



EQUIPMENT SOLUTIONS

Light industrial welding equipment

Equipment Solutions ESAB Mediterranean Region Izmir. 21st October 2025

Light Industrial Products



LIP - THE ULTIMATE LINE-UP







Where portability is the key of success !!

















Robust, portable and durable welding machines for MMA & TIG applications

- » NEW Rogue ES / ET DC series, implemented HMI refreshment as well as enhancement of welding capabilities, adding MMA pulse welding feature for even better control.
- » Applications: Repair and Maintenance, Civil Construction, Agricultural Equipment,









APPLICATIONS 1 E oŏ

Industrial and General Fabrication.

ES 1811P PRO





MMA **PPLICATIONS**

ROGUE ET 201iP PRO



Points of differentiation & strength



High performance electronics

Consistent arc performance



Bright LED display

With even more intuitive front panel



Pulse MMA

Improved performance on demanding applications



Pulse TIG DC

Improved performance on demanding applications



TIG HF (<u>ET models</u>) and LiveTIG™ (<u>ES models</u>)

Reliable and safe TIG arc start, every time



High durability housing

Improved lifetime



Full protection by IP23S

For outdoor use



Compact dimensions

Small footprint and portability



Adjustable Hot Start and Arc Force

Smooth power for various metals







Additional features on specific models



Remote control (ES PRO models and ET models only)
For even better usability



Cellulosic mode (ET models only)



PFC functionality (PRO models only)
Stable power supply on any power grid





What is included in item number?





Additional accessories, available as options:

















PFC functionality in Rogue ES / ET DC PRO version

PFC benefits: stable arc on poor network and long extension cables

Rogue ES/ET PRO input circuits are equipped with active Power Factor Correction module (PFC). This technology compensates the phase difference between power and current, which benefits in many aspects.

Advantages of PFC

- Environmental benefit Reduction of power consumption due to improved energy efficiency
- Compensate voltage drop in long cables, even *up to 100m*
- Extended equipment life Reduced electrical burden on cables and electrical components



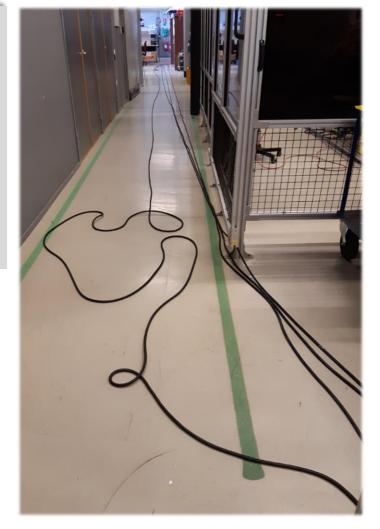








ET 201iP PRO









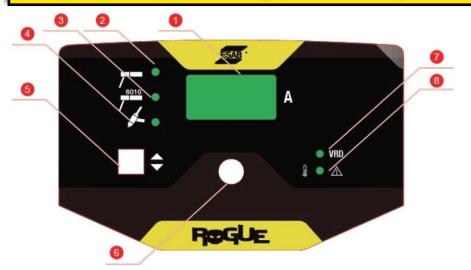






ROGUE ES 250i

For MMA welding, powered by 400V three-phase, capable of delivering 250 Ampere at 40%







Large and bright display

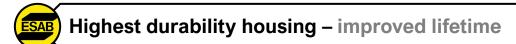




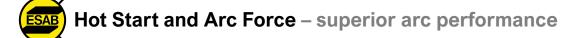
ROGUE ES 250i

Points of differentiation & strength















Remote control – improved usability

Large OKC's socket – longer lifetime

Compact dimensions – small footprint and portability





ROGUE ES 250i

What is included in item number?



Additional accessories, available as options:



















phase

ROGUE ET 230iP AC/DC







Advanced features, simply delivered

















Points of strength & differentiation



POGUE?
LEGION

Robust design Induidive 5 inches TITT sereen

30%

(B)

