

Dual-voltage machine for MIG, TIG, Stick Welding



Industry

- Agricultural Equipment
- Automotive
- Civil Construction
- HVAC
- Industrial and General Fabrication
- Repair and Maintenance



Introducing Rebel EMP 235ic - the next level Rebel welding machine that offers TRUE multi-process performance in a portable package. When it comes to getting around and getting work done, Rebel EMP 235ic is second to none. It is 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, TIG and STICK.
- Unmatched Portability – weighing in at 53 lbs. (24 kg) with dual voltage capability and 4 handle roll cage. Detach the Rebel 235ic from its cart and tackle any job around the shop or out at the job site.
- Power to Perform – have the confidence with Rebel 235ic to run the full range of .035 in. (0.9 mm) wire – short arc and spray transfer. Also up to .045 in. (1.2 mm) solid wire and up to .052 in. (1.4 mm) cored wire. Plus, rods up to 5/32 in. (4.0 mm) and TIG rods up to 3/16 in. (5.0 mm)
- 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 and plate thickness and you are ready to weld.

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Specifications	
Input Voltage	120, 208/230 VAC, 1 Phase, 50/60 Hz
Welding Output	MIG (GMAW/FCAW) 120 A / 19 V @ 40 % Duty Cycle (120V) MIG (GMAW/FCAW) 235 A / 26 V @ 40 % Duty Cycle (230V) Stick (SMAW) 90 A / 23.6 V @ 40 % Duty Cycle (120V) Stick (SMAW) 210 A / 28.4 V @ 25 % Duty Cycle (230V) TIG (GTAW) 130 A / 15.2 V @ 40 % Duty Cycle (120V) TIG (GTAW) 240 A / 19.6 V @ 40 % Duty Cycle (230V)
Wire Diameter	Mild Steel 0.6-1.2 mm (.024-.045 in.) Stainless Steel 0.8-1.2 mm (.030-.045 in.) Aluminum 0.8-1.2 mm (.030-.047 in.) Flux Cored 0.8-1.4 mm (.030-.052 in.)
Max Spool Diameter	100, 200 & 300 mm (4, 8 & 12 in.)
Wire Feed Speed	1.5-18 m/min (60-700 in./min)
Max Plate Thickness	12.7 mm (1/2 in.)
Voltage Range	90-270 VAC
Cable	3 m (10 ft)
Drive System	2-wheel
Max Output	250 A
Max Output	30 V
MCableX	3 m 3x2,5 mm ² H07RN-F
Open Circuit Voltage	90 VDC
Protection Class	IP23S
Standards	CSA E60974-1-00 / UL60974-1 / IEC60974-1
Supply Plug	230 V, NEMA 6-50P
Voltage Tolerance	120 V 120 V 230 V 230 V
Weight	24 kg (53 lb)
Dimensions	686 x 292 x 495 mm (26.5 x 11.5 x 19.5 in.)

Ordering Information	
Rebel EMP 235ic System	0558012702
Rebel EMP 235ic System with Cart	0558012704

Options & Accessories	
TIG Foot Control, 4.6m (15 ft.) cable and 8-pin connector	W4014450
Port Tweco electrode 200 (4 m), 50 mm Dinse	0733211
Pedal control (4.6 m) and 8-pin male connector	0733206
TXH 201 5/8 npt12.5FT TIG Torch Outfit	0558102493
Rebel Single Cylinder Cart	0558102491
Tweco 200A Spool Gun, 3.6 m (12 ft)	1027-1398
Tweco 200A Spool Gun, 7.6 m (25 ft)	1027-1399
Spray Master 250 MIG Gun, 15 ft. (4.5 m)	1023-1140
TXH 202 TIG Torch 4 m	0700300857
2-wheel trolley	0700300872
External guide 1.0mm / 1.2mm (Tef / alum)	0736669
External guide 0.6mm / 0.8mm (steel)	0736711
External guide 1.0mm / 1.2mm (steel)	0736710
V-Drive Roller 0.6 / 0.8mm	0736666
V-Drive Roller 0.8 / 1 mm	0736667
Trailing roller U 1.0mm / 1.2mm (Alum)	0736668
Rebel car with cylinder up to 228.6mm in diameter	0735974
TXH 201 Tig Torch 3.8m (5/8 npt)	0735975
Aluminium outlet tube kit	0464598880

Options & Accessories	
Torch TBi 253 PRO	0407995
Torch TBi 253 PRO-ALU	0408188
Feed Roll, U 1.0 - 1.2mm AL	0900192
Feed Roll, 0.6 - 0.8mm	0900292
Feed Roll, 0.8 - 1.0mm	0900795
Feed Roll, V-K 1.0 - 1.2mm, Knurled	0734013
Torch TBi PRO 253 Expert 5m	0408034
Cart for 1 cylinder	0737396
Kit connector trigger and gas	0916083

When choosing a top-performing welding machine you need top-performing ESAB Filler Metals.
 Learn more at esab.com/fillermetals today.



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