

# Fabricator ET 410iP

Heavy-Duty HF TIG pulse industrial inverter welder



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## Industry

- Pipe Workshops
- Pipelines
- Pressure Vessels
- Oil&Gas
- General Steel Fabrication
- Shipyards

Fabricator ET 410iP is a heavy-duty inverter-controlled power source for HF TIG Pulse welding and MMA (Stick) welding.

The Fabricator ET 410iP is built to withstand rugged use, making it a perfect solution for industrial usage. Ideal for heavy industries.

- The intuitive control panel of the ET 410iP makes it easy to optimize settings, reducing the time taken for achieving the best weld characteristics
- Equipped with High Frequency for easy arc starts and Start Pulse (micropulse) which preheats the Tungsten electrode for improved arc stability from the start.
- Pulse background current between 10% and 90% of the set current and pulsing frequency from 0.5 to 250Hz, for optimal pulse in each application.
- Spot mode for easy tack welding and 4TS to be able to pulse only when it's necessary
- Wide mains voltage tolerance allows for stable welding
- Inverter controlled for high efficiency and low power consumption
- Excellent welding performance with Stick electrodes

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



Easy to use intuitive control panel

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Specifications	
Mains Voltage (Welding Input)	380-400-415-440 VAC (-15% +10%), 3 Ph,50/60 Hz
Fuse Slow	32 A
Welding Output	410 A / V at 60% Duty Cycle, at 40°C 310 A / V 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 – 250Hz
Efficiency Max Current	89% MMA and 86% TIG
Idle power consumption	40W (VRD OFF)15W (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 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, 50mm <sup>2</sup>	0700300910
Water cooler adapter for COOL 2 cooler	0447248001
COOL 2 water cooler	0465427880
Coolant 10l.	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



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