



**INDUSTRIAL STICK AND TIG  
PERFORMANCE FOR ALL.**

**FABRICATOR**

Get superior value while maximizing your output and energy savings with a reliable, efficient inverter.

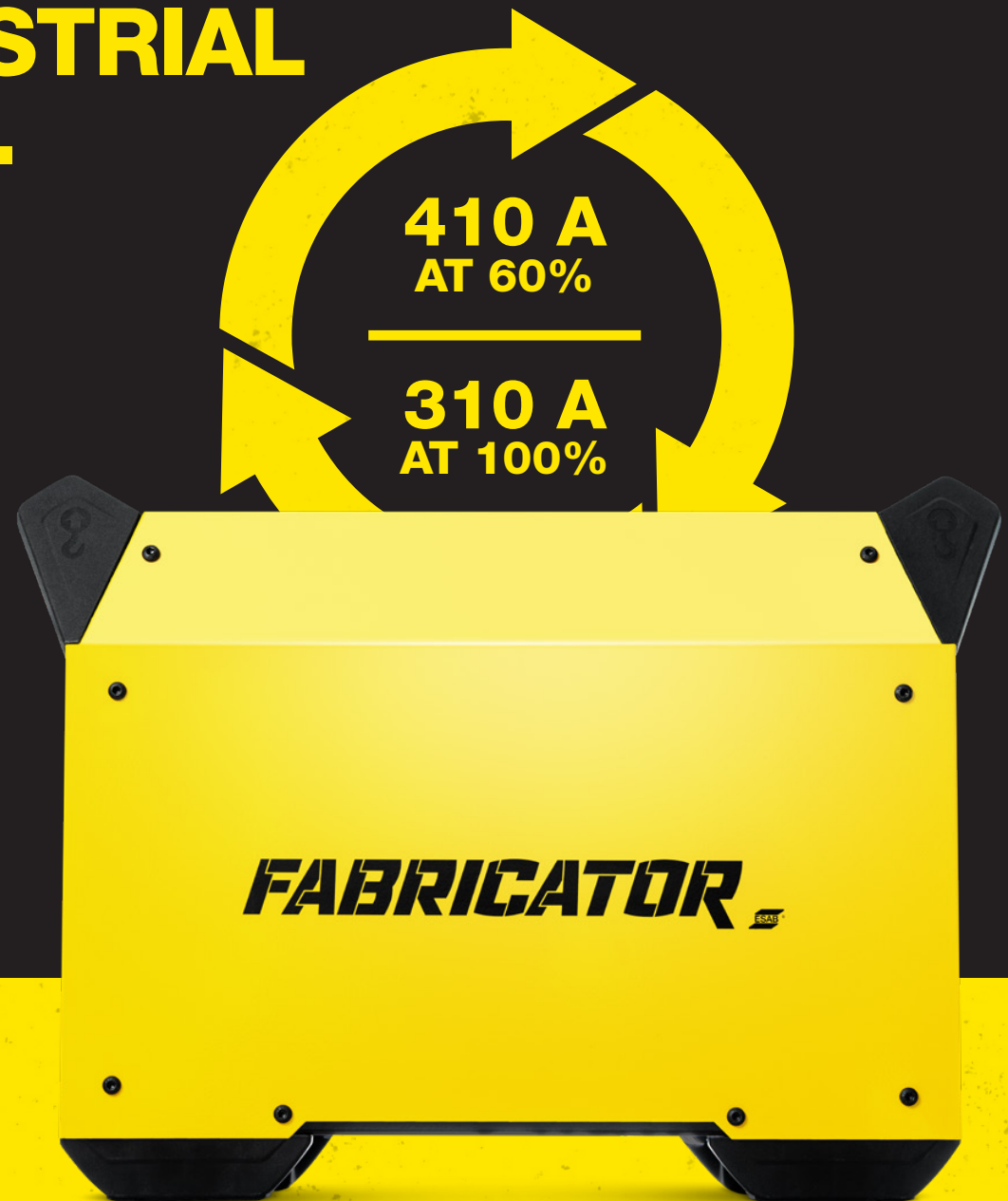
AS A WELDING OPERATOR, YOUR WORK CAN BE UNPREDICTABLE. BUT YOU CANNOT AFFORD TO TOLERATE UNPREDICTABILITY WHEN IT COMES TO YOUR WELDING FLEET. AT ESAB, WE HAVE BEEN WORKING HARD TO CREATE A RELIABLE AND USER-FRIENDLY WELDING MACHINE THAT SAVES OUR CUSTOMERS TIME AND MONEY. THAT'S FABRICATOR: **THE POWERFUL, EFFICIENT, AND AFFORDABLE INDUSTRIAL WELDING EQUIPMENT DESIGNED FOR EASE OF USE AND VERSATILITY.**



