



THE **TRUTH** ABOUT REBEL.



You do not know the meaning of a typical day – what it is like to work 9 to 5 at a desk. You do not know where you will wind up on your next job, but you do know that you will have to be ready for anything. When it comes to welding, that means any process, any power, any material, anywhere, and every time. **Meet Rebel.** The go-anywhere, weld-anything machine that has everything you need to get the job done – start to finish. It is anything but typical.





GET OUT THERE AND WELD SOMETHING.

TRUTH // HIGH PERFORMANCE

Many machines claim they are multi-process, but are little more than a MIG machine in disguise. Rebel is a true multi-process welder, which means whether you are welding MIG/MAG with solid or Flux-Cored wire, MMA – even the most tricky electrodes – or Lift TIG, Rebel will perform like it was born to run that process.

TRUTH // SMART MIG TECHNOLOGY

Whether you have been welding for two years or 20, Rebel can make your job easier with sMIG (smartMIG). For the novice, there is basic mode, which makes setup simple. For the experienced, the exclusive, built-in arc control that constantly monitors your weld and adapts for superior, repeatable welds.





TRUTH // VERSATILITY

You never know what welding process your next job will require, or what kind of input power you will have available. That is why we have packed Rebel with the kinds of features that give you the flexibility to go anywhere and weld anything.

TRUTH // UNMATCHED TOUGHNESS

You are on-site, out in the field, and in the shop. So you need a machine that you can move around and that can withstand some serious wear and tear. Rebel can. With a sturdy, five-handle roll cage, steel unibody construction, and IP23S-level protection, it is the go-anywhere machine for a reason.

TRUTH // THE TOTAL PACKAGE

It takes more than a machine to get up and welding. So when you buy a Rebel, you can expect all the equipment you need to get going – right out of the box.



THE MOST INCREDIBLE MACHINE ON-SITE.

TRUE MULTI-PROCESS.

- Professional-grade MIG performance, including flux-cored
- Excellent MMA performance, including stainless steel
- Exceptional lift TIG performance down to 5A



DUAL VOLTAGE.

- Runs on 120V–230V single-phase input power
- Top-level performance across all processes – even on 120V power
- Auto-detect knows what type of input power the machine's connected to
- Runs off a 3.7 KW (120V) or 7.5 KW (230V) generator



LARGE, 4.3-IN. (86 MM) COLOUR SCREEN.

- Intuitive LCD/TFT display
- Well protected by front handles and a hefty composite bezel
- Easily switch from one process to the next
- Built-in on-screen manual, spare parts listing, and welding parameters guide
- Multi-lingual capabilities

RUGGED CASE DESIGN.

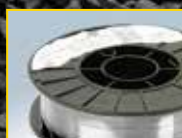
- Five-handle roll cage for easy transport and handling
- Steel unibody housing for increased protection and superior durability
- Recessed body panels for increased strength





READY-TO-WELD.

- MXL 200 MIG torch, 3 m cable
- Electrode holder kit, 3 m cable
- Return cable kit, 3 m cable
- Gas hose including quick connector, 4,5 m
- 200 mm spool OK Aristorod 12.50 0.8 mm wire
- Additional drive rolls and contact tips for 0,6 – 0,8 – 1,0 mm wire



Note: All contents listed are for the EMP 215ic.
Please see the last page for a complete listing of bundled accessories for the EM 215ic (MIG only) version.

sMIG TECHNOLOGY.

- Exclusive, built-in dynamic arc control that constantly monitors complex arc characteristics adapting to your technique to provide a smooth, stable arc and superior, repeatable welds
- Produces less spatter
- Two modes – basic and advanced

Basic mode reduces the MIG learning curve – set wire diameter and material thickness and you are ready to weld

Advanced mode gives full control to adjust the arc characteristics to your liking

SELECT WIRE DIAMETER



SET MATERIAL TYPE AND THICKNESS



START WELDING AND sMIG DOES THE REST



THE DRIVE TO DO IT ALL.

SOLID CAST ALUMINIUM FEEDER.

The design of this cast feeder mechanism increases durability, decreases wire shavings and bird nesting, provides for easy drive roll changes (no tools required), and delivers consistent feeding performance. All in all it has optimised alignment and long-life drive stand components that ensure accurate, smooth wire feeding.

LIGHTWEIGHT.

Rebel's 18 kilo design makes it easy to carry from jobsite to jobsite.



MULTI-MATERIAL.

Weld steel, stainless, and even aluminium.

WELD PARAMETER STORAGE.

Save up to four welding parameters per process; ideal for switching between jobs.

TRIGGER HOLD FUNCTION 2T/4T.

Reduces operator fatigue when MIG or TIG welding.

INFINITE VOLTAGE CONTROL.

Fine-tune the arc characteristic by adjusting the voltage setting.

ADJUSTABLE INDUCTANCE.

Perfect for fine-tuning arc stability and controlling spatter.

ADJUSTABLE BURN-BACK CONTROL.

Prevents wire from sticking in the weld pool or burning back, damaging the contact tip.



ADJUSTABLE ARC FORCE CONTROL.

Optimises MMA electrode performance and allows the operator to increase the arc voltage for a short period of time to avoid arc outs and “sticking” when the arc is too short.

ADJUSTABLE HOT START CONTROL.

Increases the initial welding current to avoid the electrode sticking to the workpiece; particularly useful for difficult-to-start electrodes.

