

Origo™ Arc4001i, A22/A24

Optimum welding solutions

Robust and powerful

An Origo™ Arc 4001i with either the A22 or A24 control panel, is your ideal partner for efficient MMA welding production indoor or outdoor, installation on site and for a wide range of repair & maintenance applications.

The power source is a compact and sturdy piece of equipment with a chassis made of galvanized steel which is designed to withstand the roughest of treatment.

The power source is based on inverter IGBT technology that ensures reliable equipment with outstanding welding characteristics.

The communications and control CAN-bus system means less cables, which in turn increases operational reliability.

MMA applications

Origo™ Arc 4001i can weld most metals from alloyed and non alloyed steel to stainless steel and cast iron.

Flexibility

The fundamental parts are the 400 A power module. The link between man and machine is the communicator. You can choose between two control panels (MMC) depending upon your requirements and demands. Both of them are clear, easy to understand and operate.

Origo™ **A22** is a one knob panel for setting and adjustment of welding current in MMA and TIG (LiveTIG™) and includes a digital ammeter.

Origo™ **A24** is a more sophisticated panel for MMA, TIG (LiveTIG™) and MIG/MAG (CV mode) inclusive a digital A/V-meter.



Panel (MMC) functions	Origo™ A22	Origo™ A24
Welding method MMA/TIG	X	X
Welding method MIG/MAG (CV)	X	
Remote ON/OFF	X	X
Selection of electrode type	X	
Arc Force (x)		X
Hot start (x)		X
Droplet welding	(x)	(x)
Min current setting TIG	(x)	(x)
Step-less inductance (CV)		X
Digital ammeter		X
Digital V/A-meters	X	
Memory, 2 set		X

Market Segments

- Civil Construction & Field Erection
- Energy Generation
- Pipeline Contractors
- Earth Moving and Mining
- Offshore and Shipbuilding

Applications

- Outdoor Heavy Installation on Site
- Outdoor Maintenance and Repair on Site

- Outstanding welding characteristics- high efficiency and high quality welding.
- Efficient Man Machine Communication by the user- friendly control panels Origo™ A22 and A24
- The Origo™ Arc A24 allows the choice of electrode type, rutile, basic and cellulosic for optimal welding qualities and has an easy to read digital display to indicate current/voltage.
- Adjustable Arc force and Hot start to optimise the welding starts (Origo™ A24)
- Enclosure class IP 23
- Dust filter to handle tough and dirty environments by prevent grinding-dust and metal particles from entering the machine.

Technical data

Arc 4001i

Mains voltage V, Hz	400, 3~ 50/60
Fuse, slow , A	20
Mains cable , Ø mm ²	4 x 4
Permitted load MMA at	
35% duty cycle A/V	400 / 36
60% duty cycle A/V	320 / 32,8
100% duty cycle A/V	250 / 30
Setting range A	
MIG/MAG	20 - 400
MMA	16 - 400
TIG	4 - 400
Open circuit voltage V	91
Open circuit power W	60
Power factor at maximum current	0,89
Efficiency at maximum current %	85
Dimensions lwxhxh mm	652x249x423
Weight , incl mains cable and plug, kg	40
Operating temperature	-10 to +40°C
Enclosure class	IP 23
Application classification	S



The instruction manual include additional technical data.



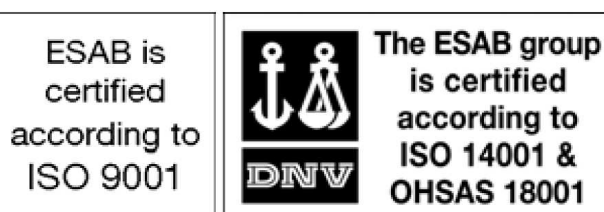
Ordering information

Description	Code
Origo™ Arc 4001i, A22	1620607505
Origo™ Arc 4001i, A24	1620607506

Delivery content: 5 m mains cable incl plug

Accessories – part number

Protection frame	1620607594
Remote control AT1 CAN	1620607329
Remote interconnection cables	
5 m	1620607568
10 m	1620607569
25 m	1620607570



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