

# Rebel™ Series Welding Machines

## Dual input voltage machines for MIG/MMA/Lift TIG



The Rebel™ Series Welding Machines offer 120/230V flexibility and some of the most innovative welding technology available. A breakthrough design inspired by professional welders, the Rebel is a complete package to weld anything – mild steel, aluminium, stainless steel – and go anywhere.

Choose from 2 models:

Rebel EMP 215ic for MIG/MMA/Lift TIG

Rebel EM 215ic for MIG (*coming soon*)

- True multi-process performance for best-in-class MIG, Flux-cored, MMA, including challenging electrodes, and Lift TIG welding with Rebel EMP 215ic
- Exclusive sMIG ("smart MIG") feature continuously learns and adapts to the operator's welding technique to provide a stable arc and superior, repeatable welds; increases productivity for the experienced welder, and reduces training time for novice welders.
- Innovative user interface with a large TFT display to provide a clear view of the weld parameters and settings, also from a distance. The display is loaded with exclusive features: on-demand availability of the user's manual, listing of spare parts – all in multiple languages.
- Unique, five-handle roll cage industrial design and unibody steel construction in a lightweight, highly portable unit; 3-year handle-to-handle warranty
- Rebel EMP 215ic comes ready-to-weld with professional-grade ESAB MXL 200 MIG torch with euro connector, electrode and return cable kits, 200 mm spool OK Aristorod 12.50 0.8 mm wire, 4,5 m gas hose with quick connector, contact tips and drive rolls for 0.6 – 1.0 mm wire.

Visit **esab.com** for more information.

### Industry

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Automotive
- Mechanical Contractors
- Civil Construction
- Agricultural Equipment
- HVAC
- Training Schools

## Specifications

Primary Voltage	115/230 VAC
Supply Voltage Range	95 – 270 VAC
Number of Phases	1
Supply Frequency	50/60 Hz
Supply Plug	230 V, Schuko 16A plug
Rated kVA	4.5 kVA (120 V), 7 kVA (230 V)
Mains Cable	3 m 3x2,5 mm <sup>2</sup> H07RN-F
Maximum Output	240 A
MIG Welding Output 25% Duty Cycle 20% Duty Cycle	205 A/24.3 V (230 V) 130 A/20.5 V (120 V)
MMA Welding Output 25% Duty Cycle 40% Duty Cycle	180 A/27.2 V (230 V) 90 A/23.6 V (120 V)
TIG Welding Output 30% Duty Cycle 40% Duty Cycle	180 A/17.2 V (230 V) 130 A/15.2 V (120 V)
Current Range	5 – 240 A (230 V), 5 – 150 A (120 V)
MIG Welding Voltage Range	10 – 26 V
Wire Feed Speed Range	1.5 – 12.1 m/min
Nominal OCV Volt/DC	68 V
Maximum Plate Thickness	9.5 mm
Wire Diameter Range: Mild Steel Stainless Steel Aluminum Flux Cored	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
Approvals	CSA: E60974-1-00 CE: IEC/EN 60974-1, 5, 7, 10, 12 & 13. RoHS
Protection Class	IP23S
Power Source Dimensions, Lx W x H	584 x 229 x 406 mm
Power Source Weight	18.2 kg

## Ordering Information

Rebel EMP 215ic for MIG/MMA/Lift TIG Package	0700300985
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## Options & Accessories

TIG Torch ET17v, 4 m (8 pin connection)	0700300869
TIG Foot Control incl. 4,5 m cable	W4014450
MIG Torch MXL™ 270 3m (for FCW 1.2 mm)	0700200004
2-wheel trolley	0459366887

## Wear & Spare Parts

Swan Neck	0700200051
Nozzle Spring	0700200078
Contact Tip M6 for 0,6 mm Wire	0700200063
Contact Tip M6 for 0,8 mm Wire	0700200064
Contact Tip M6 for 0,9 mm Wire	0700200065
Contact Tip M6 for 1,0 mm Wire	0700200066
Contact Tip M6 for 1.2 mm Wire (for MXL™ 270)	0700200071
Gas Nozzle Standard	0700200054
Gas Nozzle Straight	0700200057
Gas Nozzle Conical	0700200060
Gas Nozzle for Gasless Wire	0700200105
Steel Liner 3 m for 0.6 to 0.8 mm Wire	0700200085
Steel Liner 3 m for 0.9 to 1.2 mm Wire	0700200087
Feed Roller for 0.6 and 0.8 Cored, Steel and Stainless Wire	0367556001
Feed Roller for 0.8 to 1.0 Cored, Steel and Stainless Wire	0367556002
Feed Roller for 1.0 and 1.2 Cored, Steel and Stainless Wire	0367556003

## Wear & Spare Parts for Aluminium

PTFE Liner 3 m for 0.8 to 1,2 mm Aluminium wire (low friction)	0700200091
Feed Roller for 1.0 and 1.2 Aluminium wire (U-groove)	0367556004



XA00181620 / 2016-05-03 / ESAB reserves the right to alter specifications without prior notice



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COMPANY WITH  
MANAGEMENT SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =  
= ISO 14001 =  
= OHSAS 18001 =