4

230

1 phase TIG III

TIG DC

TIG AC

MMA

Easy to setup and adjust by means icons and knobs

Three lifting points

Thigger Job call, to recall preprogrammed Jobs using MIG/IMAG torch

10 memory positions (IOBS) recalled via control panel

> Air/Water cooled: modularity

Lightweight for great portability

Cellulosic program

TIG DC pulsed

TIG AC
pulsed





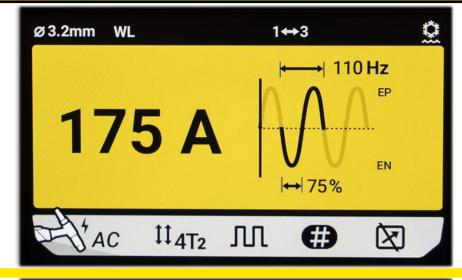


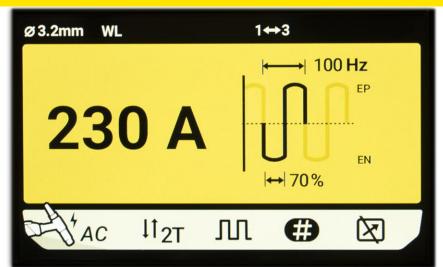




TIG AC – Four different adjustable waveshapes to fit to different needs













CoolMini 3 – water cooling unit – modularity









Applications – examples





<u>Applications:</u> Light Fabrication, Pipe Construction, Repair & Maintenance, Training Schools, Industrial & General Fabrication, Chemical industry, Steel Erectors









Easy to use and portable MIG/MAG synergic welding machine

<u>Multiprocess</u> welding machine (synergic MIG/MAG, manual MIG/MAG, FCAW, Live TIG and MMA) with extended point of differentiations, including MIG/MAG synergic lines and great portability.

Ideal for the *light industrial till to general fabrications* (either shop or field) farm/ranch, constructions, repair & maintenance, etc....











Points of differentiation & strength

10 mamory positions (JOBS) Lightweight for great portability

PFC

Arc Dynamics

5 lifting points

2-stroke/4-stroke /Spot

il phase Air cooled

Easy to set and adjust: icoms and knobs



Trigger Job call,
to recall
preprogrammed
Jobs using
IVIIG/IVIAG torch

LiveTIG

MIG/MAG manual

MIG/MAG synergie

Intuitive 5 inches 1111 screen



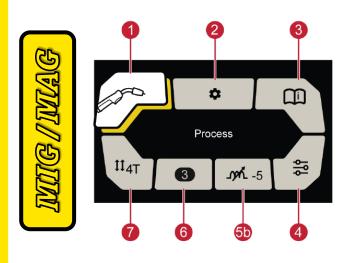


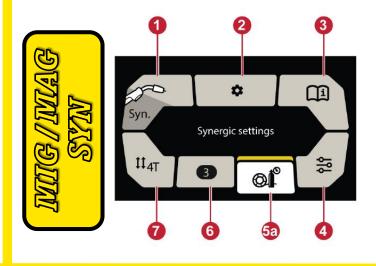
Cellulosic

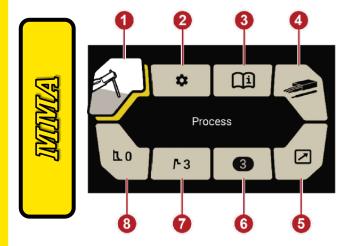
program

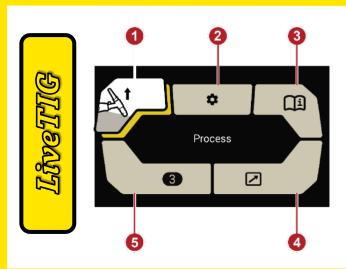
Clear and intuitive HMI – examples of screenshots







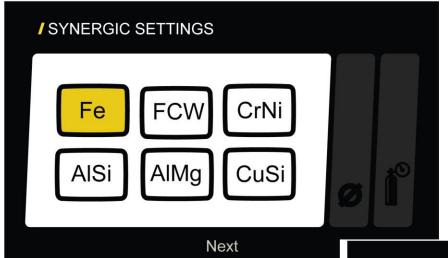


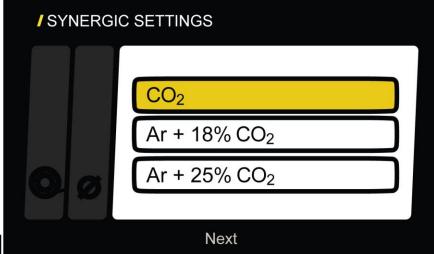






Clear and intuitive interface – easy to setup synergic lines









Applications – examples

















Extreme robustness and portability for MMA applications



180 A @ 25%











Extreme robustness and portability for MMA applications

1 3 memory phase positions (JOBS)

