

Arc 250i

Heavy Duty Single Phase MMA Inverter



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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 for more information.



Industry

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

Specifications / Technical data

| Arc 250i | |
|---|----------------------------|
| 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
CERTIFIED BY DNV
= ISO 9001 =
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= OHSAS 18001 =