- Easy to use with INVERTER technology for supplying DC continual current.
- Minimum consumption through excellent energy efficiency.
- Equipped with Anti-Stick, Arc-Force, Hot-Start and Lift-Arc (TIG) options.
- Connectable to generators with a wide range of working voltages.



## Inverter ICON PRO

### THE UNMATCHED COMBINATION between power and innovations

Technical specification	ICON 2070 PRO DIGICEL
<b>Rated power (MMA)</b>	180A
<b>Duty Cycle 40°C</b>	45%
<b>Duty Cycle 20°C</b>	60%
<b>Stick electrode</b>	1,6 - 5,00 mm
<b>Peak current</b>	ARC - SENSE
<b>Welding Current Range (MMA)</b>	10-180A (20,4 - 27,2V)
<b>Connection Capacity (40°C) 60%</b>	160A
<b>Connection Capacity (40°C) 100%</b>	120A
<b>Connection Voltage</b>	230V 1ph
<b>Working Voltage</b>	180-310V
<b>Open Circuit Voltage (OCV)</b>	92V
<b>Absorbed Power (Kva)</b>	8,5 Kva
<b>Imax</b>	37A
<b>Ieff</b>	24,8A
<b>Fuse, delayed</b>	16A
<b>Regulation panel (stepless)</b>	Digital "Digicel"
<b>Fan System</b>	Double AUTO
<b>Degree of protection</b>	IP 23 S
<b>Dimensions (LxWxH) mm.</b>	430x175x325
<b>Weight</b>	6,9 Kg
<b>Norms</b>	EN-60974-1, EN-60974-10
<b>Ref.</b>	04175

#### Application Field

- Excellent ARC stability even on the most difficult JOB's as it's 6G or Pipe Welding with 6010 / 6011 & 7018.
- Maintenance with Aluminum Electrode, Perfect ignition and arc stability with AISI.

#### Main characteristics:

The ICON PRO 2070 DIGICEL, has been designed to offer superior results on Aluminum and Cellulosic electrodes. offering at the same time excellent results in traditional electrodes like, Rutil, Basics, 7018, 6013, 6010, 6011 ... Digital LED display, Adjustable HOT START, Adjustable ARC FORCE or Encoder in the Knob, to offer a SUPERIOR PRECISION, even on difficult conditions.

- DDR (Dual Density Reinforcement): exclusive Anti-Shock construction.
- Arc stability and control, independent of the electrode-material distance with ARCSENSE regulation.
- Double automatic ventilation, acting only when the equipment needs it.
- STAND-BY position, when the equipment is not in operation.
- Minimum consumption through excellent energy efficiency.
- Equipped with Anti-Stick, Arc-Force, Hot-Start and Lift-arc (TIG) options.
- Connectable to generators with a wide range of working voltages.

#### Application Field

- Industry
- Building trade and industry
- Chemical plant construction
- Industrial plants, pipeline construction, All Companies with heavy electrode use up to 8 mm.

#### Main characteristics:

- Excellent ARC in all conditions, even on 6G.
- Low energy consumption.- Ready for 8 mm, Heavy Duty Work.

\*Final Specifications and Design, may vary.



## AeroARC 400

### POWERFULL & EFFICIENT for heavy work

Technical specification	AEROARC 400	
<b>Rated power (MMA)</b>	400A	<b>Absorbed Power (Kva)</b> 16 Kva
<b>Duty Cycle 40°C</b>	40%	<b>Imax</b> 37A
<b>Duty Cycle 20°C</b>	60%	<b>Ieff</b> 24,8A
<b>Stick electrode</b>	1,6 - 8,00 mm	<b>Fuse, delayed</b> 16A
<b>Peak current</b>	ARC - SENSE	<b>Regulation panel (stepless)</b> Digital
<b>Welding Current Range (MMA)</b>	5-400A (20,2 -36V)	<b>Fan System</b> Tunnel AUTO
<b>Connection Capacity (40°C) 60%</b>	350A	<b>Degree of protection</b> IP 23 S
<b>Connection Capacity (40°C) 100%</b>	270A	<b>Dimensions (LxWxH) mm.</b> 590x280x410
<b>Connection Voltage</b>	400V- 3Ph	<b>Weight</b> 28 Kg
<b>Working Voltage</b>	+ / - 15%	<b>Norms</b> EN-60974-1, EN-60974-10
<b>Open Circuit Voltage (OCV)</b>	70V	<b>Ref.</b> New 2013



#### Application Field

- TIG welding for all types of carbon and stainless steels.
- Welding for all types of coated electrodes such as rutile, basic, stainless.
- Boilermaking, pipe welding, tanks, industrial maintenance work, etc.

