QUICK REFERENCE GUIDE

STANDARD EQUIPMENT
Light Industrial Welding



esab.com

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LIGHT INDUSTRIAL PRODUCTS SELECTION GUIDE

		Input		Output			Features				Feeding		Process			
Product	Part No.	Phase	Voltage	Rated Output	Current Range	Screen	Memory Settings	Extension Cables	Wire Feed Speed	2WD / 4WD	Synergic MIG	MIG	TIG	MMA	PULSE MMA	Plasma
Rebel EMP 205ic AC/DC	0700300998	1	120/230 V	205 A / 24.3 V @ 25% (MIG) 205 A / 18.2 V @ 25% (TIG DC) 170 A / 26.8 V @ 25% (MMA)	5-235 A	TFT	4 for each process		2.0 – 12.1 m/min			✓	AC/DC	✓		
Rebel EMP 215ic	0700300985	1	120/230 V	205 A / 2 4.3 V @ 25% (MIG) 180 A / 17.2 V @ 30% (TIG) 180 A / 27.2 V @ 25% (MMA)	90-270 VAC	TFT	✓		1.5 – 12.1 m/min	2WD		✓	LIFT TIG	✓		
Rebel EMP 235ic	0700300989	1	120/230 V	230 A / 25.5 V @ 25% (MIG) 235 A / 19.4 V @ 40% (TIG) 210 A / 28.4 V @ 25% (MMA)	90-270 VAC	TFT	✓		2.0 –17.8 m/min	2WD		✓	LIFT TIG	✓		
Rebel EMP 320ic	0700300991	3	400V	320 A / 30.0 V @ 40% (MIG) 320 A / 22.8 V @ 40% (TIG) 300 A / 32.0 V @ 40% (MMA)	360-440 VAC	TFT	✓		2.0 – 20.3 m/min	4WD		✓	LIFT TIG	✓		
Renegade ES 210i	0447700881	1	115/230 V	180 A / 27.2 V (MMA)	5 - 180 A (MMA)	LED	✓	✓					LIVE TIG	✓		
Renegade ET 180iP	0447700910	1	115/230 V	180 A / 17.2 V (TIG DC) 180 A / 27.2 V (MMA)	5 - 180 A (TIG DC) 5 - 180 A (MMA)		✓	✓					HF	✓		
Renegade ET 210iP	0447700911	1	115/230 V	210 A / 18.4 V (TIG DC) 180 A / 27.2 V (MMA)	5 - 210 A (TIG DC) 5 - 180 A (MMA)	LED	✓	✓					HF	✓		
Renegade ET 210iP W	0447700912	1	115/230 V	210 A / 18.4 V (TIG DC) 180 A / 27.2 V (MMA)	5 - 210 A (TIG DC) 5 - 180 A (MMA)	LED	✓	✓					HF	✓		
Renegade ET210 iP Advanced	0447750880	1	115/230 V	210 A / 18.4 V (TIG DC) 180 A / 27.2 V (MMA)	5 - 210 A (TIG DC) 5 - 180 A (MMA)	TFT	✓	✓					HF	✓		
Renegade VOLT ES 200i BATTERY POWERED WELDING	0447800881 & 0447800883	1	120/230 V	See attached machine details	90-270 VAC	TFT	✓						LIVE TIG	✓		
Rogue EM 180	0700301091	1	110/230 V	180 A / 23 V @ 25% (MIG) 150 A / 26 V @ 25% (MMA)	30-190 A	LED			2.0-16.5 m/min	2WD	✓	✓				
Rogue EMP 210 PRO	0700301092	1	230V	210 A / 24.5 V @ 30% (MIG) 210 A / 18.0 V @ 30% (TIG) 180 A / 27.2 V @ 30% (MMA)	30 – 210 A	TFT	10		2.0 – 16.5 m/min	2WD	✓	✓	LIFT TIG	✓		
Rogue ES 151iP CE	0705002006	1	230 V	150 A	10-150 A	LED		✓		N/A			LIVE TIG	✓	✓	
Rogue ES 181iP PRO CE	0705002007	1	120/230 V	180 A	10-180 A	LED		✓		N/A			LIVE TIG	✓	✓	
Rogue ES 181iP CE	0705002008	1	230 V	180 A	10-180 A	LED		✓		N/A			LIVE TIG	✓	✓	
Rogue ES 201iP PRO CE	0705002009	1	120/230 V	200 A	10-200 A	LED		✓		N/A			LIVE TIG	✓	✓	
Rogue ET 201iP PRO CE	0705002010	1	120/230 V	200 A	10-200 A	LED				N/A			HF	✓	✓	
Rogue ET 181iP CE	0705002011	1	230 V	180A	10-180 A	LED				N/A			HF	✓	✓	
Rogue ET 230iP AC/DC	0479100400	1	115/230 V	See attached machine details	See attached machine details	TFT	✓						HF	✓		
Rogue ET 230iP AC/DC W	0479100401	1	115/230 V	See attached machine details	See attached machine details	TFT	✓						HF	✓		
Rustler EM 280C PRO	0448280990	3	400 V	280 A @ 40%	40A / 16V -280A / 28V	LED	✓		1.5 –22 m/min	4WD		✓				
Rustler EM 350C PRO	0448350991	3	400 V	350 A @ 40%	30A / 15.5V -350A / 31.5V	LED	✓		1.5 –22 m/min	4WD		✓				
Rustler EM 350C PRO Synergic	0448350992	3	400 V	350 A @ 40%	30A / 15.5V -350A / 31.5V	LED	✓		1.5 –22 m/min	4WD	✓	✓				
Rustler EM 350C PRO MV Synergic	0448350993	3	400 V	350 A @ 40%	30A / 15.5V -350A / 31.5V	LED	✓		1.5 –22 m/min	4WD	✓	✓				
Rustler EM 350Cw PRO Synergic	0448350994	3	400 V	350 A @ 40%	30A / 15.5V -350A / 31.5V	LED	✓		1.5 –22 m/min	4WD	✓	✓				
Rustler EM 201	0448200880	1	230 V	200 A @ 35%	30A / 15.5V - 200A / 24V	LED			1.5 –18 m/min	2WD		✓		✓		
Rustler EM 203	0448200890	3	400 V	200 A @ 35%	40A / 16V - 200A 24V	LED			1.5 –18 m/min	2WD		✓		✓		
Rustler EM 251	0448250880	1	230 V	250 A @ 35%	30A / 15.5V - 250A / 26.5V	LED			1.5 –18 m/min	2WD		✓		✓		
Rustler EM 253	0448250890	3	400 V	250 A @ 35%	40A / 16V - 250A / 26.5V	LED			1.5 –18 m/min	2WD		✓		✓		
Cutmaster 30+ (Rec, Cut 10mm)	0559130004	1	110-240 V	40% @ 30 A, 100% @ 20 A	10 – 30 A	TFT										✓
Cutmaster 50+ (Rec, Cut 16mm)	0559150004	3	400V	60% @ 50 A with cutting voltage 150 V	15 – 50 A	TFT										✓
Cutmaster 70+ (Rec, Cut 19mm)	0559170004	3	400V	50% @ 70 A with cutting voltage 150 V	15 – 70 A	TFT										✓

SELECTION GUIDE

REBEL EMP 205ic AC/DC



Portable, true all-process welding system, MIG, MMA, DC TIG, AC TIG.

- **Advanced TIG AC/DC Features**
  HF starts, fequency adjustment up to 400 HZ
- **sMIG Technology**
  'Smart MIG' learns and adapts to the operator's technique
- **TFT Multilingual Display**
  Ability to fine tune your welds for optimal performance

3 YEAR WARRANTY

eco POWER

MULTI-PROCESS

Ordering Information	
Description	**Part Number**
Rebel EMP 205ic AC/DC, CE	0700300998

Specification	
Voltage	120/230 VAC 1, 50/60 Hz
Max Output	235 A / 26.2 V (MIG) 205 A / 18.2 V (TIG DC) 180 A / 27.2 V (STICK)
MIG (GMAW/FCAW) Welding Output	205 A / 24.3 V @ 25 % Duty Cycle 150 A / 21.5 V @ 40 % Duty Cycle 125 A / 20.3 V @ 60 % Duty Cycle 110 A / 19.5 V @ 100 % Duty Cycle
MMA (SMAW) Welding Output	170 A / 26.8 V @ 25 % Duty Cycle 125 A / 25 V @ 60 % Duty Cycle 100 A / 24 V @ 100 % Duty Cycle
TIG AC/DC (GTAW) Welding Output	205 A / 18.2 V @ 25 % Duty Cycle 125 A / 15 V @ 60 % Duty Cycle 110 A / 14.4 V @ 100 % Duty Cycle
AC Balance	60-90 %
Current Range	5-235 A
Voltage Range	12-26 V
Wire Feeder Specifications	2.0-12.1 m/min
Open Circuit Voltage	68 V
Power Factor at Maximum Current	0.98
Efficiency at Maximum Current	83%
rated kVA	4.98 kVA
Recommended Generator	>7 kVA
Enclosure Class	IP23S
Certification	CE
Description or Qualifier	1.8 m
Dimensions, L x W x H	
Lead Length	1.8 mm
	584 x 229 x 406 mm
Weight	22 kg

