

Origo™ Mig C280 PRO/C340 PRO

Compact, strong and mobile

Robust and powerful

Origo™ Mig C280 PRO and Origo™ Mig C340 PRO are sturdy and robust step-controlled compact power units. They are intended for medium duty MIG/MAG welding with solid wires of steel, stainless steel or aluminium, and cored wires with or without shielding gas. 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 and built-in wire feeder ensures these units are practical and mobile solutions.

Flexibility

The Origo™ Mig C280 PRO is a 10 voltage step unit. The operator can adjust wire feed speed, burnback time and spot welding time.

The Origo™ Mig C340 PRO is a 40 voltage step unit. The operator can adjust wire feed speed and he can select 2/4 stroke control and creep start.

As an option the Origo™ Mig C280 PRO and Origo™ Mig C340 PRO can be equipped with air filter and transformer for CO₂ heater.



Applications

- Auto-repair
- Light metal fabrication
- Transport
- Education
- Household and furniture
- Tack welding

Easy to use

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

The in series fitted and calibrated digital meter kit provides an accurate reading of the set welding parameters and will hold its display even after welding has finished.

The Origo™ Mig C280 PRO and Origo™ Mig C340 PRO operate with air cooled welding torches.

- **Outstanding welding characteristics**- high efficiency and high quality welding.
- **Standard digital V/A meter kit** – makes parameters visible and helps to improve weld quality.
- **Sturdy galvanised metal casing with air filter as option** - made to withstand tough corrosive and dirty environments.
- **Wide current and voltage range**- multiple purpose applications.
- **Two inductance outlets**- easy to optimise settings for different applications.



Technical data

	Origo™ Mig C280 PRO	Origo™ Mig C340 PRO
Mains voltage V, ph Hz	400-415 3~ 50/60 or 230/400-415/500, 3~ 50 230/440-460, 3~ 60	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	230/20 - 400/16
Mains cable, mm²	4 x 1,5	4 x 2,5
Permitted load at		
30% duty cycle, A/V	280 / 28	340 / 31
60% duty cycle, A/V	190 / 24	250 / 27
100% duty cycle, A/V	150 / 22	195 / 24
Setting range (DC), A/V	30 / 15 - 280 / 28	40 / 16 - 340 / 31
Open circuit voltage, V	15-38	16-40
Open circuit power, W	190	240
Power factor at maximum current	0,97	0,97
Efficiency at maximum current, %	71	75
Voltage steps	10	40
Inductance outlets	2	2
Dimensions lwxhxh, mm	840x 425 x 830	840x 425 x 830
Weight, kg	97	120
Operating temperature, °C	-10 to +40	-10 to +40
Enclosure class	IP 23	IP 23
Application classification	S	S
2/4 stroke control	-	yes
Wire feed speed, m/min	1,9-19	1,9-20
Wire dimensions		
Steel*, mm	0,6-1,0	0,6-1,2
Aluminium, mm	1,0-1,2	1,0-1,2
Stainless, mm	0,6-1,0	0,6-1,2
Cored wire, mm	1,0-1,2	1,0-1,2
Creep start	-	yes
Spot welding, s	0,2-2,5	-
Adjustable burnback time, s	0-0,25	0-0,5
Wire spool Ø 300mm, kg	18	18

* unalloyed solid wire

Ordering information

Origo™ Mig C280 PRO 2WD (400-415V 50Hz)	0349 312 510
Origo™ Mig C280 PRO 2WD (230/400-415/500V 50Hz ; 230/440-460V 60Hz)	0349 312 540
Origo™ Mig C280 PRO 4WD (400-415V 50 Hz)	0349 312 520
Origo™ Mig C280 PRO 4WD (230/400-415/500V 50Hz ; 230/ 440-460V 60Hz)	0349 312 530
Origo™ Mig C340 PRO 2WD (400-415V 50Hz)	0349 312 550
Origo™ Mig C340 PRO 4WD (400-415V 50Hz)	0349 310 830
Origo™ Mig C340 PRO 2WD (230/400-415/500V 50Hz ; 230/440-460V 60Hz)	0349 312 560
Origo™ Mig C340 PRO 4WD (230/400-415/500V 50Hz ; 230/440-460V 60Hz)	0349 312 570
Air filter	0349 302 599
Transformer for CO ₂ heater	0349 302 250
Cable holder	0349 303 362

Delivery content: welding torch PSF™ 250 3m (for Origo™ Mig C280 PRO), PSF™ 250 4,5m (for Origo™ Mig C280 PRO 4WD), PSF™ 305 3m (for Origo™ Mig C340 PRO), PSF™ 305 4,5m (for Origo™ Mig C340 PRO 4WD), 5m mains cable, wheels, 3,5m return cable (5m for 4WD) with clamps, shelf for gas cylinder, instruction manual.

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.



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