

MIG 502i

Powerful Industrial MIG Welder



MIG 502i



Standard Wire Feeder



Enclosed Wire Feeder

Compact & User friendly

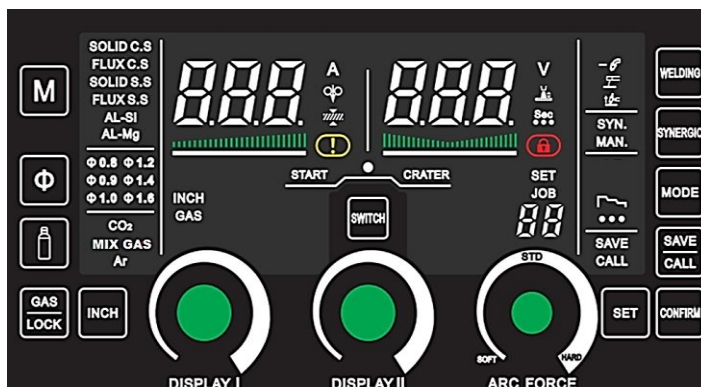
MIG 502i is based on inverter IGBT technology that provides reliable equipment with outstanding welding characteristics and easy arc control. The pre-defined parameters with fine adjustment of voltage enables effortless welding making parameter setting extremely easy and user friendly. The 4-Roll drive wire feeder system ensures smooth and consistent wire feeding enabling high speed welding with both options of open style and enclosed wire-feeders.

- Excellent duty cycle for Heavy Fabrication
- Wide Input Voltage tolerance
- Energy savings with high power factor & efficiency
- Program Memory - 16 sets of welding parameters
- User Friendly Controls – Digital Interface for selection of materials, wires and gas for MIG welding

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

Industry or Process

- Structural Steel fabrication
- Ship and Offshore Yards
- Civil Construction
- Heavy Fabrication



Control Panel

MIG 502i

Specifications

Power Source	MIG 502i
Mains Voltage, V/Ph, Hz	415 (+15%/-20%) / 3, 50/60
Rated Input Power, KVA	25
No Load Voltage, V	81
Output Current Range MIG / MMA / TIG, A	MIG & MMA 50 - 500; TIG 20 – 500
Output Voltage Range MIG / MMA / TIG, V	16.5 - 39.0; 22.0 - 40.0; 10.8 - 30.0
Permissible load at 100% Duty Cycle MIG / MMA, A	500
Maximum Input power at idle mode, W	< 30
Power factor at maximum current	0.937
Efficiency at maximum current, %	88.5
Insulation class	H
Enclosure class	IP21S
Dimension (LxWxH), mm	615x219.5x510
Weight, Kg	31.5
Standards of Conformity	IEC 60974-1
Wire Feeder	
Wire Feed Drive	4 Roll
Wire Feeder Speed, m/min	1.5 – 20.0
Torch Connection	Euro
Wire Dimensions, mm (MS/SS/AL/FCW)	0.8 - 1.6
Weight, Kg	10

Ordering Information

Description	Part Number
MIG 502i (PS+5M WF)	4650800434
MIG 502i (PS+10M WF)	4650800435
MIG 502i (PS+15M WF)	4650800436
MIG 502i (PS+5M EWF)	4650800462
MIG 502i (PS+10M EWF)	4650800463
MIG 502i (PS+15M EWF)	4650800464

EWF - Enclosed Wire Feeder

Power source packages are delivered with Wire-feeder and inter-connection cable(5m/10m/15m), 3m Earth cable with clamp.



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