

MIG 401i / 501i

Powerful Inverter MIG



MIG 401i / 501i

Powerful & User friendly

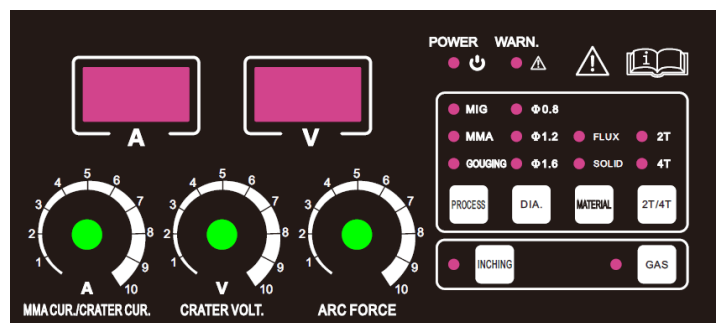
MIG 401i & 501i are power packed IGBT based inverter welding power sources with user friendly control panels. The heavy duty design is best suited for continuous welding in medium and heavy fabrication applications. The simplified control panel is designed for the comfort of less skilled welders.

- Excellent duty cycle for Heavy Fabrication
- Wide Input Voltage tolerance
- Energy savings with high power factor & efficiency
- Protection against Over-Temperature, Under-Voltage, Over-Voltage and Single-phasing
- Digital Display - Voltmeter and Ammeter
- User Friendly Controls - Adjustable Crater Current and Crater Voltage.

Visit **esab.com** for more information.

Industry or Process

- General & Heavy Fabrication
- Railways
- Mobile Machinery
- Construction



Control Panel



MIG 401i / 501i

| Specifications | | |
|--|---------------------|-----------|
| | MIG 401i | MIG 501i |
| Mains Supply, V / Ph,Hz | 415 V ± 15% / 3, 50 | |
| Rated Input Power, KVA | 19 | 26.5 |
| No Load Voltage, V | 70 | 70 |
| Current Range Mig, A | 40 - 440 | 50 - 550 |
| Permissible load at 60% Duty Cycle MIG, A | 400 | 500 |
| Permissible load at 100% Duty Cycle MIG, A | 313 | 387 |
| Power factor at maximum current | ≥ 0.9 | |
| Efficiency at maximum current | ≥ 89% | |
| Insulation class | H | |
| Enclosure class | IP 21S | |
| Operating temperature, degree C | -10 to 40 | |
| Power Source Cooling | Forced Air | |
| Dimension (LXWXH), mm | 687 x 320 x 581 | |
| Weight, Kg | 45 | 50 |
| Standards of conformity | IEC60974-1 | |
| Wire Feeder | | |
| Wire Feed Speed, m/min | 1.5 - 20 | |
| Wire Dia MS/SS / (Al/FC), mm | 0.8 - 1.2 | 0.8 - 1.6 |
| Dimensions, l x w x h, mm | 460 x 200 x 280 | |
| Weight, Kg | 9.5 | |

| Ordering Information | |
|----------------------|-------------|
| Description | Part Number |
| MIG 401i RTW Package | 4650800427 |
| MIG 501i RTW Package | 4650800428 |

MIG 401i & MIG 501i RTW Package is delivered with Wire-feeder with 5m inter-connection cable, PSF 415 3m Torch (MIG 401i) , PSF 515 3m Torch (MIG 501i) ,ICO 32B Regulator, CO2 Pre-Heater



ESAB / esab.com