#### Main characteristics:

ICONTIG means precision. Never before has a range of INVERTER equipment provided so many solutions for Tig-DC industrial welding. With its DDR patented, innovative construction, its extensive operational range under intense conditions and demanding environments and for its unmatched results in reliability and features, this is undoubtedly the best option for the most demanding professionals

- DDR (Dual Density Reinforcement): exclusive Anti-Shock construction.
- Arc stability and control, independent of the electrode-material distance with ARCSENSE regulation.
- Double automatic ventilation, acting only when the equipment needs it.
- STAND-BY position, when the equipment is not in operation.
- Minimum consumption through excellent energy efficiency.
- Equipped with Anti-Stick, Arc-Force, Hot-Start and Lift-Arc/HF (TIG) options.
- Connectable to generators
- with a wide range of working voltages
- Equipado con los dispositivos Anti-stick , Arc-Force, Hot- Start y Lift-Arc / HF (TIG).
- Conectable a generadores con un amplio rango de voltaje de trabajo.



#### Application Field

- TIG welding for all types of carbon steel, stainless steel and aluminium.
- Welding for all types of coated electrodes such as rutile, basic, stainless and aluminium.
- Boilermaking, pipe welding, tanks, industrial maintenance work, etc

#### Main characteristics:

The AEROTIG AC/DC equipment range is the professional TIG solution above and beyond the rest. Incredible results are guaranteed in carbon steels and stainless steels and a wide range of ALUMINIUM alloys, thanks to its highly powerful AC/DC inverter technology. With 220A of power, countless regulation possibilities throughout the welding curve and devices –such as remote control or pedal regulation options, there is no application for which cannot be used, the best of the best in a compromise between precision and power.

- Arc stability and control, independent of the electrode-material distance with ARCSENSE regulation.
- Auto Mode synergic control for AC parameters (balance-frequency-offset) facilitating optimum and easy adjustment.
- Double automatic ventilation, acting only when the equipment needs it.
- STAND-BY position, when the equipment is not in operation.
- Minimum consumption through excellent energy efficiency.
- Equipped with Anti-Stick, Arc-Force, Hot-Start and Lift-Arc/HF (TIG) options.

## Inverter icon TIG & PRO

### Portability and regulation capacity; the TIG-DC industrial

Technical specification	ICON TIG 1880 HF	ICON TIG PRO 2110 HF
<b>Rated power (TIG)</b>	180A	220A
<b>Duty Cycle 40°C</b>	50%	80%
<b>Duty Cycle 20°C</b>	75%	90%
<b>TIG electrode Range</b>	1,0 - 2,4 mm	1,0 - 3,2 mm.
<b>Rated power (MMA)</b>	160A	200A
<b>Duty Cycle 40°C</b>	45%	60%
<b>Duty Cycle 20°C</b>	70%	75%
<b>Stick electrode</b>	1,6 - 4,0 mm.	1,6 - 5,0 mm.
<b>Welding Current Range (TIG)</b>	10- 180A (10,4 - 16,4v)	10- 220A (10,4 -23,2V)
<b>Connection Capacity (40°C) 60%</b>	140A	200 (80%)
<b>Connection Capacity (40°C) 100%</b>	110A	160A
<b>Welding Current Range (MMA)</b>	10 - 160A (20,4 -26,4V)	10 - 200A (20,4 - 28v)
<b>Duty Cycle 40°C</b>	130A	200A
<b>Duty Cycle 20°C</b>	100A	150A
<b>Connection Voltage</b>	230V - 1Ph	230V - 1Ph
<b>Working Voltage</b>	120V - 310V	120V - 310V
<b>Absorbed Power (Kva)</b>	6,5 Kva	8,5 Kva
<b>Fuse, delayed</b>	25A	32A
<b>Open Circuit Voltage (OCV)</b>	80V	80V
<b>Regulation panel (stepless)</b>	IconTig "Basic"	IconTig "Basic"
<b>Fan System</b>	Double AUTO	Double AUTO
<b>Degree of protection</b>	IP 23 S	IP 23 S
<b>Dimensions (LxWxH) mm.</b>	320X135X285	430X175X325
<b>Weight</b>	4,9 Kg	7,2 Kg
<b>Norms</b>	EN-60974-1, EN-60974-10	
<b>Ref.</b>	04176	04194
<b>Ref. KIT</b>	K0013.04176	K0015.04190
<b>Kit Includes</b>	Torch + gas Regulator	



