

# Rebel™ EMP 235ic

Dual input voltage machine for MIG/MAG, MMA and Lift TIG



EMP 235ic – the next series of Rebel welding machines that offer TRUE multi-process performance in a portable/mobile package. When it comes to getting around and getting work done, Rebel 235ic is second to none. It's the most mobile welder in its class and has the power and performance to crush even the most demanding jobs.

- True Multi-Process – excellent performance on MIG/MAG, TIG and MMA.
- Extremely user friendly and multilingual TFT-panel incorporating spare part lists and weld parameter guides for all processes.
- Unmatched Portability – weighing in at 28,6 kg with dual voltage capability and 4 handle roll cage.
- Power to Perform – capable of running any wire from 0-6 mm to 1.0 mm and also cored wires up to 1.2 mm on both 200 and 300 mm spools.
- Full MMA performance with electrodes up to 4 mm and excellent Lift TIG performance with adjustable pre/post gas flow and weld current ramp up/down.
- sMIG Technology – innovative “smart-MIG” feature that dynamically monitors the arc characteristics ultimately adapting to your technique resulting in a smooth, stable arc. Set wire diameter, material and plate thickness and you are ready to weld.
- Two gas inlets, one for MIG and one for TIG where both can be connected simultaneously. Built in TIG gas solenoid valve on the front of the machine eliminating the need for a manual valve on the TIG torch.

Visit [esab.com](http://esab.com) for more information.

## Industry

- General Fabrication
- Maintenance & Repair
- Construction
- Mechanical Contractors
- Automotive and Restoration
- Farm & Ranch
- HVAC
- Training Schools

When choosing a top-performing welding machine you need top-performing ESAB Filler Metals. Learn more at [esab.com/fillermetals](http://esab.com/fillermetals) today.

# Rebel™ EMP 235ic

Specifications	
Primary Voltage	120/230 VAC
Supply Voltage Range	90 – 270 VAC
Number of Phases	1
Supply Frequency	50/60 Hz
Supply Plug	230 V, Schuko 16A plug
Mains Cable	3 m 3x2,5 mm <sup>2</sup> H07RN-F
Maximum Output	250 A
MIG Welding Output (230V) 25% Duty Cycle 40% Duty Cycle 60% Duty Cycle	230 A / 25.5 V 195 A / 23.8 V 170 A / 22.5 V
MMA Welding Output (230 V) 25% Duty Cycle 60% Duty Cycle	210 A / 28.4 V 150 A / 26 V
TIG Welding Output (230 V) 40% Duty Cycle 60% Duty Cycle	235 A / 19.4 V 200 A / 18 V
MIG Welding Voltage Range	14.8 – 26 V
Wire Feed Speed Range	2.0 – 17.8 m/min
Wire Diameter Range: Mild Steel Stainless Steel Aluminum Cored wire	0.6 – 1.0 mm 0.8 – 1.0 mm 0.8 – 1.2 mm 0.8 – 1.2 mm
Wire Spool Size	100 mm, 200 mm, 300 mm
Approvals	CE: IEC/EN 60974-1, 5, 7, 10, 12 & 13. RoHS
Protection Class	IP23S
Power Source Dimensions, LxW x H	686 x 292 x 495 mm
Power Source Weight	28,6 kg

# Rebel™ EMP 235ic

## Ordering Information

Rebel EMP 235ic for MIG/MAG, MMA and Lift TIG	0700300989
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Delivery includes: Power source with 3 m mains cable and plug, MXL™ 271 3 m torch, welding and return cable kit 3 m, gas hose with quick connector 4,5 m, drive rolls and contact tips.

## Options & Accessories

SR-B 26 Torch, Air, OKC 50, 4 m	0700025580
SR-B 26 Torch, Air, OKC 50, 8 m	0700025581
SR-B 26FX-R Torch, Air, OKC 50, 4 m	0700025589
SR-B 26FX-R Torch, Air, OKC 50, 8 m	0700025590
TIG Foot Control 4,5 m cable and 8-pin connector	W4014450
2-wheel trolley	0700300872

## Wear and Spare Parts\*

MXL 271/341 Contact tip 0.8 mm	0700200068
MXL 271/341 Contact tip 1.0 mm	0700200070
MXL 271/341 Contact tip 1.2 mm	0700200071
Steel liner 3 m for 0.6 – 0.8 mm wire	0700200085
Steel liner 3 m for 1.0 – 1.2 mm wire	0700200087
Drive roll 0.6 – 0.8 mm V-groove	0367556001
Drive roll 0.8 – 1.0 mm V-groove	0367556002
Drive roll 1.0 – 1.2 mm V-groove	0367556003

\* For MIG/MAG Torch MXL 271 and drive mechanism

## Wear and Spare Parts for Aluminium

Drive roll for Aluminium 0.8 and 1.2 mm U-groove	0367556004
Aluminium outlet tube kit	0464598880
PTFE liner for Aluminium 0.8 – 1.2 mm wire	0700200091

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