Cellulosic program

winner



Lightsweight for great portability

Large & bright display

Highest durability
housing



Live TIG

Cables management

Multiple lifting points











Comparison between Renegade ES 210i vs Rogue ES 201iP PRO







- » Highest durability housing, for demanding environments
- » Superb arc performance
- Three lifting points
- » Cellulosic program in MMA
- Three memory positions with direct access
- » High quality shoulder strap supporting cable management











Extreme robustness and portability for TIG DC PULSE applications with HF start



Air cooled version







Water cooled version









Extreme robustness and portability for TIG DC PULSE applications with HF start

25%

(B)

4

210







TIG DC



PFC MINIA

TIG DC PULSE

Optimal cable management

Three lifting points

Lightweight for great portability

Large and bright display

High quality shoulder strap



Adjustable Are Force & Hot Start

Highest durability housing

Air / Water cooled

Settings of TIG DC pulse by means TIG SEQUENCIER

TIIG pulse frequency fill to 999 Hz





Trolley & water-cooling unit EC 1001 – modularity

Trolley as optional



- >> Lightweight
- » No tools needed to connect to welding machine
- » Portable. Handle on cooler for easy transport

















Comparison between Renegade ET 210iP vs Rogue ET 201iP PRO



- » Most durable housing with many lifting points
- » Higher Pulse frequency (999Hz)
- Sequencer with direct access on User Interface
- Water cooler as option
- » High quality shoulder strap supporting cable management
- » Superb arc performance













RENEGADE ET 210iP <u>ADVANCED</u>

Outstanding 1-phase welding machine for TIG HF DC PULSE applications



Renegade ET 210iP Advanced









RENEGADE ET 210iP <u>ADVANCED</u>

Outstanding 1-phase welding machine for TIG HF DC PULSE applications















210 A @ 25%









Points of strength & differentiation



Highest durability housing - improved lifetime



Multiple lift points – easy to work in field



Cable management – *improved ergonomics*



Large, bright display - visible from distance



Large OKC's socket – *longer lifetime*



Build in PFC - more power, reduced electricity bills



Remote control - improved usability



Full TIG sequencer – adjustable for optimal arc



Pulsed up to 999 Hz – best control on heat input

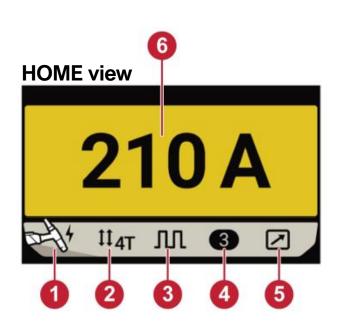








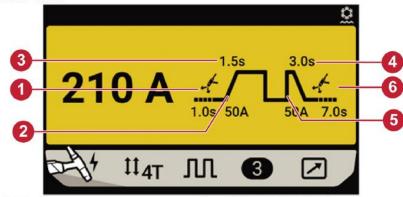
User interface – navigation logic



- 1. Process selection
- 2. Trigger mode
- 3. Pulse

- 4. Selected job number
- 5. Remote control
- 6. Welding current

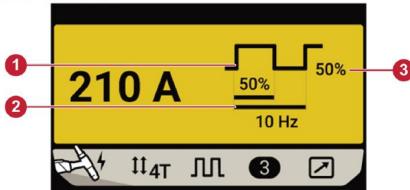
Sequencer TIG home view



- 1. Gas pre-flow view
- 2. Start current view
- 3. Slope up view

- 4. Slope down view
- Final current view
- 6. Gas post-flow view

Sequencer/Pulse TIG home view

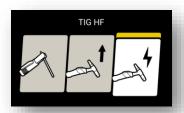


- 1. Peak time view
- 2. Frequency view

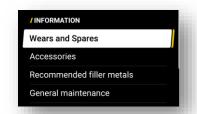
3. Background current view

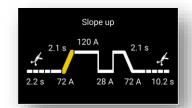


TIG process – Examples of screenshots





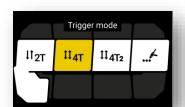


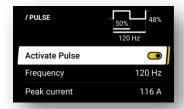
















MENU structure:

- » Process selection
- » Settings
- » Information
- >> TIG sequencer
- » Trigger mode
- >> Pulse settings
- » JOBS
- » Remote control



