

# Rebel™ EM 215ic

Go anywhere, weld anything



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 both solid and flux cored wire on mild steel, aluminium, stainless steel.

- 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.
- Easy to use and quick to set digital panel. The bright display makes it easy to read in direct sunlight as well as from a distance.
- Unique, five-handle roll cage industrial design and unibody steel construction in a lightweight, highly portable unit; 3-year handle-to-handle warranty
- The ergonomic welding torch MXL™ 200 delivered with the machine is ideal for solid wires. For flux cored wire ESAB recommends the heavy duty PSF™ 305.
- Rebel EM 215ic comes complete and ready-to-weld. Included in delivery:
  - MXL™ 200 welding torch 3 m
  - Return cable with clamp 3 m
  - Gas hose with quick connector 4,5 m
  - Contact tips and drive rolls (V-groove) for 0.6 – 1.0 mm wire
  - Mains cable with plug 3 m
  - OK AristoRod™ 12.50 solid wire 0.8 mm, 200 mm spool

## Industry

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

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

# Rebel™ EM 215ic

| 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<br>25% Duty Cycle<br>20% Duty Cycle                          | 205 A/24.3 V (230 V)<br>130 A/20.5 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:<br>Mild Steel<br>Stainless Steel<br>Aluminum<br>Flux Cored | 0.6 – 1.0 mm<br>0.8 – 1.0 mm<br>0.8 – 1.2 mm<br>0.8 – 1.2 mm    |
| Wire Spool Size   | 100 mm, 200 mm  |
| Approvals   | CSA: E60974-1-00<br>CE: IEC/EN 60974-1, 5, 7, 10, 12 & 13. RoHS |
| Protection Class  | IP23S   |
| Dimensions, Lx W x H  | 584 x 229 x 406 mm  |
| Weight  | 18.2 kg   |

# Rebel™ EM 215ic

## Ordering Information

|                         |            |
|-------------------------|------------|
| Rebel™ EM 215ic for MIG | 0700300986 |
|-------------------------|------------|

*Rebel EM 215ic comes ready-to-weld with ESAB MXL 200 MIG torch, 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 (V-groove) for 0.6 – 1.0 mm wire.*

## Options & Accessories

|                               |            |
|-------------------------------|------------|
| PSF™ 305 3 m (for FCW 1.2 mm) | 0458401880 |
| 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 PSF™ 305)               | 0468500008 |
| 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 (MXL™ 200) | 0700200091 |
| PTFE Liner 3m for 1.2 mm Aluminium wire (PSF™ 305)         | 0366550886 |
| Feed Roller for 1.0 and 1.2 Aluminium wire, U-groove       | 0367556004 |

# Rebel™ EM 215ic



ESAB / [esab.com](http://esab.com)