### Automatic welding expert

Technical specification	AEROTIG 2330 L HFP AC/DC
<b>Rated power (TIG)</b>	200A
<b>Duty Cycle 40°C</b>	45%
<b>Duty Cycle 20°C</b>	60%
<b>TIG electrode Range</b>	1,0 - 3,2 mm
<b>Rated power (MMA)</b>	200A
<b>Duty Cycle 40°C</b>	45%
<b>Duty Cycle 20°C</b>	60%
<b>Stick electrode</b>	1,0 - 4,0 mm
<b>Welding Current Range (TIG)</b>	10-200A (10,4 -23,2V)
<b>Connection Capacity (40°C) 60%</b>	170A
<b>Connection Capacity (40°C) 100%</b>	140A
<b>Welding Current Range (MMA)</b>	10-200A (20,4 - 28V)
<b>Duty Cycle 40°C</b>	45%
<b>Duty Cycle 20°C</b>	60%
<b>Connection Voltage</b>	230V - 1Ph
<b>Working Voltage</b>	180V - 280V
<b>Absorbed Power (Kva)</b>	9,5 Kva
<b>Fuse, delayed</b>	25A
<b>Open Circuit Voltage (OCV)</b>	90V
<b>Regulation panel (stepless)</b>	AEROTIG "ac/dc pulse" (1)
<b>Fan System</b>	Tunnel AUTO
<b>Degree of protection</b>	IP 23 S
<b>Dimensions (LxWxH) mm.</b>	465x280x360
<b>Weight</b>	14 Kg
<b>Norms</b>	EN-60974-1, EN-60974-10
<b>Ref.</b>	56133
<b>Ref. KIT</b>	K0085.56133
<b>Kit Includes</b>	Torch + gas Regulator



## AeroMIG.SY AeroMIG.DSY

### Productivity made easy

#### Application Field

- Heavy Duty Mig / Mag Use
- Shipyards, Engineering companies

#### Main characteristics:

The Intelligent arc control system, Synergic Fuzzy Logic, adjusts the arc welding according to the position of the torch or irregularities of work pieces. This will get more consistent welds, a better finish minimizing projections and a easier, faster and more accurate set of the Machine.

Patented ventilation System, give you 20% more on a compact frame.

- Double inductance, achieving excellent results in welding materials of a reduced thickness and applications in ALUMINIUM.
- BURN-BACK and SOFT-START are both adjustable, facilitating the adaptation of the equipment to multiple applications such as spot welding and high speed welding, etc.
- Welding in 2 and 4 stroke (2T/4T) options meaning that welding can take place semiautomatically when the 4 stroke (4T) option is selected.
- BPS Box pressure ventilation system which increases performance, while being ideal for heavy work which requires large scale working capacity.
- BPS automatic - operates only when the equipment needs it, and so avoids an excess of metallic particles in the interior of the equipment and unnecessary energy consumption when the equipment is at rest.
- Digital Display that shows instant Amp / Volt, and after each welding stop, shows the average of the welding time.
- Inbuild Arc time counter, to control control the costs of production.
- Inbuild Wire Meter, to control the costs of production (Up to 500m.)
- Synergic for a variety of materials, Aluminum, Fe, SS ...
- Easy to Operate PANEL and overall design.

