Warrior™ 750i CC/CV

Powerful multi-process welding machine



The reliable multi-process welding equipment designed for heavy duty productivity now with an output of up to 850 amps.

- **True multi-process package** – enables gouging 16 mm electrodes with outstanding performance
- **High-Duty Cycle** - for long runs across a variety of applications and delivers 820 amps @ 60% duty cycle and 750 amps @ 100%
- **Inverter Technology** – Warrior brings the outstanding arc performance and energy savings you expect from an inverter, along with increased energy efficiency and more power
- **Durable and rugged** – suitable for outdoor and indoor use in rough environments. Warrior 750i paired with Robust Feed PRO, with its robust and weatherproof enclosed design provide the ideal solution whenever portability and durability are key
- **Easy-to-use** – clear and intuitive user interface for everyone to get started quickly. Glove-friendly knobs make adjustments quick and easy
- Wide input voltage range to support regional requirements

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

Industry

- Hard Surfacing and Cladding
- Civil Construction
- Energy
- Heavy Fabrication
- Repair and Maintenance
- Ship/Barge Building

OPTIMIZED FOR ARCAIR
AN ESAB BRAND

Warrior 750i CC/CV

Specifications	
Primary Voltage	380 - 460V ±10%, 3ph, 50/60 Hz
Fuse Slow	63A at 400V (80A at 380V)
Welding Output Arc Gouging (CAC-A)	850A / 44V at 35% Duty Cycle 820A / 44V at 60% Duty Cycle 750A / 44V at 100% Duty Cycle
Welding Output GMAW (MIG/MAG)	820A / 44V at 60% Duty Cycle 750A / 44V at 100% Duty Cycle
Welding Output SMAW (Stick)	820A/ 44V at 60% Duty Cycle 750A/ 44V at 100% Duty Cycle
Welding Output GTAW (TIG)	820A / 34V at 60% Duty Cycle 750A / 34V at 100% Duty Cycle
Setting Range SMAW (Stick)	15 – 820A
Setting Range GTAW (TIG)	8 – 820A
Efficiency at Max Current	91 %
Power Factor Max Current	0.91
Energy Save Mode	31 W
Open Circuit Voltage	89V
Mains Cable	4 x 16 Ø mm^2
Operating Temperature	-20 to +40 °C (+55 °C with derating)
Dimensions LxWxH	850 x 415 x 637 mm
Weight	103 kg
Enclosure class	IP23
Application Class	S
Insulation Class	H
Certification Mark	CE
Cool2 Standalone (Optional)	
Supply Voltage	40 VAC 50/60 Hz
Cooling Power	1 kW
Coolant Volume	4.5 l
Max Flow	1.8 l/min
Max Pressure	4.6 bar
Dimensions LxWxH	680 x 330 x 230 mm
Weight	15.5 kg
Weight w/ coolant	20 kg

For specifications on compatible wire feeders please see separate fact sheets or instruction manuals.

Warrior 750i CC/CV

Ordering Information	
Warrior 750i CC/CV	0445555880

Delivery includes: Power source, 5 m return cable with earth clamp, 5 m mains cable with 63A plug (5P), Instruction manual, Quick start guide, Safety instruction manual.

Options & Accessories	
Cool2 Cooling Unit	0465427881
Coolant 3 gal (10l)	0465720002
Trolley 4-wheel Air-cooled	0446398880
Trolley 4-wheel Water-cooled	0446270880
OKC Adapter Cable	0446507880
Remote control AT1	0459491896
Remote control AT1 CoarseFine	0459491897
Remote Cable AN 8-12 Pole 5 m AT1/AT1 CF	0459552880
Remote Cable AN 8-12 Pole 10 m AT1/AT1 CF	0459552881
Remote Cable AN 8-12 Pole 15 m AT1/AT1 CF	0459552882
Remote Cable AN 8-12 Pole 25 m AT1/AT1 CF	0459552883
Foot Pedal FS002	0349090886
Gouging Accessories	
Arcair® K4000 Air Carbon-Arc Gouging Torch & Cable, Heavy Duty, (1000A, up to 13 mm round- and 16 mm flat electrodes)	61082008
Arcair® K-5 Air Carbon-Arc Gouging Torch & Cable, Heavy Duty, (1250A, up to 16 mm jointed and half round electrodes)	61104007
Wire Feeders	
RobustFeed Pro, Water	0445800881
RobustFeed Pro Offshore, Water (incl. gas flow meter+heater)	0445800883
Warrior Feed 304w Water-Cooled	0465250881

For complete list of wire feeder accessories and interconnection cables please see separate fact sheets or instruction manuals.

Torches			
	3 m	**4 m**	**5 m**
Exeor PSF 415, with Euro Connection	0700026406	0700026407	0700026408
Exeor PSF 515, with Euro Connection	0700026411	0700026412	0700026413
Exeor PSF 420W, with Euro Connection	0700026415	0700026416	0700026417
Exeor PSF 520W, with Euro Connection*	0700026425	0700026426	0700026427

** With dual-circiut cooling system for less heat, better wire feedability and fewer production stops to change wear parts.*

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GLOBALLY CERTIFIED MANAGEMENT SYSTEMS

XA00208520 / GL / EN / 07-03-25 / Note: Specifications subject to change without notice. Products may vary from those pictured.