Accessories & Parts	
Electrode holder Handy 200,	**0700006003**
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
2-wheel trolley	0700300872
MXL 201 Gas-cooled Torch with Euro Connection, 3 m	0700025220
SR-B 26 Torch, Air, OKC 50, 4 m	0700025580
SR-B 26 Torch, Air, OKC 50, 8 m	0700025581
SR-B 26FX-R Torch, Air, OKC 50, 4 m	0700025589
SR-B 26FX-R Torch, Air, OKC 50, 8 m	0700025590

REBEL EMP 215ic



Dual input voltage machine for MIG/MMA/Lift TIG

- **True multi-process performance**
  MIG, Fluxed-cored, MMA, Lift TIG
- **sMIG Technology**
  'Smart MIG' learns and adapts to the operator's technique
- **TFT Multilingual Display**
  Ability to fine tune your welds for optimal performance

MULTI-PROCESS

Ordering Information	
Description	**Part Number**
Rebel EMP 215ic for MIG/MMA/Lift TIG Package	0700300985

Specification	
Primary Voltage	120/230 VAC
Supply Voltage Range	90 – 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 mm2 H07RN-F
Maximum Output	240 A
MIG Welding Output 25% Duty Cycle 20% Duty Cycle	205 A/24.3 V (230 V) 130 A/20.5 V (120 V)
MMA Welding Output 25% Duty Cycle 40% Duty Cycle	180 A/27.2 V (230 V) 90 A/23.6 V (120 V)
TIG Welding Output 30% Duty Cycle 40% Duty Cycle	180 A/17.2 V (230 V) 130 A/15.2 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: Mild Steel Stainless Steel Aluminum Flux Cored	0.6 – 1.0 mm 0.8 – 1.0 mm 0.8 – 1.2 mm 0.8 – 1.2 mm
Wire Spool Size	100 mm, 200 mm
Approvals	CSA: E60974-1-00 CE: IEC/EN 60974-1, 5, 7, 10, 12 & 13. RoHS
Protection Class	IP23S
Power Source Dimensions, Lx W x H	584 x 229 x 406 mm
Power Source Weight	18.2 kg

Accessories & Parts	
TIG Torch ET 17V	0700300869
TIG Foot Control incl. 4,5 m cable	W4014450
MXL 271 Gas-cooled Torch with Euro Connection, 3 m *	0700025230
2-wheel trolley	0459366887

* For FCW 1.2 mm.

Wear & Spare Parts for Aluminium	
PTFE Liner 3 m for 0.8 to 1,2 mm Aluminium wire (low friction)	0700200091
Feed Roller for 1.0 and 1.2 Aluminium wire (U-groove)	0367556004

REBEL EMP 235ic



Dual Input voltage machine for MIG/MMA/Lift TIG

- **True multi-process**
  Excellent performance on MIG/MAG, TIG and MMA
- **sMIG Technology**
  'Smart MIG' learns and adapts to the operator's technique
- **TFT Multilingual Display**
  Ability to fine tune your welds for optimal performance

MULTI-PROCESS

Ordering Information	
Description	**Part Number**
Rebel EMP 235ic for MIG/MAG, MMA and Lift TIG	0700300989

Specification	
Primary Voltage	120/230 VAC
Supply Voltage Range	90 – 270 VAC
Number of Phases	1
Supply Frequency	50/60 Hz
Supply Plug	230 V, Schuko 16A plug
Mains Cable	3 m 3x2,5 mm2 H07RN-F
Maximum Output	250 A
MIG Welding Output (230V) 25% Duty Cycle 40% Duty Cycle 60% Duty Cycle	 230 A / 25.5 V 195 A / 23.8 V 170 A / 22.5 V
MMA Welding Output (230 V) 25% Duty Cycle 60% Duty Cycle	 210 A / 28.4 V 150 A / 26 V
TIG Welding Output (230 V) 40% Duty Cycle 60% Duty Cycle	 235 A / 19.4 V 200 A / 18 V
MIG Welding Voltage Range	14.8 – 26 V
Wire Feed Speed Range	2.0 –17.8 m/min
Wire Diameter Range: Mild Steel Stainless Steel Aluminum Cored wire	 0.6 –1.0 mm 0.8 –1.0 mm 0.8 –1.2 mm 0.8 –1.2 mm
Wire Spool Size	100 mm, 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	28,6 kg

Accessories & Parts	
SR-B 26 Torch, Air, OKC 50, 4 m	0700025580
SR-B 26 Torch, Air, OKC 50, 8 m	0700025581
SR-B 26FX-R Torch, Air, OKC 50, 4 m	0700025589
SR-B 26FX-R Torch, Air, OKC 50, 8 m	0700025590
TIG Foot Control 4,5 m cable and 8-pin connector	W4014450
2-wheel trolley	0700300872

Wear & Spare Parts*	
MXL 271/341 Contact tip 0.8 mm	0700200068
MXL 271/341 Contact tip 1.0 mm	0700200070
MXL 271/341 Contact tip 1.2 mm	0700200071
Steel liner 3 m for 0.6 – 0.8 mm wire	0700200085
Steel liner 3 m for 1.0 – 1.2 mm wire	0700200087
Drive roll 0.6 – 0.8 mm V-groove	0367556001
Drive roll 0.8 – 1.0 mm V-groove	0367556002
Drive roll 1.0 – 1.2 mm V-groove	0367556003

* For MIG/MAG Torch MXL 271 and drive mechanism

Wear & Spare Parts for Aluminium	
Drive roll for Aluminium 0.8 and 1.2 mm U-groove	0367556004
Aluminium outlet tube kit	0464598880
PTFE liner for Aluminium 0.8 – 1.2 mm wire	0700200091

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**
  4.Ability to fine tune your welds for optimal performance

MULTI-PROCESS

Ordering Information	
Description	**Part Number**
Rebel EMP 320ic	0700300991
Rebel EMP 320ic incl. PSF 305 3m	0700303883
Rebel EMP 320ic incl. PSF 305 4.5m	0700303884

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 mm2
Maximum Output	350 A
MIG Welding Output 40% Duty Cycle 60% Duty Cycle 100% Duty Cycle	320 A / 30.0 V 265 A / 27.3 V 200 A / 24.0 V
MMA Welding Output 40% Duty Cycle 60% Duty Cycle 100% Duty Cycle"	300 A / 32.0 V 255 A / 30.2 V 180 A / 27.2 V
TIG Welding Output 40% Duty Cycle 60% Duty Cycle 100% Duty Cycle	320 A / 22.8 V 265 A / 20.6 V 200 A / 18.8 V
Wire Feed Speed Range	2.0 – 20.3 m/min
Wire Diameter Range: Mild Steel Stainless Steel Flux Cored Aluminium	0.8 –1.4 mm 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

RENEGADE ES 210i



Renegade ES is a professional single-phase, MMA and Live TIG welding machine.

- **Enables working current on extension cables up to 100m**
  Features PFC circuit
- **Excellent Performance**
  Optimised performance for different electrodes
- **Robust Housing**
  Portability and ergonomics

3 YEAR WARRANTY

eco POWER

Ordering Information	
Description	**Part Number**
Renegade ES 210i	0447700881
Delivery includes: power source, work lead 3 m, electrode holder 3 m, shoulder strap.	

Specification		
Mains Voltage	115/230 VAC ± 15%, 1ph, 50/60 Hz	
Fuse Slow	16 A	
Rated KVA	3.3 KVA (115VAC), 6 KVA (230VAC)	
Energy save mode	<30 W	
Welding Output MMA	115 VAC: 110A / 24.4V at 25% 71A / 22.8V at 60% 55A / 22.2V at 100%	230 VAC: 180A / 27.2V at 25% 116A / 24.6V at 60% 90A / 23.6V at 100%
Welding Output TIG	115 VAC: 140A / 15.6V at 25% 90A / 13.6V at 60% 80A / 12.8V at 100%	230 VAC: 210A / 18.4V at 25% 135A / 15.4V at 60% 105A / 14.2V at 100%
Setting Range MMA	115 VAC MMA: 15A / 20.6V – 110A / 24.4V 230 VAC MMA: 15A / 20.6V – 180A / 28.4V	
Setting Range TIG	115 VAC TIG: 10A / 10.4V – 140A / 15.6V 230 VAC TIG: 10A / 10.4V – 210A / 18.4V	
Power Factor Max Current	99%	
Open Circuit VDC High	78 VDC	
Enclosure class	IP23	
Operating Temperature	-10 to +40 °C (+14 to +104 °F)	
Dimensions	460 x 200 x 320 mm	
Supply plug	CEE 16 A	
Weight	9.9 kg	

Options & Accessories	
Description	**Part Number**
MMA 4 Analogue Remote-Control incl. 10 m cable	0700500084
Electrode Holder, Handy 200 A with 25 mm², 3 m, OKC50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
Trolley 2-wheel for Renegade	0460330881
Shoulder strap	0445197880
SR-B 17V Torch, Air, OKC 50, 4 m	0700025514
SR-B 26V Torch, Air, OKC 50, 4 m	0700025522
Electrode holder kit, Handy 300, OKC 50, 5 m	0700006888

RENEGADE ET 180iP / 210iP / 210iP W



A professional, single-phase, high-frequency start TIG and MMA welding machine.