Technical specification	AEROMIG 380 SY DI	AEROMIG 480 SY DI	AEROMIG 370 DSY DI	AEROMIG 390 DSY DI	AEROMIG 490 DSY DI
<b>Rated power (MIG)</b>	350A	450A	300A	350A	450A
<b>Connection Capacity (40°C)</b>	60%	40%	40%	60%	60%
<b>Wire Size capabilities</b>	0,6 - 1,2 mm.	0,6 - 1,6 mm.	0,6 - 1,2 mm.	0,6 - 1,2 mm.	0,6 - 1,6 mm.
<b>Welding Current Range (MIG)</b>	25 - 350 A	30 - 450A	25 - 300A	25 - 350A	30 - 450A
<b>Connection Capacity (40°C) 60%</b>	350A	380A	270	350A	450A
<b>Connection Capacity (40°C) 100%</b>	250A	290A	220A	250A	350A
<b>Connection Voltage</b>	230 / 400V 3ph	230 / 400V 3ph	230 / 400V 3ph	230 / 400V 3ph	230 / 400V 3ph
<b>Absorbed Power (Kva)</b>	17,3 Kva	20 Kva	14 Kva	17,3 Kva	24 Kva
<b>Fuse, delayed</b>	40 / 25A	50 / 32A	30 / 20A	43 / 25A	60 / 35A
<b>Open Circuit Voltage (OCV)</b>	25 - 43V	30 - 51V	17 - 40V	20 - 48V	20 - 50V
<b>Wire Feeder Rollers</b>	4	4	4	4	4
<b>Wire Feeder Power</b>	90W	90W	90W	90W	90W
<b>Wire Feeder Speed (Max.)</b>	27 m/min.	27 m/min.	27 m/min.	27 m/min.	27 m/min.
<b>Spool Diameter Compatibility</b>	D200 / D300	D200 / D300	D200 / D300	D200 / D300	D200 / D300
<b>Amperage Settings</b>	20	30	10	20	30
<b>Earth Connects</b>	2	2	1	2	2
<b>Fan System</b>	BPS	BPS	AUTOMATIC FAN	BPS	BPS
<b>Degree of protection</b>	IP23	IP23	IP23	IP23	IP23
<b>Dimensions (LxWxH) mm.</b>	990x380x900	990x380x900	990x380x1270	990x380x1270	990x380x1270
<b>Weight</b>	92 Kg	95 Kg	92 Kg	100 Kg	120 Kg
<b>Norms</b>	EN-60974-1, EN-60974-10				
<b>Ref.</b>	56147	56148	56198	56152	56149



### Productivity made easy

#### Application Field

- Heavy Duty Mig / Mag Use
- Shipyards, Engineering companies.

#### Main characteristics:

The New AeroWave 420, takes the MIG/MAG welding to a new level on productivity and efficiency, thanks to it's new patented technologies, that permits to offer the highest efficiency level on the market, together with a longer life time.

Technical specification	AEROWAVE 420
<b>Rated power (MIG)</b>	420A
<b>Connection Capacity (40°C)</b>	40%
<b>Wire Size capabilities</b>	0,6 - 1,6 mm.
<b>Welding Current Range (MIG)</b>	10 - 420A
<b>Connection Capacity (40°C) 60%</b>	350A
<b>Connection Capacity (40°C) 100%</b>	300A
<b>Connection Voltage</b>	400V 3ph
<b>Absorbed Power (Kva)</b>	16,4 Kva
<b>Fuse, delayed</b>	25A
<b>Open Circuit Voltage (OCV)</b>	70V
<b>Wire Feeder Rollers</b>	4
<b>Wire Feeder Power</b>	90W
<b>Wire Feeder Speed (Max.)</b>	27 m/min.
<b>Spool Diameter Compatibility</b>	D200 / D300
<b>Amperage Settings</b>	Digital Stepless
<b>Inductance</b>	Digital Regulated
<b>Fan System</b>	Tunnel AUTO
<b>Degree of protection</b>	IP23
<b>Dimensions (LxWxH) mm.</b>	590x280x800
<b>Weight</b>	30 Kg
<b>Norms</b>	EN-60974-1, EN-60974-10
<b>Ref.</b>	New 2013

\*Final Specifications and Design, may vary.