LIFT TIG ARC STARTS.

Provides TIG arc starts without the use of high frequency. Ideal for the shop or site application where sensitive electronic devices operate.

GAS PRE- AND POST-FLOW TIME ADJUSTMENT.

Purges gas line and prevents porosity at the start and end of welding; especially useful when MIG welding aluminium.

IP23S.

The enclosure is built to protect you and your machine. Designed to a higher standard, Rebel can withstand harsh outdoor environments.



WARRANTY.

Rebel comes backed with a rock-solid, three-year, handle-to-handle warranty.



GET TO KNOW THE WHOLE FAMILY.

| PROCESS | EM 215ic | EMP 215ic |
|------------------------|----------|-----------|
| MIG/MAG and Flux-Cored | X | X |
| MMA | | X |
| Lift TIG | | X |

| MATERIAL | EM 215ic | EMP 215ic |
|-----------------|----------|-----------|
| Mild Steel | X | X |
| Stainless Steel | X | X |
| Aluminium | X | X |

| PACKAGE FEATURES | EM 215ic | EMP 215ic |
|---|----------|-----------|
| sMIG | X | X |
| 4.3-in. (86 mm) Colour LCD/TFT Display | | X |
| LED Display | X | |
| Ready-to-Weld (accessories included – including sample filler metals) | X | X |
| 230V/120V Dual Voltage Input | X | X |
| Weld Parameter Storage | | X |
| Hot Start (MMA mode only) | | X |
| Arc Force (MMA mode only) | | X |
| Lift Arc (TIG mode only) | | X |
| Trigger Lock (2T, 4T) | | X |
| Voltage Trim Adjustment (MIG mode only) | X | X |
| Inductance Adjustment (MIG mode only) | X | X |
| Burn Back Adjustment (MIG mode only) | X | X |
| Pre-Flow/Post-Flow Adjustment (MIG mode only) | X | X |

| ORDERING INFORMATION | EM 215ic | EMP 215ic |
|----------------------|------------|------------|
| Part Number | 0700300986 | 0700300985 |

| TECHNICAL DATA | |
|-------------------------------|--|
| Current Range | 5-150A (120V), 5-240A (230V) |
| MIG (MAG) Welding Output | 205A/24.3V (230V) @ 25% Duty Cycle 130A/20.5V (120V) @ 20% Duty Cycle |
| MMA (SMAW) Welding Output | 180A/27.2V (230V) @ 25% Duty Cycle 90A/23.6V (120V) @ 40% Duty Cycle |
| TIG (GTAW) Welding Output | 180A/17.2V (230V) @ 30% Duty Cycle 130A/15.2V (120V) @ 40% Duty Cycle |
| Max Plate Thickness | 9,5 mm |
| Protection Class | IP23S |
| Approvals | IEC/EN 60974-1, 5, 7, 10, 12, 13. RoHS |
| Generator Size Recommendation | 7.5 KW (230V); 3.7 KW (110V) |
| Weight | 18.2 kg |
| Dimensions | (H 406 mm x W 229 mm x D 584 mm) |
| Warranty | 3 years – handle to handle |



DARE // MAKE THE MOVE TO ESAB. PICK UP THE MOST INCREDIBLE GO-ANYWHERE, WELD-ANYTHING MACHINE. FIND OUT MORE AT ESAB.COM/REBEL.

| BUNDLED ACCESSORIES | EM 215ic | EMP 215ic |
|---|----------|-----------|
| MXL 200 MIG torch, 3 m cable | X | X |
| Electrode holder kit, 3 m cable | | X |
| Return cable kit, 3 m cable | X | X |
| Gas hose includes quick connector, 4,5 m | X | X |
| 200 mm spool OK Aristorod 12.50 0.8 mm wire | X | X |
| Additional drive rolls and contact tips for 0,6 – 0,8 – 1,0 mm wire | X | X |

OPTIONAL ACCESSORIES.

- **MXL 270 MIG torch** (0700200004) or **PSF 305 MIG gun** (0458401880) to use with 1,2 mm wire
- **Foot Control** for TIG applications, 4,6 m cable (W4014450)
- **2-wheel trolley** (0459366887)
- **Warrior Tech Automatic welding helmet** (0700000400)



- **A Full Line of Personal Protection Equipment (PPE)**



- **A Complete Line of Filler Metals Including:**

- Solid wire
 - OK Aristorod 12.50
 - OK Autrod 12.51
- Stainless steel
 - OK Autrod 308LSi
 - OK Autrod 316LSi
- Cored Wire
 - Coreshield 15
 - OK Tubrod 15.14
- MMA Electrodes
 - OK 48.00
 - OK 46.00
 - OK 61.30



UNRIVALED SERVICE AND SUPPORT.

Rebel, like every ESAB machine, is backed by our commitment to superior customer service and support. Our skilled customer service department is prepared to quickly answer any questions, address problems, and help with maintenance and upgrading of your machines. Our products are backed with the most comprehensive warranty in the business.

With ESAB, you can be sure that you purchased a machine that will meet your needs today and in the future. Product and process training is also available. Ask your ESAB sales representative or distributor for a complete ESAB solution.

For more information, visit WWW.CMC.PT

3-YEAR WARRANTY.

ESAB's industry-leading service and support means that if you do need help, you will be protected by the most comprehensive warranty in the business.



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