- **TIG Pulse up to 999 Hz**
  Increase control of heat input and weld pool
- **Robust Housing**
  Optional modular water-cooler
- **4.3” TFT Colour Screen**
  For clear control information

Ordering Information	
Description	**Part Number**
Renegade ET 180iP	0447700910
Renegade ET 210iP	0447700911
Renegade ET 210iP W (water cooled)	0447700912
Delivery includes: Air cooled models: power source, work lead 3 m, SR-B 26 torch 4 m, gas hose 4 m, shoulder strap. Water cooled models: power source, work lead 3 m, SR-B 20 torch 4 m, gas hose 4 m, shoulder strap.	

Specification				
Model	**Renegade ET 180iP**		**Renegade ET 200iP**	
Mains Voltage	115/230 VAC ± 15%, 1ph, 50/60 Hz		115/230 VAC ± 15%, 1ph, 50/60 Hz	
Fuse Slow	16 A		16 A	
Rated KVA	3.3 KVA (115 VAC)		3.3 KVA (115 VAC)	
	6 KVA (230 VAC)		6 KVA (230 VAC)	
Energy save mode	<30 W		<30 W	
Welding Output MMA	115 VAC: 110A / 24.4V at 25% 71A / 22.8V at 60% 55A / 22.2V at 100%	230 VAC: 180A / 27.2V at 25% 116A / 24.6V at 60% 90A / 23.6V at 100%	115 VAC: 110A / 24.4V at 25% 71A / 22.8V at 60% 55A / 22.2V at 100%	230 VAC: 180A / 27.2V at 25% 116A / 24.6V at 60% 90A / 23.6V at 100%
Welding Output TIG	115 VAC: 140A / 15.6V at 25% 90A / 13.6V at 60% 70A / 12.8V at 100%	230 VAC: 180A / 17.2V at 25% 116A / 14.6V at 60% 90A / 13.6V at 100%	115 VAC: 140A / 15.6V at 25% 90A / 13.6V at 60% 70A / 12.8V at 100%	230 VAC: 210A / 18.4V at 25% 135A / 15.4V at 60% 105A / 14.2V at 100%
Setting Range MMA	115 VAC MMA: 15A / 20.6V – 110A / 24.4V		115 VAC MMA: 15A/20.6V – 110A/24.4V	
	230 VAC MMA: 15A / 20.6V – 180A / 27.2V		230 VAC MMA: 15A/20.6V – 180A/28.4V	
Setting Range TIG	115 VAC TIG: 10A / 10.4V – 140A / 15.6V		115 VAC TIG: 10A/10.4V – 140A/15.6V	
	230 VAC TIG: 10A / 10.4V – 180A / 17.2V		230 VAC TIG: 10A/10.4V – 210A/18.4V	
Power Factor Max Current	99%		99%	
Open Circuit VDC High	78 VDC		78 VDC	
Enclosure class	IP23		IP23	
Operating Temperature	-10 to +40 °C (+14 to +104 °F)		-10 to +40 °C (+14 to +104 °F)	
Dimensions	460 x 200 x 320 mm		460 x 200 x 320 mm	
Supply plug	CEE 16 A		CEE 16 A	
Weight	11 kg		11 kg	

Options & Accessories	
Description	**Part Number**
MMA 4 Analogue Remote-Control incl. 10 m cable	0700500084
Electrode Holder, Handy 200 A with 25 mm², 3 m, OKC50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
Trolley 2-wheel for Renegade	0460330881
EC 1001 – water cooler	0445045881
Shoulder strap	0445197880
SR-B 26 Torch, Air, OKC 50, 4 m	0700025518
SR-B 26 Torch, Air, OKC 50, 8 m	0700025519
SR-B 20 Torch, Water, OKC 50, 4 m	0700025534
SR-B 20 Torch, Water, OKC 50, 8 m	0700025535

RENEGADE ET 210iP Advanced



The ultimate in durability with a portable design.

- **TIG Pulse up to 999 Hz**
  Increase control of heat input and weld pool
- **4.3” Colour Screen**
  For clear control information
- **New ExeorTIG torch**
  included with advanced model

Ordering Information	
Description	**Part Number**
Renegade ET 210iP Advanced	0447750890
RRenegade ET 210iP W Advanced (Water-cooled)	0447750891

Specification	
Input Voltage	115/230 VAC ±15 %, 1, 50/60 Hz
MMA Welding Output	110 A24.4 V (115 VAC) @ 25 % Duty Cycle
	71 A22.8 V (115 VAC) @ 60 % Duty Cycle
	55 A22.2 V (115 VAC) @ 100 % Duty Cycle
	210 A28.4 V (230 VAC) @ 25 % Duty Cycle
	135 A25.4 V (230 VAC) @ 60 % Duty Cycle
	105 A24.2 V (230 VAC) @ 100 % Duty Cycle
TIG Welding Output	140 A15.6 V (115 VAC) @ 25 % Duty Cycle
	90 A13.6 V (115 VAC) @ 60 % Duty Cycle
	70 A12.8 V (115 VAC) @ 100 % Duty Cycle
	210 A18.4 V (230 VAC) @ 25 % Duty Cycle
	135 A15.4 V (230 VAC) @ 60 % Duty Cycle
	105 A14.2 V (230 VAC) @ 100 % Duty Cycle
Open Circuit Voltage	78 VDC
Power Factor at Maximum Current	0.99%
Setting Range MMA/DC	20.6-24.4 V (15-110 A)
	20.6-28.4 V (15-180 A)
Setting Range TIG/DC	10.4-15.6 V (10-140 A)
	10.4-18.4 V (10-210 A)
Fuse Slow	16 A
Energy Save Mode	<30 W
Supply Plug	CEE 16 A
Operating Temp	-10 to +40 °C
rated kVA	6 kVA
	3.3 kVA
Enclosure Class	IP23
Dimensions, L x W x H	460 x 200 x 320 mm
Weight	11 kg

Options & Accessories	
Description	**Part Number**
SR-B 20 Torch, Water, OKC 50, 8 m	0700025535
Return cable 200A, 10 ft (3 m)	0700006901
Trolley 2-wheel with cylinder support	0460330881
SR-B 20 Torch, Water, OKC 50, 4 m	0700025534
SR-B 26 Torch, Air, OKC 50, 8 m	0700025519
EC 1001 –water cooler	0445045881
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
MMA 4 Analogue Remote-Control incl. 10 m cable	0700500084
SR-B 26 Torch, Air, OKC 50, 4 m	0700025518
Shoulder Strap	0445197880
Electrode Holder, Handy 200 A with 25 mm², 3 m, OKC50	0700006900
Return cable kit, OKC 50, 5 m	0700006885
Exeor TIG SR 17 Torch, Gas, 4 m	0700026220
Exeor TIG SR 17 Torch, Gas, 8 m	0700026221
Exeor TIG SR 17-R Torch, Air , 4 m	0700026234
Exeor TIG SR 17-R Torch, Air , 8 m	0700026235
Exeor TIG SR 21 Torch, Water, 4 m	0700026290
Exeor TIG SR 21 Torch, Water, 8 m	0700026291
Exeor TIG SR 21-R Torch, Water, 4 m	0700026294
Exeor TIG SR 21-R Torch, Water, 8 m	0700026295

RENEGADE VOLT ES 200i



3 YEAR WARRANTY

eco POWER

This is a new age of mobile welding. MMA Battery powered welding anywhere, anytime.

- **Runs Off Battery Power**
  Up to 30 electrodes per charge
- **Runs Off AC Mains Power**
  120 V / 230 V input power
- **Powered by Dewalt Flexvolt**
  Standard power tool batteries

Ordering Information	
Description	**Part Number**
Renegade VOLT ES 200i (CE) *	0447800881
Renegade VOLT ES 200i (UKCA) *	0447800883
* Delivery includes: Power source, DeWALT FlexVOLT 18V/54V Max 12Ah batteries (4), DeWALT FlexVOLT four-port fast charger, electrode holder, ground clamp, shoulder strap and detachable battery box.	

