



ORIGOTM MIG 320

POWERFUL AND FLEXIBLE



ORIGO™ MIG 320

ROBUST AND POWERFUL

Origo™ Mig 320 is a step switched power source for MIG/MAG welding. Well proven technology together with ESAB developed software provides high reliability and outstanding welding performance.

The machines are made with a strong galvanised metal casing to withstand harsh environments. The large wheels, sturdy lifting eyelets and an under carriage designed for transport with forklift makes the machines easy to move.

FLEXIBILITY

- The machines are optimised to operate together with Origo™ Feed 304 wire feeder. As standard the wire feed unit sits on a swivel post mounted on the top of the Origo™ Mig providing a 360 degree radius of operation.
- Different wire feed unit mounting options, and interconnection cable lengths of up to 35 metres provide maximum flexibility and working area.

EASY TO USE

The wide current and voltage range make it easy to optimise settings for a wide variety of filler materials and gases.

APPLICATIONS

- Auto-repair
- General steel fabrication
- Vehicle industry
- Household and furniture

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 websites 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.

ORIGO™ MIG 320

TECHNICAL DATA, ORIGO™ MIG 320

Mains Voltage, V/Ph Hz	400-415 3~ 50/60 or 230/400-415/500, 3~ 50 230/440-460, 3~ 60
Fuse Slow, V/A	230/20 - 400/16
Mains cable, mm ²	4 x 2.5
Permitted load at	
30% duty cycle, A/V	320 / 30
60% duty cycle, A/V	250 / 27
100% duty cycle, A/V	195 / 24
Setting range, (DC), A/V	40 / 16 - 320 / 30
Open Circuit Voltage, V	16 - 40
Open Circuit Voltage, W	200
Power factor at maximum current	0.94
Efficiency at maximum current, %	75
Control voltage, V, Hz	42 , 50/60
Voltage steps	40
Inductance outlets	2
Dimensions lxxwxh, mm	840 x 425 x 830
Weight, kg	111
Operating temperature, °C	-10 to +40
Enclosure class	IP 23
Application classification	S

MIG 320 PLANT CONTENTS PART NO W1009670

Description	Item number
Origo MIG 320 Power Source, mains cable 5m 415V/3Phase (NO plug)	0349 312 600
Origo Feed 304 M12	0459 116 882
Interconnection Cable Set 10m	0469 836 881
MIG Torch PSF315 4.0m	0700 025 031
0.9mm M6 Contact Tip (Fitted)	0468 500 002
0.9/1.2mm Feed Roll (Fitted)	0459 052 003

Work lead with clamp 5m, Cylinder tray, Regulator Comet 250 Argon 45LPM 21017, Kit Connector 5/8-18UNF RH 308689 & instruction manual

ORDERING INFORMATION

Description	Item number
Origo™ Mig 320 (400-415V 50Hz)	0349 312 600
Interconnection cables	
Air 1.7 m	0469 836 880
Air 10m	0469 836 881
Air 15m	0469 836 882
Air 25m	0469 836 883
Air 35m	0469 836 884

Delivery content: 5 m mains cable, wheels, 5m return cable with clamps, shelf for gas cylinder and a guide pin for the wire feeder, instruction manual.



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