

# Arc 250i

## Heavy Duty Single Phase MMA Inverter



*Arc 250i*

### Heavy Duty Inverter

Arc 250i is a single phase Inverter Welding machine designed for heavy duty applications and is designed for continuous welding with 4.0mm welding electrodes

- Designed for MMA electrodes upto 4.0mm size - MSGP, LH, Stainless steel and Cellulosic.
- Wide mains voltage tolerance - 230V +/-15%.
- Full load current delivered with 60% duty cycle.
- Adjustable Arc force for Superior Arc control.
- Digital Display for set current reference.

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



### Industry

- Light fabrication
- Furniture & decorative products
- Plant Maintenance & Repair.
- Civil Construction

## Specifications / Technical data

<b>Arc 250i</b>	
Mains Supply, V/Ph, Hz	230 ± 15% / 1, 50
Input power (max) at 100% duty cycle, KVA	6
Output current range, A	30 – 250
Maximum load at 60% duty cycle, A	250
Maximum load at 100% duty cycle, A	194
Open circuit voltage, V	80
Efficiency	88
Enclosure class	IP 21S
Insulation class	H
Cooling	Forced Air
Dimensions, l x w x h, mm (with handle)	435 x 170 x 275
Weight, Kg	10.7
Recommended dia of Electrode for welding , mm	upto 4.0, occasionally 5.0
Standards of conformity	EN 60974-1

## Ordering Information

Description	Part number	Description	Part number
Arc 250i	4610210250	Eco Arc Helmet (83x108 mm)	0700000941
HFR Weld Cable Cu 35sq mm	4600600181	Eco Arc II Helmet (90x110mm)	0700000762
HFR Weld Cable Cu 50sq mm	4600600182	Hand Shield Armour (83x108mm)	2001001004
Holder Confort 600	2002001002	Welding Hand Gloves L	2001005001
Holder Handicool HC 600	2002001001	Welding Hand Gloves XL	2001005004
ESAB Safety Shoe, Size 8	2001006004	Welding Apron, medium	2001007005

Note: Arc 250i is delivered with 3m welding cable with electrode holder & 3m return cable with earthing clamp.

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COMPANY WITH  
MANAGEMENT SYSTEM  
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