Specification	
Voltage	120/230 VAC ± 15%, 1ph, 50/60 Hz
Fuse Slow	16 A
Rated kVA	6.0 kVA @ 230 VAC
	2.7 kVA @ 120 VAC
Voltage Range	90 – 270 VAC
Energy Save Mode	<30 W
Welding Output, MMA	110 A / 24.4 V (120 VAC) @ 25 % Duty Cycle
	70 A / 22.8 V (120 VAC) @ 60 % Duty Cycle
	55 A / 22.2 V (120 VAC) @ 100 % Duty Cycle
	200 A / 28.0 V (230 VAC) @ 25 % Duty Cycle
	129 A / 25.2 V (230 VAC) @ 60 % Duty Cycle
	100 A / 24.0 V (230 VAC) @ 100 % Duty Cycle
	130 A / 25.2 V (80 VDC) @ 18 % Duty Cycle
	110 A / 24.4 V (80 VDC) @ 25 % Duty Cycle
	80 A / 23.2 V (80 VDC) @ 60 % Duty Cycle
	60 A / 22.4 V (80 VDC) @ 100 % Duty Cycle
	150 A / 26.0 V (120 VAC Hybrid) @ 25 % Duty Cycle
	90 A / 23.6 V (120 VAC Hybrid) @ 60 % Duty Cycle
	70 A / 22.8 V (120 VAC Hybrid) @ 100 % Duty Cycle
	200 A / 28.0 V (230 VAC Hybrid) @ 25 % Duty Cycle
	129 A / 25.2 V (230 VAC Hybrid) @ 60 % Duty Cycle
	100 A / 24.0 V (230 VAC Hybrid) @ 100 % Duty Cycle
Welding Output, TIG	140 A / 15.6 V (120 VAC) @ 25 % Duty Cycle
	90 A / 13.6 V (120 VAC) @ 60 % Duty Cycle
	70 A / 12.8 V (120 VAC) @ 100 % Duty Cycle
	200 A / 18.0 V (230 VAC) @ 25 % Duty Cycle
	129 A / 15.2 V (230 VAC) @ 60 % Duty Cycle
	100 A / 14.0 V (230 VAC) @ 100 % Duty Cycle
	150 A / 16.0 V (80 VDC) @ 18 % Duty Cycle
	115 A / 14.6 V (80 VDC) @ 25 % Duty Cycle
	90 A / 13.6 V (80 VDC) @ 60 % Duty Cycle
	70 A / 12.8 V (80 VDC) @ 100 % Duty Cycle
	180A / 17.2 V (120 V Hybrid) @ 25 % Duty Cycle
	130A / 15.2 V (120 V Hybrid) @ 60 % Duty Cycle
	100A / 14.0 V (120 V Hybrid) @ 100 % Duty Cycle
	200A / 18.0 V (230 V Hybrid) @ 25 % Duty Cycle
	129A / 15.2 V (230 V Hybrid) @ 60 % Duty Cycle
	100A / 14.0 V (230 V Hybrid) @ 100 % Duty Cycle

Specification	
Setting Range, MMA	10A/20.6V – 110A/24.4V (120 VAC)
	10A/20.6V – 200A/28V (230 VAC)
	10A/20.6V – 130A/25.2V (80 VDC)
	10A/20.6V – 150A/26V (120 VAC Hybrid)
	10A/20.6V – 200A/28V (230 VAC Hybrid)
Setting Range, TIG	10A/10.4V – 140A/15.6V (120 VAC)
	10A/10.4V – 200A/18V (230 VAC)
	10A/10.4V – 150A/16V (80 VDC)
	10A/10.4V – 180A/17.2V (120 VAC Hybrid)
	10A/10.4V – 200A/18V (230 VAC Hybrid)
Power Factor at Maximum Current	0.99
Efficiency at Maximum Current	80%
Open Circuit Voltage (OCV)	78 VDC
Operating Temperature	-10 to +40 °C
Protection Class	IP23
Certification Mark (Stand-ards)	CE, UKCA
Supply Plug	CEE 7/7 (type E)
Dimensions L x W x H, without battery box	460 x 200 x 320 mm
Dimensions L x W x H, with battery box	480 x 220 x 485 mm
Weight, power source and battery box	17 kg
Weight, power source, battery box and 4 battery packs *	23 kg
* Weight when using a DeWALT FlexVOLT 18V/54V MAX 12 Ah Battery, weight may vary when using other FlexVOLT battery packs.	

Continued overleaf...

RENEGADE VOLT ES 200i

Electrode Consumption - Number of electrodes per charge			
Electrode Size // Type	**E6013**	**E7018**	**E6010**
2.5 x 250 mm (3/32 x 9.8 in.)	33	26	31
2.5 x 350 mm (3/32 x 13.8 in.)	22	17	21
3.2 x 350 mm (1/8 x 13.8 in.)	14	10.5	12
Consumption when using four DeWALT FlexVOLT 18V/54V Max 12 Ah Battery, consumption will vary when using other FlexVOLT battery packs.			

Specification	
DeWALT FlexVOLT 12Ah Batteries*	DCB548-XJ
DeWALT FlexVOLT 9Ah Batteries*	DCB547-XJ
DeWALT FlexVOLT 6Ah Batteries*	DCB546-XJ
DeWALT FlexVOLT 4-Port Charger (CE)*	DCB104-QW
DeWALT FlexVOLT 4-Port Charger (UKCA)*	DCB104-GB
*Can be purchased from any authorized DeWALT retailer.	

Options & Accessories	
Description	**Part Number**
MMA 4 Analogue Remote-Control incl. 10 m cable	0700500084
Electrode Holder, Handy 200 A with 25 mm², 3 m, OKC50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
Shoulder strap	0445197880
SR-B 17V TIG Torch, 4 m	0700025514

ROGUE EM 180



Inverter-based MIG welding system designed to address all your welding project needs.

- **Large Segment Display**
  For clearing viewing
- **Synergic Weld Programs**
  Full range of parameters
- **Arc Dynamics**
  For MIG / MMA

Ordering Information	
Description	**Part Number**
Rogue EM 180 Welding System	0700301091
Delivery includes: 180A MIG/MAG power source with mains cable 16 A plug 3 m, MXL 201 MIG Torch Euro 3 m, Return cable kit, OKC 35-50 16 mm2, 3 m, Electrode holder Handy 200A heavy duty 50 mm OKC 3 m, Gas Hose with quick connect/open 4.5 m, ESAB OK AristoRod 12.50 0.8 mm 1 kg, ESAB GoldRox Electrode, 2.5 x 350 mm, 1 kg. Feed rolls 0.6/0.8 mm V (fitted), 0.8/0.9 mm V and 0.8/0.9 mm VK, Safety instruction.	

Specification	
Mains Voltage	230 VAC ± 10%, 1ph, 50/60 Hz
Energy Save Mode	20 W
MIG (GMAW) Welding Output	180 A / 23.0 V at 25% 116 A / 19.8 V at 60% 90 A / 18.5 V at 100%
MMA (SMAW) Welding Output	150 A / 26.0 V at 25% 97 A / 23.9 V at 60% 75 A / 23.0 V at 100%
Current Range	30 – 180 A
Voltage Range	12 – 26 V
Wire Dimensions Mild Steel & Stainless Steel Cored Wire & Aluminium	 0.6 – 1.0 mm 0.8 – 1.0 mm
Wire Feed Speed	2.0 – 16.5 m/min
Max Spool Diameter	100 mm, 200 mm
Open Circuit Voltage	78 VDC
Efficiency at Max Current	82.70%
Power Factor at Max Current	0.8
Operating Temperature	-10 to +40°C
Protection Class	IP23S
Certification Mark (Standards)	CE
Dimensions L x W x H, incl. top handle	590 x 220 x 385 mm
Weight	16.2 kg

Options & Accessories	
Description	**Part Number**
Trolley 2-wheel with cylinder support	0460330881
MXL 201 Gas-cooled Torch with Euro Connection, 3 m	0700025220
MXL 201 Gas-cooled Torch with Euro Connection, 4 m	0700025221
Gas Hose, quick connect/open, 4.5 m	0349312105
Return cable kit, OKC 50, 3 m	0700006901
Electrode holder, Handy 200A, heavy duty 50 mm OKC, 3 m	0700006900
MMA 4 Analogue Remote Control incl. 10 m (33 ft) cable and 8-pin connector	0700500084
Bracket, Mounting, Trolley-CM3/Rogue	0447996231

Wear & Spare Parts	
Feed Roll, 0.6/0.8 mm V	0367556001
Feed Roll, 0.8/1.0 mm V	0367556002
Feed Roll, 1.0/1.2 mm V	0367556003
Feed Roll, 0.9/1.2 mm VK	0349312497
Feed Roll, 1.0/1.2 mm U	0367556004
Guide, Inlet, Wire	0558102928
Guide, Outlet, Wire	0558102929
Key, Shaft, Motor, Drive	0558102930

Wear & Spare Parts	
MXL 201 MIG Torch	
Contact Tip M6 x 25, 0.6 mm	0700200063
Contact Tip M6 x 25, 0.8 mm	0700200064
Contact Tip M6 x 25, 0.9 mm	0700200065
Contact Tip M6 x 25, 1.0 mm	0700200066
Gas Nozzle, Conical, ø 12 mm	0700200054
Gas Nozzle, Tapered, ø 9.5 mm	0700200060
Gas Nozzle, Cylindrical, ø 16 mm	0700200057
Gas Nozzle, FCAW, ø 6.5 mm	0700200105
Nozzle Spring	0700200078
Conduit/Liner, MXL, steel	0700200085
Conduit/Liner, MXL, aluminum	0700200091
Conduit/Liner, MXL, stainless steel	0700025816

ROGUE EMP 210 PRO



3 YEAR WARRANTY

eco POWER

Inverter-based multi-process welding system designed to address all your welding needs.

