Fabricator EM 500i

Rugged & reliable welding machine



Fabricator EM 500i

Fabricator are heavy duty inverter controlled power sources for MIG/MAG and MMA (Stick) welding. Built to withstand rugged use which makes it a perfect solution for industrial usage. Ideal for heavy industries using solid and flux-cored wires together with Fabricator Feed.

- Lower cost of operation. Delivers all the added benefits of an inverter technology at a similar price as a conventional transformer machine
- Energy savings with high efficiency, high power factor and low idle power
- Optimized welding performance in MIG/MAG using both Mix or CO_2 shielding gas
- Variable inductance control for better arc performance
- Secondary end parameter setting to get perfect welding finish with crater fill activated in the 4T or 4T Repeat mode
- Wide voltage tolerance for stable welding output
- Durable, IP23S rating for outdoor and indoor use in rough environment
- Light-weight for improved mobility and designed with crane safe lifting handles
- Application class S for operating in conditions with high electrical hazards
- Wide operational input voltage, can operate from 342 to 484 V

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Industry

- Structural Steel Fabrication
- Steel Erectors
- Industrial and General Fabrication
- Agricultural Equipment
- Repair and Maintenance
- Ship/Barge Building



Fabricator Feed 364



Feed 364

Fabricator EM 500i

Specifications	
Mains Voltage	342–484 V, 3ph, 50/60 Hz
Welding Output, MIG/MAG	500 A @ 60% 390 A @ 100%
Welding Output, MMA	500 A @ 60% 390 A @ 100%
Setting Range, MIG/MAG	30 A / 15.5 V – 500 A / 39 V
Setting Range, MMA	30 A / 21.2 V – 500 A / 40 V
Efficiency at Max Current	87%
Power Factor Max Current	0.93
Energy Save Mode	35 W
Mains Cable Ø mm^2	4 x 6
Wire Feed Speed	2.2 – 20.0 m/min
Wire Spool Capacity	18 kg
Max Spool Diameter	300 mm
Wire Dimensions Mild Steel Stainless Steel Cored Wire	 1.0 – 1.6 mm 1.0 – 1.6 mm 1.0 – 1.6 mm
Operating Temperature	-10 to +40 °C
Dimensions L x W x H	712 x 325 x 470 mm
Weight	62 kg
Enclosure Class	IP23S
Application Class	S
Insulation Class	H
Certification Mark	CCC

Ordering Information	
Fabricator EM 500i	0700020002
Fabricator Feed 364 (Enclosed) *	0700020004
Feed 364 (Open) *	0700020003

** Feeder supplied as standard with feed rollers and guides for wires Ø1.2/1.6 mm Solid and Ø1.2 /1.6 mm Flux Cored.*

Options & Accessories	
Interconnection Cables – 50 mm^2, Gas-Cooled, 5.0 m	0349305138
Interconnection Cables – 50 mm^2, Gas-Cooled, 10.0 m	0349305357
Interconnection Cables – 50 mm^2, Gas-Cooled, 15.0 m	0349305355
Interconnection Cables – 50 mm^2, Gas-Cooled, 25.0 m	0349305356
Interconnection Cables – 70 mm^2, Gas-Cooled, 5.0 m	0349490624
Interconnection Cables – 70 mm^2, Gas-Cooled, 10.0 m	0349490608
Interconnection Cables – 70 mm^2, Gas-Cooled, 15.0 m	0349490607
Interconnection Cables – 70 mm^2, Gas-Cooled, 25.0 m	0349490606

Interconnection Cables include Control cable, Welding cable, Gas hoses and Protection Sleeve.

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Options & Accessories	
Exeor PSF 315, with Euro Connection, 3 m	0700026401
Exeor PSF 315, with Euro Connection, 4 m	0700026402
Exeor PSF 415, with Euro Connection, 3 m	0700026406
Exeor PSF 415, with Euro Connection, 4 m	0700026407
Exeor PSF 415, with Euro Connection, 5 m	0700026408
Exeor PSF 515, with Euro Connection, 3 m	0700026411
Exeor PSF 515, with Euro Connection, 4 m	0700026412
Exeor PSF 515, with Euro Connection, 5 m	0700026413
Wheel Kit, power source	0465416880
Trolley - 4-wheel, 1-cylinder	0349313450

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