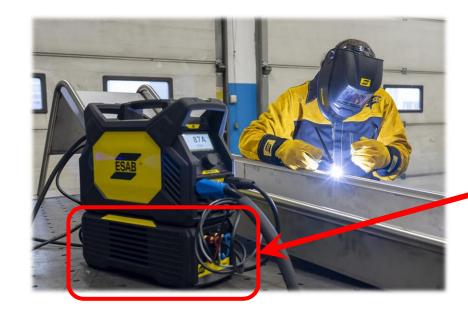


Trolley & water-cooling unit EC 1001 - modularity



Trolley as optional

- >> Lightweight,
- No tools needed to connect to welding machine
- » Portable. Handle on cooler for easy transport







Izmir, 21st October 2025

Comparison between Renegade ET 210iP ADVANCED vs Rogue ET 201iP PRO



- » Highest durability housing, for demanding environments
- » Superb arc performance
- TIG pulse up to 999 Hz to increase control of heat input and weld pool
- >>> Easy-to-read and quick-to-set panel, reduces downtime and improves accuracy
- >> 4.3" colour screen provides a visual presentation of adjustment
- Easily access up to 10 jobs by torch trigger
- Modular system with tool-less connection to optional water cooler and trolley
- » Many lifting points
- Stronger HF start circuit, less interferences
- » High quality shoulder strap supporting cable management









MMA welding machine powered by batteries or 230 Volt single-phase or hybrid mode

What makes this battery-powered welder different from other mobile welders?



120/230 V MAINS MODE

Amp⁺

BATTERY AC + BATTERY MODE HYBRID MODE



+ -+







reddot winner 2024







Cordless, battery-powered welding machine

Rugged Industrial Design

- » Durable, impact resistant Renegade housing
- Excellent welding performances
- Maximum portability

Superior Run Time

- » Detachable battery box for easy transportation
- yy 4x interchangeable DeWALT FlexVOLT 12Ah batteries

12 FLEX

- » Batteries compatible with DeWalt hand tools
- External 4-port fast charger



12 FLEX

12 FLEX

Unique HMI

- TFT screen with sun friendly display
- » MMA & LiveTIG
- Special features:
 - Hot start
 - Arc Force
 - Cellulosic mode (6010)
- 30 memory positions to recall previous saved welding parameters as needed, saving time.
- » Operating modes:
 - AC mains
 - DC battery
 - AMP+ (hybrid mode)









Three operating modes

Specifications				
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 (AC)	120V 110 A / 24.4 V @ 25 % 70 A / 22.8 V @ 60 % 55 A / 22.2 V @ 100 %	230V 200 A / 28.0 V @ 25 % 129 A / 25.2 V @ 60 % 100 A / 24.0 V @ 100 %		
Welding Output, MMA (Battery Mode)	80V 130 A / 25.2 V @ 18 % 110 A / 24.4 V @ 25 % 80 A / 23.2 V @ 60 % 60 A / 22.4 V @ 100 %			
Welding Output, MMA (Hybrid Mode) AMP+	120V 150 A / 26.0 V @ 25 % 90 A / 23.6 V @ 60 % 70 A / 22.8 V @ 100 %	230V 200 A / 28.0 V @ 25 % 129 A / 25.2 V @ 60 % 100 A / 24.0 V @ 100 %		





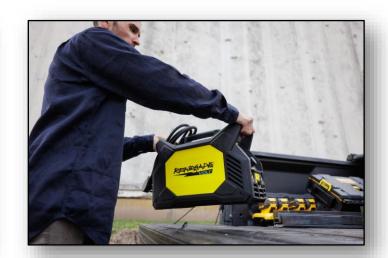
Number of electrodes per charge

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 (4) DeWALT FlexVOLT 18V/54V Max 12 Ah Batteries, consumption may vary when using other FlexVOLT battery packs or operating parameters













INCLUDED ACCESSORIES



Power Supply with Battery Box Attached



RENEGAPE

ADVANTAGES OVER EDWs













WELDER /
GENERATOR





Applications – examples





Applications:

Repair and Maintenance

Civil Construction

Agriculture

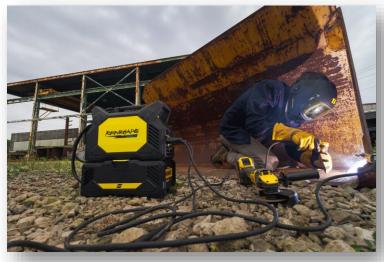
Food & Beverage

Ship & Offshore Yards

Railcars

Power Generation

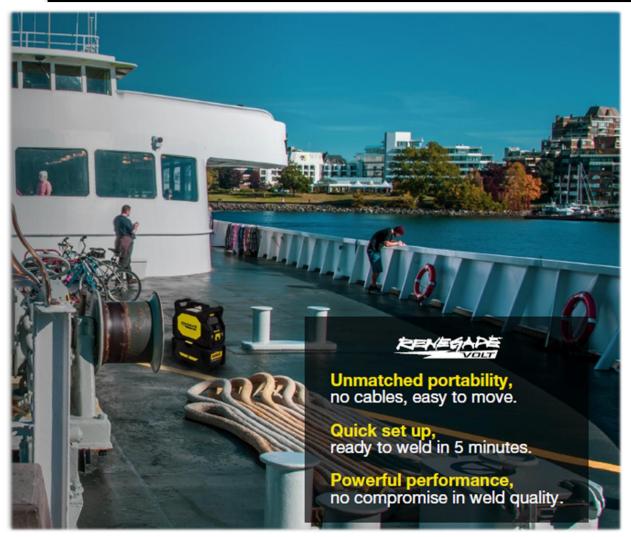
Transportation

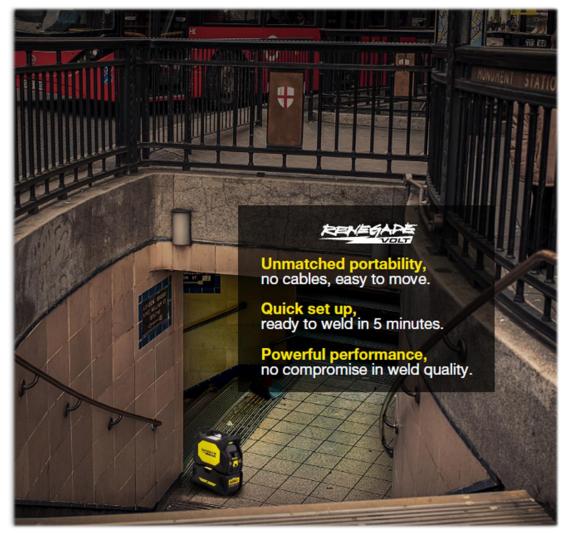






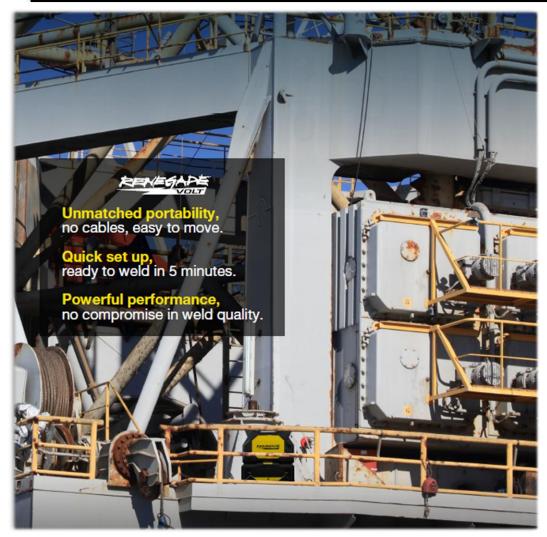


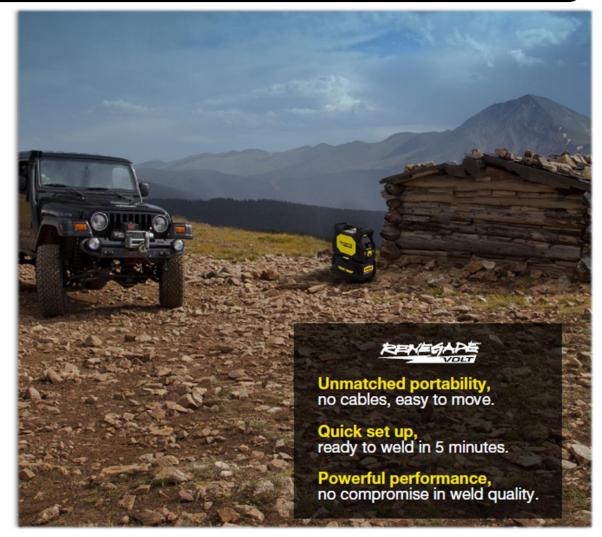






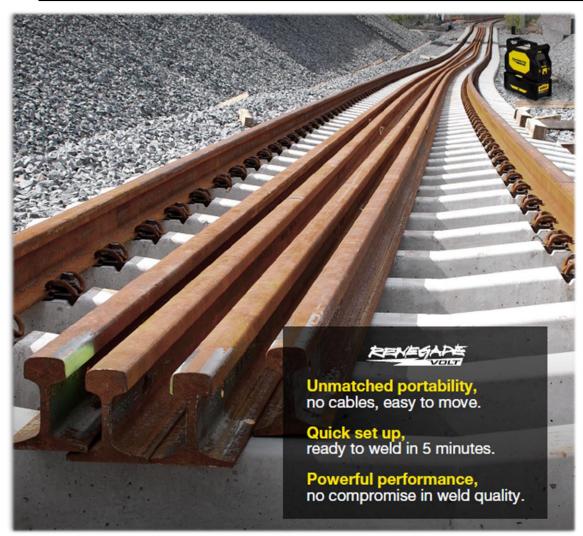












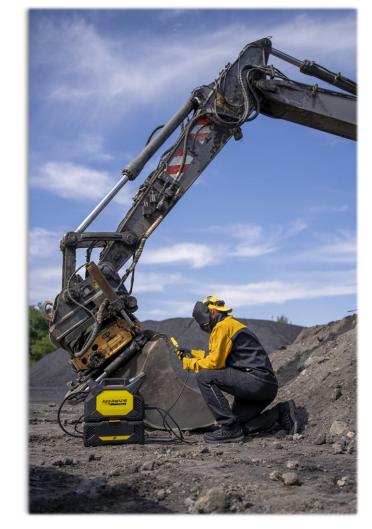


























RUSTLER & RUSTLER ELLER

NEW family of inverter compact MIG/MAG welding machines with low energy consumption

Rustler EM 350Cw PRO PULSE Rustler EM 350Cw PRO SYNERGIC



Water cooled

Equipment Solutions

ESAB Mediterranean Region

Izmir, 21st October 2025

Air cooled

Air cooled

Air cooled

Water cooled



RUSTLER & KUSTLEK PULSE

Convenience, simplicity and versatility in an impactful industrial design



- Based on our **tested**, **performing and more efficient inverter technology**, to weld well, reducing energy consumption
- Equipped with our **best four-rollers wire drive system** (Ø38mm), for an exceptional arc stability
