

Rebel™ EMP 235ic

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



Industry

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



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 EMP 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.
- sMIGTechnology –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 for more information

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Specifications	
Input Voltage	120/230 VAC, 1 Phase, 50/60 Hz
Welding Output	MIG (GMAW/FCAW) 230 A / 25.5 V @ 25 % Duty Cycle (230V) MIG (GMAW/FCAW) 195 A / 23.8 V @ 40 % Duty Cycle (230V) MIG (GMAW/FCAW) 170 A / 22.5 V @ 60 % Duty Cycle (230V) MMA (SMAW) 210 A / 28.4 V @ 25 % Duty Cycle (230V) MMA (SMAW) 150 A / 26 V @ 60 % Duty Cycle (230V) TIG (GTAW) 235 A / 19.4 V @ 40 % Duty Cycle (230V) TIG (GTAW) 200 A / 18 V @ 60 % Duty Cycle (230V)
Wire Diameter	Mild Steel 0.6-1.0 mm (.024 - .045 in.) Stainless Steel 0.8-1.0 mm (.030 - .045 in.) Aluminium 0.8-1.2 mm (.030 - 3/64 in.) Flux Cored 0.8-1.2 mm (.030 - .052 in.)
Max Spool Diameter	100, 200 & 300 mm (4, 8 & 12 in.)
Wire Feed Speed	2.0-17.8 m/min (60 - 700 in./min)
Voltage Range	10 - 30 V
Max Output	250 A
Max Output	30 V
MCableX	3 m 3x2,5 mm2 H07RN-F
Open Circuit Voltage	90 VDC
Protection Class	IP23S
Standards	CE: IEC/EN 60974-1, 5, 7, 10, 12 & 13. RoHS
Supply Plug	230 V, Schuko 16A plug
Voltage Tolerance	120 V 120 V 230 V 230 V
Wheel System	2-wheel
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
Rebel EMP 235ic for MIG/MAG, MMA and Lift TIG	0700300989
REBEL EMP 235ic Kit	1206883
Rebel EMP 235ic for MIG/MAG, MMA and Lift TIG	0734016
Rebel EMP 235ic System	614256

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

Options & Accessories	
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
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