- **True Multi-Process**
  Synergic MIG & MMA
- **Intuitive 5” TFT Screen**
  Direct view interaction
- **Robust Housing**
  Featuring multi handles for improved portability

MULTI-PROCESS

Ordering Information	
Description	**Part Number**
Rogue EMP 210 PRO Welding System	700301092
Delivery includes: 210A multi-process power source with mains cable 16 A plug 3 m, MXL 201 MIG Torch Euro 3 m, Return cable kit, OKC 35-50 16 mm2, 3 m, Electrode holder Handy 200A heavy duty 50 mm OKC 3 m, Gas Hose with quick connect/open 4.5 m, ESAB OK AristoRod 12.50 0.8 mm 1 kg, ESAB GoldRox Electrode, 2.5x350 mm 1 kg, Feed rolls 0.6/0.8 mm V (fitted), 0.8/0.9 mm V and 0.8/0.9 mm VK, Safety instruction.	

Specification	
Mains Voltage	230 VAC ± 10%, 1ph, 50/60 Hz
Energy Save Mode	50 W
MIG (GMAW) Welding Output	210 A / 24.5 V at 30% 136 A / 20.8 V at 60% 105 A / 19.2 V at100%
MMA (SMAW) Welding Output	180 A / 27.2 V at 30% 116 A / 24.7 V at 60% 90 A / 23.6 V at 100%
TIG (GTAW) Welding Output	210 A / 18.0 V at 30% 136 A / 15.4 V at 60% 105 A / 14.2 V at 100%
Current Range	30 – 210 A
Voltage Range	12 – 26 V
Wire Dimensions	
Mild Steel & Stainless Steel	0.6 – 1.0 mm
Cored Wire & Aluminium	0.6 – 1.0 mm
Wire Feed Speed	2.0 – 16.5 m/min
Max Spool Diameter	100 mm, 200 mm
Open Circuit Voltage	78 VDC
Efficiency at Max Current	> 82%
Power Factor at Max Current	0.99
Operating Temperature	-10 to +40°C
Protection Class	IP23S
Certification Mark (Standards)	CE
Dimensions L x W x H, incl. top handle	590 x 220 x 385 mm
Weight	16.7 kg

Options & Accessories	
Description	**Part Number**
Trolley 2-wheel with cylinder support	0460330881
MXL 201 Gas-cooled Torch with Euro Connection, 3 m	0700025220
MXL 201 Gas-cooled Torch with Euro Connection, 4 m	0700025221
Gas Hose, quick connect/open, 4.5 m	0349312105
Return cable kit, OKC 50, 3 m	0700006901
Electrode holder, Handy 200A, heavy duty 50 mm OKC, 3 m	0700006900
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
MMA 4 Analogue Remote Control incl. 10 m (33 ft) cable and 8-pin connector	0700500084

Wear & Spare Parts	
Feed Roll, 0.6/0.8 mm V	0367556001
Feed Roll, 0.8/1.0 mm V	0367556002
Feed Roll, 1.0/1.2 mm V	0367556003
Feed Roll, 0.9/1.2 mm VK	0349312497
Feed Roll, 1.0/1.2 mm U	0367556004
Guide, Inlet, Wire	0558102928
Guide, Outlet, Wire	0558102929
Key, Shaft, Motor, Drive	0558102930

Wear & Spare Parts	
MXL 201 MIG Torch	
Contact Tip M6 x 25, 0.6 mm	0700200063
Contact Tip M6 x 25, 0.8 mm	0700200064
Contact Tip M6 x 25, 0.9 mm	0700200065
Contact Tip M6 x 25, 1.0 mm	0700200066
Gas Nozzle, Conical, ø 12 mm	0700200054
Gas Nozzle, Tapered, ø 9.5 mm	0700200060
Gas Nozzle, Cylindrical, ø 16 mm	0700200057
Gas Nozzle, FCAW, ø 6.5 mm	0700200105
Nozzle Spring	0700200078
Conduit/Liner, MXL, steel	0700200085
Conduit/Liner, MXL, aluminum	0700200091
Conduit/Liner, MXL, stainless steel	0700025816

ROGUE EMP 210 PRO

Options & Accessories	
Description	**Part Number**
SR-B 17V Torch, Air, OKC 50, 4 m	0700025514
SR-B 17V Torch, Air, OKC 50, 8 m	0700025515
SR-B 26V Torch, Air, OKC 50, 4 m	0700025522
SR-B 26V Torch, Air, OKC 50, 8 m	0700025523

Wear & Spare Parts	
SR-B Torches	
Back cap Long	0157123029
Back cap Medium	0588000591
Back cap Short	0157123028
Heat shield	0366960016
Collet std. Ø 1.6 mm	0157123011
Collet std. Ø 2.4 mm	0157123012
Collet body std. Ø 1.6 mm	0157123016
Collet body std. Ø 2.4 mm	0157123017
Gas nozzle (no. 5)	0157123053
Gas nozzle (no. 6)	0157123054
Gas nozzle (no. 7)	0157123055
Gas nozzle (no. 8)	0157123056
Heat shield for gas lens	0366960021
Collet body gas lens Ø 1.6 mm	0157123022
Collet body gas lens Ø 2.4 mm	0157123023
Gas nozzle for gas lens (no. 5)	0157123058
Gas nozzle for gas lens (no. 6)	0157123059
Gas nozzle for gas lens (no. 7)	0157123060
Gas nozzle for gas lens (no. 8)	0157123061

ROGUE ES 151iP / 181iP / 181iP PRO / 201iP PRO

PULSE MMA



3 YEAR WARRANTY

eco POWER

Robust and durable power source for the professional welder.

- **Superior Arc**
  Smooth, stable performance
- **Generator Compliant**
  (Recommend 8 KW)
- **Pulse MMA Funtionality**
  Enhances performance and improves heat input control

Ordering Information	
Description	**Part Number**
Rogue ES 151iP CE	0705002006
Rogue ES 181iP CE	0705002008
Rogue ES 181iP PRO CE	0705002007
Rogue ES 201iP PRO CE	0705002009

Specification				
Model	**ES 151iP**	**ES 181iP**	**ES 18iP PRO**	**ES 201iP PRO**
Primary Voltage 1 ph	230 VAC +/- 15%, 50/60 Hz	230 VAC +/- 15%, 50/60 Hz	120 – 230 VAC +/- 15%, 50/60 Hz	120 – 230 VAC +/- 15%, 50/60 Hz
Maximum Output	150 A	180 A	180 A	200 A
Rated kVA	6,9 kVA	8,7 kVA	6,0 kVA	6,9 kVA
Energy Save Mode	30 W	30 W	50 W	50 W
Open Circuit Voltage	63 V DC	63 V DC	78 V DC	78 V DC
MMA Welding Output at 20% Duty Cycle at 25% Duty Cycle at 60% Duty Cycle at 100% Duty Cycle	(230 V) 150 A / 26.0 V 97 A / 23.9 V 75 A / 23.0 V	(230 V) 170 A / 26.8 V 97 A / 23.9 V 75 A / 23.0 V	(230 V) 180 A / 27.2 V 116 A / 24.6 V 90 A / 23.6 V	(230 V) 200 A / 28.0 V 129 A / 25.2 V 100 A / 24.0 V
TIG Welding Output at 25% Duty Cycle at 60% Duty Cycle at 100% Duty Cycle	(230 V) 150 A / 16.0 V 97 A / 13.9 V 75 A / 13.0 V	(230 V) 180 A / 17.2 V 116 A / 14.6 V 90 A / 13.6 V	(230 V) 180 A / 17.2 V 116 A / 14.6 V 90 A / 13.6 V	(230 V) 200 A / 18.0 V 129 A / 15.2 V 100 A / 14.0 V
Current Range *	10 – 150 A (230 V)	10 – 180 A (230 V)	10 – 180 A (230 V)	10 – 200 A (230 V)
Pulse TIG Frequency	0.2 – 500 Hz	0.2 – 500 Hz	0.2 – 500 Hz	0.2 – 500 Hz
Pulse MMA Frequency	0.2 – 100 Hz	0.2 – 100 Hz	0.2 – 100 Hz	0.2 – 100 Hz
Operating Temperature	-10 to +40 °C			
Enclosure Class	IP23S			
Dimensions	403 x 153 x 264 mm	403 x 153 x 264 mm	403 x 153 x 264 mm	403 x 153 x 264 mm
Weight	6.8 kg	6.8 kg	8.4 kg	8.4 kg

** Current Range 230V values depending on process.* *For 120V values please see separate instruction manual.*

Options & Accessories	
Description	**Part Number**
Shoulder strap	0700500086
Rogue Plastic Case	0700500085
MMA 4 Analogue Remote Control incl. 10 m cable	0700500084
Electrode Holder, Handy 200 A with 25 mm², 3 m, OKC50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
SR-B 17V TIG Torch, OKC 50, 4 m	0700025514
SR-B 26V TIG Torch, OKC 50, 4 m	0700025522
TIG Foot Control, 4.5 m (15 ft.) cable and 8-pin connector	W4014450

ROGUE ET 181iP / 201iP PRO



3 YEAR WARRANTY

eco POWER

A powerful and easy to handle entry level high frequency start TIG machine.