- Hybrid user interface composed by double panel: simple and intuitive, for an easier and immediate use
- **5 memory positions** available, to reduce welding machine setup time
- Toolbox for organizing accessories, for a more versatile and efficient use
- Arc quality focused on *great arc starts* / *stops performance*, high arc stability, minimized spatter level



RUSTLER & KUSTLER ELLER

HYBRID user interface: suitable for any welder experience levels

External front control panel



Internal lateral control panel



RUSTLER & RUSTLER ELLER

Wire feeding system with 4 oversize feed rollers for a secure grip

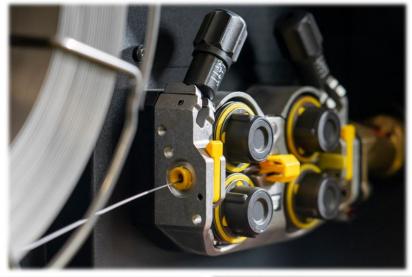
Best in class feeding mechanism

- Casted aluminium body
- Four active drive rollers
- » High quality precise motor

Best in class drive rolls

- » Quick change, no tools needed
- » Roller diameter 38mm
- » Colour coded rollers diameter

Designed by ESALB with highest quality and performance and durability in mind







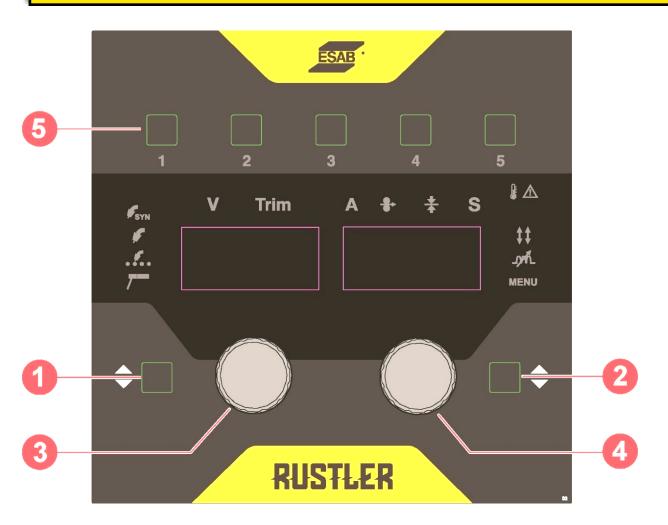






RUSTLER & RUSTLER ELE

Main functions are on the external front panel



Processes:

- MIG/MAG Synergic (<u>only in Synergic model</u>)
- » MIG/MAG manual
- » MIG Spot
- » MMA





Equipment Solutions

ESAB Mediterranean Region Izmir, 21st October 2025

RUSTLER & KUSTLER ELE

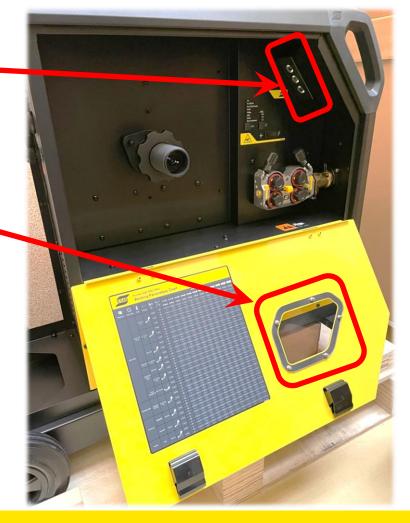
Inspection window, light inside chamber & special hinge with durable breaker







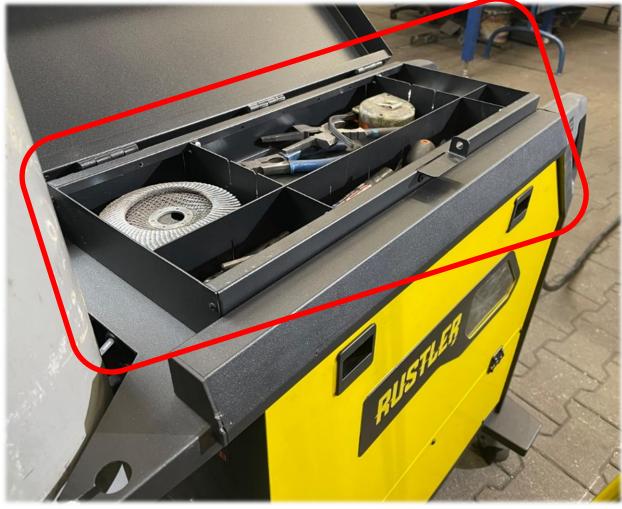




RUSTLER & RUSTLER FULSE

Toolbox (optional): top storage area, customizable sections, usable for tools or wear parts





RUSTLER PULSE



RUSTLER FULSE

Ready for all materials – optimized arc programs for carbon steel, stainless steel, aluminum











RUSTLER FULSE

Pulse MIG/MAG benefits



Pulse MIG/MAG benefits:

- >> Lower heat input Minimizes distortion and burn-through, ideal for heat-sensitive alloys
- Reduced spatter Cleaner welds, less post-weld cleanup, and longer torch life
- » High-quality welding Visually appealing results, especially for aluminium
- Higher deposition rates Boosts productivity and travel speed
- >> Stable arc Better control, ideal for out-of-position welding
- >> User-friendly Easier to weld, less training required
- » Optimized arc programs for carbon steel, stainless steel, aluminium.





RUSTLER & RUSTLER ELE

Applications – examples

Segments:

- » Industrial and General Fabrication
- » Structural Steel Fabrication
- » Steel Erectors
- » Steel Service Centres
- » Repair and Maintenance
- » Agricultural Equipment
- >> Workshops

