



## FABRICATOR EM 500i

Rugged and Reliable Power Source



Fabricator EM 500i is a 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 wire-feeder.

- Wide Input voltage sustenance for stable welding output.
- Variable inductance control for better arc performance.
- Energy savings with high power factor, high efficiency and low idle power.
- IP 23 class for outdoor use.
- Insulation Class H for continuous heavy duty usage
- 4 Roll Drive Wire-feeder-smooth and stable wire-feeding.

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

### Industry

- General Fabrication
- Construction
- Shipbuilding
- Railways



Fabricator EM 500i Feed 364

Specification	
Mains Supply, V/ Ph, HZ	380-440( ± 10%)/3, , 50/60
Permitted Load at 60% Duty Cycle (MIG/MMA), A	500
Permitted Load at 100% Duty Cycle (MIG/MMA), A	390
Current Range (MIG/ MMA), A	30-500
Voltage Range (MIG), V	15.5-39
Efficiency at Max Current, %	87
Power Factor Max Current	0.93
No Load Power, W	< 50
Dimensions L x W x H, mm	710 × 325 × 470
Weight, Kg	62
Enclosure Class	IP23S
Application Class	S
Insulation Class	H
<b>Wire- Feeder</b>	<b>Feed 364</b>
Wire-Feed Drive	4 Roll
Wire Feed Speed, m/min	2.0-20.0
Wire Spool Capacity, kg	18
Max Spool Diameter, mm	300
Wire Dimensions, mm MS/ SS/ AL	1.0 -1.6
Cored Wire	0.8 -1.6

Ordering Information	
Description	Part number
Fabricator EM 500i	0700020002
Fabricator EM 500i Feed 364	0700020003
Cable set 5m, 7pin, 70mm <sup>2</sup> - Feed 364	0349490624
Cable set 10m, 7pin, 70mm <sup>2</sup> - Feed 364	0349490608
PSF 515, 5m	0700025052
DURA CO2	4330180500
CO2 Heater + Core 110V (ALD)	0651689045
Savage A40 9-13 Yellow	0700000481
Welding Hand Gloves (5 pair)	2001005011
Welding Apron (Large)	2001007001
Welding Sleeve	2001007002
Welding Leg Guard	2001007003

Note : Fabricator EM 500i is delivered with 4.5 mains cable, 5m return cable with earth clamp.



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