- **High Frequency TIG Start**
  Smooth, stable performance
- **Advanced TIG Controls**
  Pulse feature up to 500 HZ
- **IP23S Robust Design**
  For both fabrication floor or site applications
- **Pulse MMA Funtionality**
  Enhances performance and improves heat input control

Ordering Information	
Description	**Part Number**
Rogue ET 181iP CE	0705002011
Rogue ET 201iP PRO CE	0705002010

Package includes: power source with 3 m mains cable and plug, shoulder strap, TIG torch SR-26 4 m, a set of wear parts including tungsten electrode, work lead with clamp 3 m.

Specification		
Model	**ET 181iP**	**ET 201iP PRO**
Primary Voltage 1 ph	230 VAC +/- 15%, 50/60 Hz	120 – 230 VAC +/- 15%, 50/60 Hz
Maximum Output	180 A	200 A
Rated kVA	8 kVA	7 kVA
Energy Save Mode	30 W	50 W
Open Circuit Voltage	63 V DC	78 V DC
MMA Welding Output at 20% Duty Cycle at 60% Duty Cycle at 100% Duty Cycle	(230 V) 170 A / 26,8 V 97 A / 23,9 V 75 A / 23,0 V	(230 V) 200 A / 28.0 V 129 A / 25.2 V 100 A / 24.0 V
TIG Welding Output at 25% Duty Cycle at 60% Duty Cycle at 100% Duty Cycle	(230 V) 180 A / 17,2 V 116 A / 14,6 V 90 A / 13,6 V	(230 V) 200 A / 18.0 V 129 A / 15.2 V 100 A / 14.0 V
Current Range *	10 – 180 A (230 V)	10 – 140 A (120 V)
Pulse TIG Frequency	0.2 – 500 Hz	0.2 – 500 Hz
Pulse MMA Frequency	0.2 – 100 Hz	0.2 – 100 Hz
Operating Temperature	-10 to +40 °C	-10 to +40 °C
Enclosure Class	IP23S	IP23S
Dimensions	403 x 153 x 264 mm	403 x 153 x 264 mm
Weight	8,7 kg	9.6 kg

** Currency Range 230 V values depending on process.*

Options & Accessories	
Description	**Part Number**
Shoulder strap	0700500086
MMA 4 Analogue Remote Control incl. 10 m cable	0700500084
Electrode Holder, Handy 200 A with 25 mm², 3 m, OKC50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
SR-B 26 TIG Torch, Air, OKC 50, 4 m	0700025580
SR-B 26 TIG Torch, Air, OKC 50, 8 m	0700025581
SR-B 26FX-R TIG Torch, Air, OKC 50, remote, 4 m	0700025589
SR-B 26FX-R TIG Torch, Air, OKC 50, remote, 8 m	0700025590
TIG Foot Control, 4.5 m (15 ft.) cable and 8-pin connector	W4014450

ROGUE ET 230iP AC/DC



Dual Input voltage machine for AC/DC TIG

- **AC/DC various waveforms**
  (square, soft square, sinusoidal, triangle) for optimal energy transfer
- **TIG DC pulse**
  Up to 250 Hz to increase control of heat input and weld pool
- **New Coolmini 3 cooler**
  For lightweight TIG torches

3 YEAR WARRANTY

eco POWER

Ordering Information	
Description	**Part Number**
Rogue ET 230iP AC/DC	0479100400
Rogue ET 230iP AC/DC W	0479100401

Specifiction		
Model	**Rogue ET 230iP AC/DC**	
Mains Voltage	115/230 VAC ± 15%, 1 PH, 50/60 Hz	
Fuse Slow	16A	
Rated KVA	3.3 KVA (115 VAC) 6 KVA (230 VAC)	
Energy Save Mode	<30 W	
Welding Output MMA	115 VAC: 90A / 23.6V at 30% 64A / 22.5V at 60% 49.3A / 22V at 100%	230 VAC: 180A / 27.2V at 30% 127A / 25V at 60% 99A / 23.9V at 100%
Welding Output TIG	115 VAC: 125A / 15V at 30% 88.4A / 13.5V at 60% 68.5A / 12.7V at 100%	230 VAC: 230A / 19.2V at 30% 163A / 16.5V at 60% 126A / 15V at 100%
Setting Range MMA	115 VAC MMA: 10A / 20.4V – 90A / 23.6V 230 VAC MMA: 10A / 20.4V - 180A / 27.2V	
Setting Range TIG DC	115 VAC TIG: 5A / 10.2V - 125A / 15V 230 VAC TIG: 5A / 10.2V – 230A / 19.2V	
Setting Range TIG AC	115 VAC TIG: 15A / 10.6V - 125A / 15V 230 VAC TIG: 15A / 10.6V – 230A / 19.2V	
Power Factor Max Current	99 %	
Open Circuit VDC High	68 VDC / 10VDC with VRD activated (default setting)	
Enclosure Class	IP23S	
Operating Temperature	-10 to +40 °C (+14 to +104 °F)	
Dimensions	460 x 210 x 380 mm	
Supply plug	Schuko 16A	
Weight	19 kg	

Options and accessories	
MMA 4 Analogue Remote-Control incl. 10 m cable	0700500084
Electrode Holder, Handy 200 A with 25 mm², 3 m, OKC50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
Trolley 2-wheel for Renegade	0460330881
Coolmini 3 – water cooler	0448040880
Exeor TIG SR 17 Torch, Air , 4 m	0700026220
Exeor TIG SR 17 Torch, Air , 8 m	0700026221
Exeor TIG SR 17FX-R Torch, Air , 4 m	0700026236
Exeor TIG SR 17FX-R Torch, Air , 8 m	0700026237
Exeor TIG SR 21 Torch, Water, 4 m	0700026290
Exeor TIG SR 21 Torch, Water, 8 m	0700026291
Exeor TIG SR 21-R Torch, Water, 4 m	0700026294
Exeor TIG SR 21-R Torch, Water, 8 m	0700026295

Delivery includes:
Rogue ET 230iP ACDC: power source, work lead 3 m, Exeor TIG SR 17 torch 4 m, gas hose 4 m
Rogue ET 230iP ACDC W: power source, cooling unit Coolmini 3, work lead 3 m, Exeor TIG SR 21 torch 4 m, gas hose 4 m

RUSTLER EM 280C PRO / 350C PRO / 350C PRO SYNERGIC / 350C PRO MV SYNERGIC / 350Cw PRO SYNERGIC (Water Cooled)



3 YEAR WARRANTY

eco POWER

A compact MIG welding inverter that's ideal for the most common welding challenges.

- **280 - 350 Amps Output**
  at 40% duty cycle
- **Superb Arc Characteristics**
  = less post-weld rework
- **Premium 4WD (Ø 38 mm)**
  feeding mechanism

Ordering Information		
Description	**Power Source Only**	**Power source + toolbox + Exeor 315 4m**
Rustler EM 280C PRO	0448280990	0448280880
Rustler EM 350C PRO	0448350991	0448350881
Rustler EM 350C PRO Synergic	0448350992	0448350882
Rustler EM 350C PRO MV Synergic	0448350993	0448350883
Rustler EM 350Cw PRO Synergic	0448350994	0448350884
Delivery includes Power source with 4 m input cable 3Ph plug, 3 m work lead, gas hose with quick connector 4 m, drive rolls for 0.9/1.0 + 1,2 mm wire.		

