

HandyArc 1/8

Portable and Easy to Use



HandyArc 1/8 Stick Welder

Industry

- Hobbyist
- Repair and Maintenance
- Training Schools

The new HandyArc 1/8 Stick (SMAW) welder introduces a new concept of portable machines with advanced ESAB inverter technology, ideal for users who work on basic projects or need to perform small repairs.

A simple, yet intuitive front panel with graphics scaled for input voltage and electrode diameter makes HandyArc 1/8 easy to learn and use for beginners.

Durable housing design ensures robustness, and the compact dimensions combined with low weight and included shoulder strap provides superior portability in workshop.

- High efficiency inverter requires less energy
- Simple and easy to use welder
- Outstanding welding performance with great arc starts, can also weld 6013 type electrodes
- Quality welding accessories included
- Cost effective solution with uncompromising ESAB reliability

Visit esab.com for more information.



HandyArc 1/8

Specifications			
Model	HandyArc 1/8		
Mains Voltage	120/240 VAC \pm 10%, 1 Φ , 50/60 Hz		
Fuse Slow	15 A		
Rated kVA	4.5 kVA (120 VAC) 8.0 kVA (240 VAC)		
Welding Output SMAW	<table border="1"> <tr> <td>120 VAC: 70 A / 22.8 V at 20% 41 A / 21.7 V at 60% 32 A / 21.3 V at 100%</td> <td>240 VAC: 160 A / 26.4 V at 15% 80 A / 23.2 V at 60% 62 A / 22.5 V at 100%</td> </tr> </table>	120 VAC: 70 A / 22.8 V at 20% 41 A / 21.7 V at 60% 32 A / 21.3 V at 100%	240 VAC: 160 A / 26.4 V at 15% 80 A / 23.2 V at 60% 62 A / 22.5 V at 100%
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Setting Range SMAW	15 - 70 A (120 VAC), 15 - 160 A (240 VAC)		
Efficiency at maximum current	83 %		
Open Circuit VDC High	80.5 VDC (120 V), 80.5 VDC (240 V)		
Enclosure Class	IP21S		
Operating Temperature	-10 to +40 °C (+14 to +104 °F)		
Supply plug	NEMA 6-50P, NEMA 5-15P adaptor		
Dimensions	114 x 262 x 180 mm (4.5 x 10.3 x 7.1 in)		
Weight	2.9 kg (6.3 lbs)		

Ordering Information	
HandyArc 1/8 Stick Welder	0700734012

Includes: Handyarc 1/8 stick welder power source, shoulder strap, 1 m (3.3 ft) 16mm² Work clamp leadset with OKC 25 connection, 1.5 m (5 ft) 16mm² Electrode holder leadset with OKC 25 connection, 230V to 120V power adaptor.

Options and accessories	
Power Adapter, 230 V to 120 V, 15 A (0.6 m (2 ft), N6-50R to N5-15P)	W401400
Shoulder strap	0700500086
Electrode holder, HandyArc 1/8, 16mm ² , 1.5 m (5 ft)	0700006017
Ground clamp, HandyArc 1/8, 16mm ² , 1 m (3.3 ft)	0700006018



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