# RELIABLE INDUSTRIAL PERFORMANCE.

Fabricator's inverter-based technology allows for better power efficiency, easier operation, and better overall utility for heavy-industrial welding applications.

- Welding output up to 410 A at 60% duty cycle and 310 A at 100% duty cycle, and 3ph 380–440 V input voltage
- Optional Cool 2 cooling unit for ET 410iP high-amperage TIG welding available
- Proven industrial-grade IP23S housing for indoor and outdoor use
- Easy-to-open side panel for preventative maintenance



**MORE  
ENERGY  
SAVINGS**



# IMPRESSIVE ENERGY EFFICIENCY.

With 89% stick and 86% TIG energy efficiency and low idle power consumption, Fabricator is built with inverter-based technology to provide more energy savings by consuming less power – ultimately saving you more in energy costs per year.

Fabricator complies with new CE eco-design regulations for eco-friendly welding equipment, helping you save on energy costs with a power source efficiency greater than 85% and 40 W idle power consumption.



**STICK POWER  
EFFICIENCY**



**TIG POWER  
EFFICIENCY**



# EASY TO USE AND ADJUST.

Achieve the best weld quality quicker and easier with Fabricator's advanced welding capabilities and simple controls.

- Hot start and arc force to set amperage quickly and easily for optimal welding results with any electrode size and type (for ES 410iC)
- Visual weld process diagram for easy setting of all parameters at every step of the weld (for ET 410iP)



# DESIGNED FOR STABLE MOBILITY.

Safely move Fabricator anywhere in your shop.

- Easier to move manually or by crane with strong handles at both ends
- Strong, crane-safe lifting handles – no special accessories needed
- Compatible with Cool 2 and Trolley 3-in-1 for the water-cooled ET 410iP



# SUPERIOR OVERALL VALUE.

Fabricator brings you all the added benefits of inverter technology, but with a lower cost of operation when compared to conventional transformer welding machines.



# PURE STICK POWER.

Get best-in-class stick performance with electrodes of any size (2–6 mm) – including cellulose electrodes – with Fabricator’s stick inverter made for heavy-industrial stick and TIG (LiveTIG) welding and CC Air Carbon Arc Gouging.

- Streamlined LED control panel for easy-to-optimize settings
  - Anti-stick prevents electrode from sticking to the weld puddle
  - Arc force stabilizes the arc to ensure optimal weld quality
  - Hot start increases the ease of starting electrodes
  - VRD lowers open-circuit voltage (OCV) to prevent electric sparking in damp or dangerous environments
  - Gouging removes metal for cutting, beveling, or weld defect repairs

STICK SPECIFICATIONS	
Mains Voltage	380–400 V / 415–440 V, VAC (-15% +10%), 3ph, 50/60 Hz
Fuse Slow	32 A
Welding Output	410 A at 60% duty cycle, at 40°C 310 A at 100% duty cycle, at 40°C
Setting Range, MMA/TIG	30–410 A / 10–410 A
Efficiency Max Current	89% MMA and 86% TIG
Idle Power Consumption	40 W (VRD OFF), 15 W (VRD ON)
Maximum Open Circuit Voltage (Max. with VRD ON)	76 VDC (15 VDC)
Enclosure Class	IP21S (410iC, CCC) IP23S (410iC, CE and 410iC, Non-CE)
Operating Temperature	-10°C to +40°C (+14°F to +104°F)
Certification Mark (Standards)	CE/CCC
Dimensions (L x W x H)	525 x 280 x 475 mm
Weight	35.2 kg

