



Origo™ Arc 300/400

A range of movable core rectifiers for MMA welding

ESAB used its extensive welding know-how and chose the latest high quality materials to develop an economical range of movable core rectifiers. This resulted in simple units for industrial use at a comparatively low cost with good welding performance. Needless to say, these units also meet European standards.

Welding

The Origo™ Arc d.c. range supplies direct current, making it possible to weld most materials. As movable core rectifiers, these units have low minimum current, allowing welding with smaller diameter electrodes, which in turn makes it possible to weld thinner materials.

Adjusting welding current

Welding current is easily adjusted by turning the crank on the front of the Origo™ Arc and the set current can be seen in the window on the top.



Transport

Moving the rectifier around the work site is simplified by wheels and a sturdy handle, which is also useful for winding up the cables during transport. Strong eyelets facilitate lifting by crane or other means.

Applications

- General fabrication and civil construction
- Repair and maintenance
- Power generation
- Pipelines

- Low investment cost per amperage
- No electronics -an advantage for remote operations
- Multivoltage version available
- Approved according to European standards -CE marked
- Supplies direct current - welds most materials
- Designed for use in damp and confined areas -S marked
- IP 23-For outdoor use

Technical data

	Origo™ Arc 300	Origo™ Arc 400
Mains voltage V/ph Hz	400 50/60	400 50/60
Fuse (slow), A	25	35
Permitted load		
40% duty cycle, A /V	285/ 31,4	400/36
100% duty cycle, A	150/26	230/29,2
Setting range (DC) A	55-300	65-400
Open circuit voltage, V	65-75	70-80
Dimensions l x w x h, mm	510 x 544 x 615	570 x 560 x 770
Weight, kg	105	158
Enclosure class	IP 23	IP 23
Application classification	S	S
Standards	IEC60974-1, EN50199	IEC60974-1, EN50199

Ordering information

Origo™ Arc 300	0700 160 881
Origo™ Arc 400	0700 160 882

Multivoltage versions

Origo™ Arc 300	
mains supply 230/400/500/550V 50/60	0700 160 884
Origo™ Arc 400	
mains supply 230/400/500/550V 50/60	0700 160 885

ACCESSORIES

Eye-Tech Mono 10/11, weight 480 g	0700 000 888
Two-row stainless steel brush	0760 024 500
EHKF 20 Electrode Holder, 200 amps	EHSK2 00000
Chipping hammer SH3	0683 200 001
Heavy Duty Basic	0700 005 007

Quality accessories for the quality welder

ESAB offers a wide range of accessories. The complete range, along with product information, is available at our local web-sites, look at www.esab.com or contact your local ESAB dealer.



Unrivalled service and support

Our commitment and ability to deliver the expected service and support starts immediately after the order is confirmed. We endeavour to offer our customers an After Sales service, which is second to none. A strong and skilful service organisation is prepared to offer service and maintenance, calibration, validation and upgrading of equipment and software.

The service organisation will offer standardised solutions for the reconditioning or modification of existing products.

Spare and wear parts are manufactured according to ESAB's quality plan. Exchange Printed Circuit Board (PCB), exchange modules and components are available for all our products in order to reduce downtime to an absolute minimum. ESAB is continuously upgrading authorised service partners for local service support. Customers who have their own service and maintenance personnel will always be offered a service-training package as part of a total ESAB offering. However, product and process training for end-users will form an additional part of the ESAB offering. Always ask your ESAB sales representative or distributor for a complete ESAB solution.



ESAB AB
 Box 8004
 SE-402 77 GÖTEBORG SWEDEN
 Phone: +46 31 50 90 00 Fax +46 31 22 04 49
 E-mail: info@esab.se
www.esabasia.com

