

Origo™ Mig C141/C151

Welding machines for everyone

The ESAB Origo™ Mig C141 and C151 are the ideal welding machines for the less complex welding application, but where a high quality result is of the uppermost importance. Both are step regulated welding power sources with a built-in wire feeder. These low weight units are perfect, practical solutions for farmers, repair shops and light production applications.

MIG welding

Origo™ Mig C141 and C151 can be used with both conventional solid wire and self-shielding cored wire. They are designed for welding both steel, stainless steel and aluminum as well as Mig brazing.

Wire diameters 0,6; 0,8 mm or 1,0 mm can be used depending on work-piece size and material.

Easy to use

The units are equipped with multi-step voltage switches and potentiometers for wire speed adjusting and easy setting of the welding parameters.

The units are fan-cooled and equipped with thermal overload protection.



Torch included

Each machine is equipped with the ergonomically designed, gas-cooled torch, MXL™ 150v.

The MXL™ 150v is delivered with a 2.5 m cable and is permanently connected to the power source.

Optimum cooling of the torch gives an extended life to the swan neck and the wear parts. Three different version of gas nozzle are available, standard, straight and conical for maximum flexibility.

Applications

- **Agricultural applications**
- **Auto-repair**
- **Light metal fabrication**
- **Transport**
- **Education**
- **Household and furniture**

- **Easy change of polarity** – allows use with both conventional solid wire and self-shielding cored wire.
- **Easy setting of welding parameters** - welding machines for everyone
- **MXL™ Torches** - designed to provide the utmost in convenience and versatility



Technical data

	Origo™ Mig C141	Origo™ Mig C151
Mains voltage , V, Hz	230 1ph 50/60	230 1ph 50/60
Fuse, A-slow	10	10
Auto fuse (MCB) EN 60898 type D, A	16	16
Permitted load at		
20% duty cycle, A	100	150
25% duty cycle, A	83	-
50% duty cycle, A	-	95
60% duty cycle, A	54	87
100% duty cycle, A	42	67
Setting range (DC) , A	35 - 130	30 - 150
Open circuit voltage , V	18,7 - 25,1	17,3 - 24,3
Open circuit power , W	75	110
Power factor at maximum current	0,91	0,92
Wire feed speed, m/min	2,0 - 14	2,0 - 14
Wire diameter, mm		
Fe, Ss	0,6 - 0,8	0,6 - 0,8
C	0,8	0,8
Al	1,0	1,0
CuSi	0,8	0,8
Voltage steps	4	7
Inductance outlets	1	1
Polarity change	YES	YES
Dimensions l x w x h, mm	650 x 300 x 550	650 x 300 x 550
Weight, kg	25	37,5
Operating temperature, °C	-10 to +40	-10 to +40
Enclosure class	IP 23	IP 23
Application classification	S	S

Wear parts

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Wire Ø mm	Wire type	1 Feed roller	2 Pressure roller	3 Inlet nozzle	4 Insert tube	5 Contact tip	Groove type
0,6 / 0,8	Fe, Ss, C	469517-001					V
1,0 / 1,0	Al.	349311-443			349311-441	349311-442	U
	C-cored wire						

Ordering information

Origo™ Mig C141 (230V 1 ph 50/60 Hz)	0349 311 170
Origo™ Mig C151 (230V 1 ph 50/60 Hz)	0349 311 180
Wheel kit (for Origo™ Mig C141)	0349 309 073

Delivery content:

Origo™ Mig C141/C151; Welding torch MXL™ 150V 2,5 m (contact tip 0,8) assembled feed roller 0,6-0,8
3m mains cable with plug, 3m return cable with clamp, gas hose 1,5m, shelf for gas cylinder (for Origo™ Mig C141 - as option), attachment chain for gas cylinder, instruction manual.

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.



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