ORDERING INFORMATION	
<b>Power Source</b>	
Fabricator ES 410iC, Non-CE	0447100880
Fabricator ES 410iC, CE	0447100881
Fabricator ES 410iC, CCC	0447100882

OPTIONS & ACCESSORIES	
SR-B 26 V-HD Torch, Air, OKC 50, 4 m	0700025530
SR-B 26 V-HD Torch, Air, OKC 50, 8 m	0700025531
MMA 4 Analogue Remote Control (with 10 m Cable and 8-Pin Connector)	0700500084
MMA Kit, Ready-to-Weld (with 5 m and 3 m Welding Cables, 50 mm <sup>2</sup> )	0700300910

# TOP-OF-THE-LINE TIG PERFORMANCE.

Advanced TIG welding capabilities are made easier with Fabricator's TIG inverter. Ideal for HF TIG pulse and stick welding, it's designed to be durable enough for your most demanding jobs.

- Streamlined LED control panel for easy-to-optimize settings
  - High frequency allows for easy arc starts
  - Start pulse (micropulse) improves arc stability from the start
  - Spot mode made for easy tack welding
  - 4TS allows for manual pulsing when needed
  - Built for any application with pulse from 0.5 to 250 Hz

Customize Fabricator with accessories for any application.

- Electrode holders or TIG torches created to meet a variety of needs
- Adapter for ESAB Cool 2 and Trolley 3-in-1 available for water-cooled TIG systems

TIG SPECIFICATIONS	
Mains Voltage	380–400 V / 415–440 V, VAC, 3 Phases, 50/60 Hz
Fuse Slow	32 A
Welding Output	410 A at 60% duty cycle, at 40°C 310 A at 100% duty cycle, at 40°C
Setting Range, MMA/TIG	30–410 A / 5–410 A
Pulse Background Current Settings Range	10% to 90% of set current
Pulse Frequency	0.5–250 Hz
Efficiency Max Current	89% MMA and 86% TIG
Idle Power Consumption	40 W (VRD OFF), 15 W (VRD ON)
Maximum Open Circuit Voltage (Max. with VRD ON)	76 VDC (15 VDC)
Enclosure Class	IP23S
Operating Temperature	-10°C to +40°C (+14°F to +104°F)
Certification Mark (Standards)	CE/CCC
Dimensions (L x W x H)	525 x 280 x 475 mm
ORDERING INFORMATION	
Fabricator ET 410iP, Non-CE	0447101880
Fabricator ET 410iP, CE	0447101881
Fabricator ET 410iP, CCC	0447101882
OPTIONS & ACCESSORIES	
SR-B 26 HD Torch, Air, OKC 50, 4 m	0700025526
SR-B 26 HD Torch, Air, OKC 50, 8 m	0700025527
MMA 4 Analogue Remote Control Incl. 10 m Cable and 8-Pin Connector	0700500084
MMA Kit (Ready-to-Weld) 5 m + 3 m Welding Cables, 50 mm <sup>2</sup>	0700300910
Water Cooler Adapter for Cool 2 Cooler	0447248001
Cool 2 Water Cooler	0465427880
Coolant 10 l	0465720002
Trolley 3-in-1 for Water-Cooled System with Cool 2 and Adapter	0349313450
SR-B 18 Torch, Water, OKC 50, 4 m	0700025550
SR-B 18 Torch, Water, OKC 50, 8 m	0700025551
SR-B 21 Torch, Water, OKC 50, 4 m	0700025544
SR-B 21 Torch, Water, OKC 50, 8 m	0700025545
SR-B 21-R Torch, Water, OKC 50, 8 m	0700025894
SR-B 21-R Torch, Water, OKC 50, 12 m	0700025895
TIG Foot Control, 4.6 m cable and 8-pin connector	W4014450



# FABRICATOR

Choose Fabricator: the more reliable and efficient industrial welding solution. Contact your ESAB distributor to order a Fabricator package today, and visit [esab.com/fabricator](https://www.esab.com/fabricator) to learn more.