Rustler EMIP PRO is very versatile, used widely in many segments









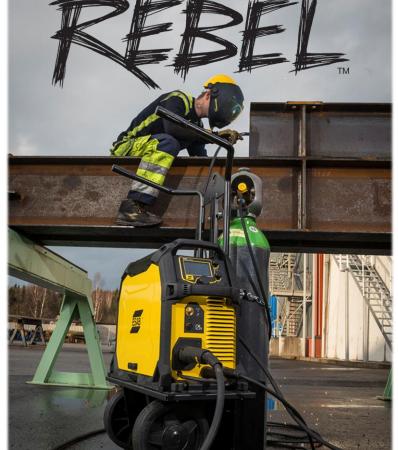


















The Go-Anywhere, Weld-Anything Welding Machines





Specs

	EMP 205ic AC	C/DC		EMP 215ic		EMP 235ic	EMP 235ic		EMP 320ic	
	For additional	TIG capabilities		For maximum portability		For workshops with single phas	For workshops with single phase power		For production welding with solid and flux-cored wires	
Input voltage	Single phase (1p	h) 110V - 230V		Single phase (1ph) 110V - 230V		Single phase (1ph) 110V - 230V		Three phase (3ph) 360V - 440V		
Output power	MIG	MMA	AC/DC (TIG)	205A @ 25%		230A @ 25%		320A @ 40%		
Output power	205A @ 25%	170A @ 25%	205A @ 25%	203/16/2070		2001 6 2370		020/16 4070		
Maximum output	235A		235A		250A	250A		350A		
Spool size	200 mm		200 mm		200 - 300 mm		200 - 300 mm			
Weight	25.5 kg (portable)		18.6 kg (portable)		28.6 kg		31.4 kg			
Drive system	2-wheel, 11.9 m/min wire feed speed		2-wheel, 11.9 m/min wire feed speed		2-wheel, 17.8 m/min wire feed speed		4-wheel, 20.3 m/min wire feed speed			
Wire type and dimensions	Mild steel	0.6 - 1.0) mm	Mild steel	0.6 - 1.0 mm	Mild steel	0.6 - 1.0 mm	Mild steel	0.8 - 1.4 mm	
	Stainless steel	0.8 - 1.2	mm	Stainless steel	0.8 - 1.2 mm	Stainless steel	0.8 - 1.0 mm	Stainless steel	0.8 - 1.4 mm	
	FCW	0.8 - 1.2	mm	FCW	0.8 - 1.2 mm	FCW	0.8 - 1.2 mm	FCW	0.8 - 1.6 mm	
	Aluminium	1.0 - 1.2	mm	Aluminium	1.0 - 1.2 mm	Aluminium	1.0 - 1.2 mm	Aluminium	1.0 - 1.4 mm	









































For craftsmen & professionals

Designed for craftsmen and professionals for a wide range of light fabrication, repair and maintenance applications:

- ✓ Multi-Process
- ✓ Versatility: Motogenerator compatible
- ✓ Durability:
 Housed in a lightweight steel frame for superior strength, Internal steel skeleton for superior component protection, Increases strength and durability, 5 handle Roll cage
- ✓ Portability
- ✓ Ease of Use





FEATURES GUIDE	EMP 205ic AC/DC	EMP 215ic	EMP 235ic	EMP 320ic
MIG/MAG functionality	X	Х	X	Х
MMA functionality	X	Х	X	Х
TIG AC functionality	X			
LiftTIG functionality	X	Х	X	Х
sMIG	X	Х	Χ	Х
Multi lingual TFT-display	X	Х	X	Х
200 mm bobbin capability	X	Х	Х	Х
300 mm bobbin capability			X	Х
2-wheel wire feed mechanism	X	Х	Х	
4-wheel wire feed mechanism	X			X
Weld setting storage (memories)	X	Х	X	Х
Inductance control	X	Х	Χ	Х
2t and 4t trigger functionality	X	Х	X	Х
Voltage trim adjustment	X	Х	X	Х
SCT (Short Circuit Termination)	X	Х	X	Х
Adjustable burn-back time	X	Х	Х	Х
Pre and Post gas flow (TIG & MIG/MAG)	X	Х	X	Х
Spot welding (MIG/MAG)	X	X	X	Х
Gas purging	X			Х
Wire inching	X			Х
Creep start	X			Х
Adjustable Hot start and Arc force (MMA)	X	Х	X	Х
Adjustable slope up/down (TIG)	X	Х	X	Х
Dual gas inlet valve	X		X	Х
TIG gas outlet valve	X		Χ	Х
High frequency (HF) Start	X			
Pulsed DC	X			
Frequency adjustment	X			
Amplitute offset	Х			





The multi-process industrial machines









The multi-process industrial machines







Proprietary & Confidential | ESAB Welding & Cutting Products

THANK YOU!



LORENZO BALDASARRE
Product Manager Equipment Solutions
ESAB Med Region



UMUT GÜRBEYSales Engineer
ESAB Med Region

ESAB MEDITERRANEAN REGION