Specification				
Model	**Rustler EM 280C PRO**	**Rustler EM 350C PRO**	**Rustler EM 350C PRO MV**	**Rustler EM 350Cw PRO**
Mains Voltage	400 V ± 15%, 3 Ph, 50/60 Hz	400 V ± 15%, 3 Ph, 50/60 Hz	400 V ± 15%, 3 Ph, 230 V ± 15%, 3 Ph 50/60 Hz	400 V ± 15%, 3 Ph, 230 V ± 15%, 3 Ph 50/60 Hz
Welding Output MIG	280 A @ 40%	350 A @ 40%	350 A @ 40%	350 A @ 40%
Welding Output, MMA	250 A @ 40%	320 A @ 40%	320 A @ 40%	320 A @ 40%
Setting Range MIG	40A / 16V - 280A / 28V	30A / 15.5V -350A / 31.5V	30A / 15.5V - 350A / 31.5V	30A / 15.5V - 350A / 31.5V
Setting Range MMA	20A / 20.8V - 250A / 30V	20A / 20.8V - 320A / 32.8V	20A / 20.8V - 320A / 32.8V	20A / 20.8V - 320A / 32.8V
Wire feed speed range	1,5 – 22 m/min			
Primary Current I max MIG/MAG	17.6 A	20.6 A	20.6 A	20.6 A
Primary Current I max MMA	11.1 A	13 A	13 A	13 A
Enclosure Class	IP23	IP23	IP23	IP23
Idle Power	< 50W	< 50W	< 50W	< 50W
Mains Cable Ø mm2, length m	4x2,5 mm2, 4 m	4x2,5 mm2, 4 m	4x2,5 mm2, 4 m	4x2,5 mm2, 4 m
Operating Temperature	-10 to +40 °C (+14 to +104 °F)			
Certification Mark (Standards)	CE / UKCA			
Dimensions	977 × 487× 800 mm			977 × 487× 1000 mm
Weight	54 kg	57,5 kg	61 kg	80kg
Feeding mechanism	4WD	4WD	4WD	4WD

Features		
Model	**Rustler PRO**	**Rustler PRO Synergic**
MIG manual	v	v
MIG synergic		v
Spot welding	v	v
MMA mode	v	v
2T/4T	v	v
Inductance	v	v
Pre flow	v	v
Creep start	v	v
Burnback	v	v
Crater fill	v	v
Post flow	v	v
Five quick jobs	v	v
Material thickness setting		v

RUSTLER EM 280C PRO / 350C PRO / 350C PRO SYNERGIC / 350C PRO MV SYNERGIC / 350Cw PRO SYNERGIC (Water Cooled)

Options & Accessories

Description	Part Number
Exeor MIG 315 R4 Torch, 3m	0700026150
Exeor MIG 315 R4 Torch, 4 m	0700026151
Exeor MIG 315 R4 Torch, 5m	0700026152
Exeor PSF 420w R4 Torch, 3m	0700026186
Exeor PSF 420w R4 Torch, 4 m	0700026187
Exeor PSF 420w R4 Torch, 5m	0700026188
Top Storage Toolbox	0448156880
User Interface Protective Cover	0448157880
CO2 heater KIT	0700401024
Electrode holder kit, Handy 300, OKC 50, 3 m	0700006902
Electrode holder kit, Handy 300, OKC 50, 5 m	0700006888
Marathon pack adaptor	F102440-880
Hose Extension Kit	0448479880
Coolant liquid 10 l	0465720002

Wear & Spare Parts

	Groove / Side 1	Groove / Side 2	Part Number
Feed Roller V-Groove for Fe/SS/Cored Wire			
Feed Roller V Groove	0.6 mm	0.8 mm	0445850001
Feed Roller V Groove*	0.8 mm	0.9 / 1.0 mm	0445850002
Feed Roller V Groove	0.9 / 1.0 mm	0.9 / 1.0 mm	0445850003
Feed Roller V Groove	0.9 / 1.0 mm	1.2 mm	0445850004
Feed Roller V Groove	1.2 mm	1.2 mm	0445850005
Feed Roller V-Groove for Cored Wire			
Feed Roller V-K Groove	0.9 / 1.0 mm	1.2 mm	0445850030
Feed Roller V-K Groove	1.2 mm	1.2 mm	0445850031
Feed Roller V-K Groove	1.2 mm	1.4 mm	0445850032
Feed Roller U-Groove for Aluminium Wire			
Feed Roller U Groove	0.8 mm	1.0 mm	0445850050
Feed Roller U Groove	1.0 mm	1.2 mm	0445850051
Feed Roller U Groove	1.2 mm	1.6 mm	0445850052
Wire Guide	Inlet Nozzle	Middle Nozzle	Outlet Nozzle
Outlet Wire Guide for Fe/SS/C 0.6–1.6 mm	0445822001	0446080882	0445830881
Outlet Wire Guide for Al 0.8–1.6 mm	0445822001	0446080881	0445830885

RUSTLER EM 201 / 203 / 251 / 253



3 YEAR WARRANTY

eco POWER

A compact MIG welding inverter that's ideal for the most common welding challenges.

- **200 - 250 Amps Output**
  at 35% duty cycle, single and three phase models
- **Superb Arc Characteristics**
  = less post-weld rework
- **Built-in MMA Mode**
  flexibility to weld different base materials

Ordering Information	
Description	**Part Number**
Rustler EM 201	0448200880
Rustler EM 203	0448200890
Rustler EM 251	0448250880
Rustler EM 253	0448250890
Delivery includes: Power source with 4 m input cable, 3 m work lead, gas hose with quick connector 4 m, drive rolls for 0.8/1.0 mm wire. (Rustler EM 201 & EM 203 with TBI 150 Expert Mini 3m torch; Rustler EM 251 & EM 253 with TBI 250 Expert Mini 3m)	

Specification				
Model	**Rustler EM 201**	**Rustler EM 203**	**Rustler EM 251**	**Rustler EM 253**
Mains Voltage	230 V ± 15%.1 Ph. 50/60 Hz	400 V ± 15%. 3 Ph. 50/60 Hz	230 V ± 15%.1 Ph. 50/60 Hz	400 V ± 15%. 3 Ph. 50/60 Hz
Welding Output MIG	200 A @ 35%	200 A @ 35%	250 A @ 35%	250 A @ 35%
Welding Output, MMA	180 A @ 35%	200 A @ 35%	220 A @ 35%	220 A @ 35%
Setting Range MIG	30A / 15.5V - 200A / 24V	40A / 16V - 200A 24V	30A / 15.5V - 250A / 26.5V	40A / 16V - 250A / 26.5V
Setting Range MMA	20A / 20.8V - 180A / 27.2V	20A / 20.8V - 200A / 28V	20A / 20.8V - 220A / 28.8V	20A / 20.8V - 220A / 28.8V
Wire feed speed range	1,5 – 22 m/min			
Primary Current I max MIG/MAG	25.5 A	8.6 A	35 A	7:00 am
Primary Current I max MMA	25.5 A	10:00 am	31.5 A	6.8 A
Enclosure Class	IP23	IP23	IP23	IP23
Idle Power	< 50W	< 50W	< 50W	< 50W
Mains Cable Ø mm2, length m	3Gx2.5 mm2. 4 m	4x2.5 mm2. 4 m	3Gx4 mm2. 4m	4x2.5 mm2. 4 m
Operating Temperature	-10 to +40 °C (+14 to +104 °F)			
Certification Mark (Standards)	CE / UKCA			
Dimensions	-10 to +40 °C (+14 to +104 °F)			
Weight	46 kg	45,5 kg	47 kg	52 kg
Feeding mechanism	2R	2R	2R	2R

Options & Accessories	
Description	**Part Number**
TBI 150 Expert Mini Gas-cooled Torch with Euro Connection, 3 m	102P351030
TBI 150 Expert Mini Gas-cooled Torch with Euro Connection, 4 m	102P351040
TBI 250 Expert Mini Gas-cooled Torch with Euro Connection, 3 m	104P351030
TBI 250 Expert Mini Gas-cooled Torch with Euro Connection, 4 m	104P351040
MIG Torch Exeor 315 R4, Remote, 4 m	0700026151
Top Storage Toolbox	0448156880
User Interface Protective Cover	0448157880
CO2 heater KIT	0700401024
Electrode holder kit, Handy 300, OKC 50, 3 m	0700006902
Electrode holder kit, Handy 300, OKC 50, 5 m	0700006888

CUTMASTER 30+



The total portable plasma cutting package with unbeatable power.

