

# Fabricator ES 410iC

## Heavy-Duty industrial inverter welder



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### Industry

- Pipe Workshops
- Industrial and General Fabrication
- Civil Construction
- Pressure Vessels
- Ship and Offshore Yards

Fabricator ES 410iC is a heavy-duty inverter-controlled power source for MMA (Stick) welding, TIG (live-TIG) welding and CC Carbon-Air Arc Gouging.

The Fabricator ES 410iC is built to withstand rugged use making it a perfect solution for industrial usage. Ideal for heavy industries using all types of electrodes, including Cellulosic.

- The intuitive control panel of the ES 410iC makes it easy to optimize settings, reducing the time taken for achieving the best weld characteristics
- Equipped with Hot Start and Arc Force with the possibility to adjust parameters during welding. Hot Start helps to avoid starting problems while Arc Force sets the intensity of the arc for improved weld quality
- Built-in Anti-Stick function to prevent the electrode from getting accidentally stuck in the puddle
- Wide mains voltage tolerance allows for stable welding
- Inverter controlled for high efficiency and low power consumption
- Excellent welding performance with all types of electrodes including Cellulosic

Visit [esab.com](http://esab.com) for more information.



Easy to use intuitive control panel

# Fabricator ES 410iC

| Specifications                                  |   |
|---|---|
| Mains Voltage (Welding Input)                   | 380-400-415-440 VAC (-15% +10%), 3 Ph,50/60 Hz                        |
| Fuse Slow                                       | 32 A  |
| Welding Output                                  | 400 A at 60% Duty Cycle, at 40°C<br>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 (15VDC)  |
| Enclosure class                                 | IP23S   |
| Operating Temperature                           | -10 to +40 °C (+14 to +104 °F)  |
| Certification Mark (Standards)                  | CE / CCC  |
| Dimensions LxWxH                                | 525 × 280 × 475 mm  |
| Weight  | 35.2 kg   |

| Ordering Information        |            |
|-----------------------------|------------|
| Fabricator ES 410iC, Non-CE | 0447100880 |
| Fabricator ES 410iC, CE     | 0447100881 |
| Fabricator ES 410iC, CCC    | 0447100882 |

| Options & Accessories   |            |
|---|------------|
| SR-B 26V-HD Torch, Air, OKC 50, 4 m                                 | 0700025530 |
| SR-B 26V-HD Torch, Air, OKC 50, 8 m                                 | 0700025531 |
| 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, 50mm <sup>2</sup> | 0700300910 |



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