

REBEL EMP 320ic



Industrial compact machine for MIG/MMA/Lift TIG

- **High duty cycle**
Robust 4-wheel wire feed system for high speed and torque
- **sMIG Technology**
'Smart MIG' learns and adapts to the operator's technique
- **TFT Multilingual Display**
Ability to fine tune your welds for optimal performance

Ordering Information

Description	Part Number
Rebel EMP 320ic	0700300991

Specification	
Primary Voltage	400 VAC
Supply Voltage Range	360 – 440 VAC
Number of Phases	3 ph
Supply Frequency	50/60 Hz
Supply Plug	CEE16A plug
Mains Cable	3 m 4x2.5 mm ²
Maximum Output	350 A
MIG Welding Output 40% Duty Cycle	320 A / 30.0 V
60% Duty Cycle	265 A / 27.3 V
100% Duty Cycle	200 A / 24.0 V
MMA Welding Output 40% Duty Cycle	300 A / 32.0 V
60% Duty Cycle	255 A / 30.2 V
100% Duty Cycle"	180 A / 27.2 V
TIG Welding Output 40% Duty Cycle	320 A / 22.8 V
60% Duty Cycle	265 A / 20.6 V
100% Duty Cycle	200 A / 18.8 V
Wire Feed Speed Range	2.0 – 20.3 m/min
Wire Diameter Range: Mild Steel	0.8 – 1.4 mm
Stainless Steel Flux Cored Aluminium	0.8 – 1.4 mm
	0.8 – 1.6 mm
	1.0 – 1.2 mm
Wire Spool Size	200 mm, 300 mm
Approvals	CE: IEC/EN 60974-1, 5, 7, 10, 12 & 13. RoHS
Protection Class	IP23S
Power Source Dimensions, Lx W x H	686 x 292 x 495 mm
Power Source Weight	31,4 kg

Accessories & Parts	
TXH™ 202 TIG Torch 4 m	0700300857
TIG Foot Control 4,5 m cable and 8-pin connector	W4014450
2-wheel trolley	0700300872

Wear & Spare Parts for Aluminium	
PTFE liner, 3m for 1.0 mm Aluminium wire	0366550884
PTFE liner, 3m for 1.2 mm Aluminium wire	0366550886
Drive roll U-groove for 1.0/1.2 mm Aluminium wire	0369557006
PTFE Outlet Guide Tube for 1.0 mm Aluminium wire	0464659880
PTFE Outlet Guide Tube for 1.2 mm Aluminium wire	0464660880

Functions	
Max output power 350 A	X
Flux Cored wire up to 1.6 mm	X
MIG/MAG functionality	X
MMA functionality	X
LiftTIG functionality	X
sMIG	X
Multi lingual TFT-display	X
200 mm bobbin capacity	X
300 mm bobbin capacity	X
4-wheel wire feed mechanism	X
Weld setting storage (memories)	X
Inductance control	X
2t and 4t trigger functionality	X
Voltage trim adjustment	X
SCT (Short Circuit Termination)	X
Adjustable burn-back time	X
Pre and Post gas flow (TIG & MIG/MAG)	X
Spot welding (MIG/MAG)	X
Gas purging	X
Wire inching	X
Creep start	X
Adjustable Hot start and Arc force (MMA)	X
Adjustable slope up/down (TIG)	X
Dual gas inlet valve	X
TIG gas outlet valve	X