- **Power & Portability**
  Cutting power on the move - up to 10mm
- **Advanced Cutting Features**
  Consumables last even longer
- **Intuitive Interface**
  4.3" TFT colour screen

Ordering Information	
Description	**Part Number**
ESAB Cutmaster 30+ Package, 230 V 1 ph (Shuko plug) CE/UKCA *	0559130004

Specification	
Amp Low - High	10 A - 30 A, Continuously adjustable
Recommended Generator	6.5 kW
Input Ratings	120 – 240 VAC, 1 ph, 50/60 Hz
Duty Cycle	20 A @ 100 % duty cycle 30 A @ 40 % duty cycle
Operating Temperature	-10 – 50 °C
Gas Requirements	Compressed Air
Gas Pressure	6.2–8.6 bar
Gas Flow	80–150 l/min
Pierces	10 mm
Enclosure Class	IP23S
Certification	CE, UKCA
Recommended Cut	up to 10 mm
Maximum Edge Start	up to 16 mm
Dimensions L x W x H 465 x 200 x 315 mm	465 x 200 x 315 mm
Weight (Including Torch)	11 kg

Wear & Spare Parts Torch	
Description	**Part Number**
Electrode, SL60	9-8215
Cutmaster Black Series Extended Life Electrode	9-8214
Start Cartridge, SL60	9-8213
Shield Cup, SL60	9-8218
Shield Cup, SL60, Max Life	9-8237
Shield Cap, Gouging, Max Life (A – D)	9-8241
Shield Cap Deflector, Max Life (All)	9-8243
A size gouging tip	9-8225
B size gouging tip	9-8226
Cutting tip 20A	9-8205
Cutting tip 30A	9-8206
Torch "O" Ring 1	8-3487
Torch "O" Ring 2	8-3486

Options & Accessories	
Description	**Part Number**
Cutting Guide Kit	7-7501
Circle Cutting Guide Kit	7-3291
Straight Line Cutting Guide	7-8911
Yellow Leather Lead Cover, 7.6 m (25 ft)	0700009088
Black Leather Lead Cover, 7.6 m (25 ft)	0700009089
Multi-Purpose Cart	7-8888
Single Stage Air Filter Kit	7-7507
Two Stage Air Filter Kit	9-9387
Shoulder Strap	0445197880

CUTMASTER 50+



The total portable plasma cutting package with unbeatable power.

- **Power & Portability**
  Cutting power on the move - up to 16mm
- **Advanced Cutting Features**
  Consumables last even longer
- **Intuitive Interface**
  4.3” TFT colour screen

Ordering Information	
Description	**Part Number**
ESAB Cutmaster 50+ Package, 400 V 3 ph CE/UKCA *	0559150004
Torches	
SL60 1Torch and Lead 6.1 m (20 ft) 75° Head	7-5204
SL60 1Torch and Lead 15.2 m (50 ft) 75° Head	7-5205
*Cutmaster 50+ power supply, SL60 75° torch and lead 5 m , work lead with ground clamp 3 m, consumables kit, regional 1/4” air fitting. Cutmaster 50+ is compatible with all Torch ATC torch connections.	

Specification	
Amperage Output	15 – 50 A, continuously adjustable
Recommended Generator Size	12 kW (or higher)
Recommended Cut and Pierce Capacity	Up to 16 mm
Maximum Edge Cut Capacity	Up to 32 mm
Input Voltage	400 VAC +/- 10%, 50/60 Hz, 3ph
Rated Duty Cycle @ 40° C	60% @ 50 A with cutting voltage 150 V
Recommended Circuit Breaker Size (at Maximum Cut Capacity)	16 A
Amperage Draw (at Maximum Cut Capacity)	15.5 A
Input Power Cable	3 m, 12 AWG 4/C or 2.5mm2 without plug
Work Lead with Ground Clamp	3 m, 10 mm2 work cable with 25 mm² connection
Gas Requirements	Compressed air
Operating Temperature Range	-10° C to + 50° C
Compressed Air Pressure Requirement	6.2 – 8.6 bar (90 – 125 psi) (0.62 – 0.86 Mpa)
Compressed Air Flow Requirement	142 – 235 l/min (350-500 scfh)
SL60 Torch Duty Cycle	100% @ 60 A with 165 l/min (350 scfh) air flow
Torches – for use with Cutmaster 50+	SL60 1Torch (supplied)
Enclosure Class	IP23S
Certifications	CE, UKCA
Dimensions L x W x H	465 x 200 x 315 mm
Weight	16 kg

Options & Accessories	
Description	**Part Number**
Cutting Guide Kit	7-7501
Circle Cutting Guide Kit	7-3291
Straight Line Cutting Guide	7-8911
Yellow Leather Lead Cover, 7.6 m (25 ft)	0700009088
Black Leather Lead Cover, 7.6 m (25 ft)	0700009089
Multi-Purpose Cart	7-8888
Single Stage Air Filter Kit	7-7507
Two Stage Air Filter Kit	9-9387
Shoulder Strap	0445197880

Wear & Spare Parts Torch	
Description	**Part Number**
Electrode, SL60	9-8215
Cutmaster Black Series Extended Life Electrode	9-8214
Start Cartridge, SL60	9-8213
Shield Cup, SL60	9-8218
Shield Cup, SL60, Max Life	9-8237
Shield Cap, Gouging, Max Life (A – D)	9-8241
Shield Cap Deflector, Max Life (All)	9-8243
A size gouging tip	9-8225
B size gouging tip	9-8226
Cutting tip 20A	9-8205
Cutting tip 30A	9-8206
Cutting tip 40A	9-8207
Cutting tip 50A	9-8209
Cutting shield cap (40A)	9-8244
Cutting shield cap (50A)	9-8235
Torch “O” Ring 1	8-3487
Torch “O” Ring 2	8-3486
Stand Off Cutting Guide	9-8251

Ordering Information	
Description	**Part Number**
MechPak, 7.6 m (25 ft) Kit	7-7725
MechPak, 15.2 m (50 ft) Kit	7-7750

CUTMASTER 70+



3 YEAR WARRANTY

eco POWER

The total portable plasma cutting package with unbeatable power.

- **Power & Portability**
  Cutting power on the move - up to 19mm
- **Advanced Cutting Features**
  Consumables last even longer
- **Intuitive Interface**
  4.3" TFT colour screen

Ordering Information	
Description	**Part Number**
ESAB Cutmaster 70+ Package, 400 V 3 ph CE/UKCA *	0559170004
Torches	
SL60 1Torch and Lead 6.1 m (20 ft) 75° Head	7-5204
SL60 1Torch and Lead 15.2 m (50 ft) 75° Head	7-5205
*Cutmaster 70+ power supply, SL60 75° torch and lead 5 m, work lead with ground clamp 3 m, consumables kit, regional 1/4" air fitting. Cutmaster 70+ is compatible with all Torch ATC torch connections.	

Specification	
Amperage Output	15 – 70 A, continuously adjustable
Recommended Generator Size	20 kW (or higher)
Recommended Cut and Pierce Capacity	up to 19 mm
Maximum Edge Cut Capacity	up to 38 mm
Input Voltage	400 VAC +/- 10%, 50/60 Hz, 3ph
Rated Duty Cycle @ 40° C	50% @ 70 A with cutting voltage 150 V
Recommended Circuit Breaker Size (at Maximum Cut Capacity)	32 A
Amperage Draw (at Maximum Cut Capacity)	21 A
Input Power Cable	3 m, 12 AWG 4/C or 4.0mm2 without plug
Work Lead with Ground Clamp	3 m, 10 mm2 work cable with 25 mm² connection
Gas Requirements	Compressed air
Operating Temperature Range	-10° C to + 50° C
Compressed Air Pressure Requirement	6.2 – 8.6 bar (90 – 125 psi) (0.62 – 0.86 Mpa)
Compressed Air Flow Requirement	142 – 235 l/min (300 – 500 scfh)
SL60 Torch Duty Cycle	100% @ 60 A with 165 l/min (350 scfh) air flow
Torches – for use with Cutmaster 70+	SL60 1Torch (supplied)
Enclosure Class	IP23S
Certifications	CE, UKCA
Dimensions L x W x H	465 x 200 x 315 mm
Weight	16 kg

Options & Accessories	
Description	**Part Number**
Cutting Guide Kit	7-7501
Circle Cutting Guide Kit	7-3291
Straight Line Cutting Guide	7-8911
Yellow Leather Lead Cover, 7.6 m (25 ft)	0700009088
Black Leather Lead Cover, 7.6 m (25 ft)	0700009089
Multi-Purpose Cart	7-8888
Single Stage Air Filter Kit	7-7507
Two Stage Air Filter Kit	9-9387
Shoulder Strap	0445197880

Wear & Spare Parts Torch	
Description	**Part Number**
Electrode, SL60	9-8215
Cutmaster Black Series Extended Life Electrode	9-8214
Start Cartridge, SL60	9-8213
Shield Cup, SL60	9-8218
Shield Cup, SL60, Max Life	9-8237
Shield Cap, Gouging, Max Life (A – D)	9-8241
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Cutting tip 20A	9-8205
Cutting tip 30A	9-8206
Cutting tip 40A	9-8207
Cutting tip 50A	9-8209
Cutting shield cap (40A)	9-8244
Cutting shield cap (50A)	9-8235
Torch "O" Ring 1	8-3487
Torch "O" Ring 2	8-3486
Stand Off Cutting Guide	9-8251

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