

Warrior™ CC/CV

Powerful multi-process welding machines



The reliable multi-process welding equipment designed for heavy duty productivity with up to 500 amps delivered.

- **Inverter Technology** – Warrior brings the outstanding arc performance and energy savings you expect from an inverter. Along with increased energy efficiency and more power from a lighter, smaller, and more portable unit, Warrior provides the simple functionality welders want at a competitive price.
- **High-Duty Cycle** - For long runs across a variety of applications and delivers 400 A or 500 A at 60% Duty Cycle.
- **Durable and rugged** – IP23 rating for outdoor and indoor use in rough environment.
- **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

- Civil Construction
- Energy
- Industrial and General Fabrication
- Pipeline
- Repair and Maintenance
- Ship/Barge Building



Specifications		
Model	400i CC/CV	500i CC/CV
Mains Voltage	380 - 415 V, 3ph, +/- 10%	
Supply Frequency	50/60 Hz	
Fuse Slow	25 A	32 A
Permissible Load at 60% Duty Cycle MIG/MAG	400 A / 34 V	500 A / 39 V
Permissible Load at 100% Duty Cycle MIG/MAG	300 A / 29 V	400 A / 26 V
Permissible Load at 60% Duty Cycle MMA	400 V / 36 V	500 A / 40 V
Permissible Load at 100% Duty Cycle MMA	300 A / 32 V	400 A / 36 V
Permissible Load at 60% Duty Cycle TIG	400 A / 26 V	500 A / 30 V
Permissible Load at 100% Duty Cycle TIG	300 A / 22 V	400 A / 26 V
Setting Range MIG/MAG	16 – 400 A	16 – 500 A
Setting Range MMA	16 – 400 A	16 – 500 A
Setting Range TIG	5 – 400 A	5 – 500 A
Efficiency at Max Current	88 %	89 %
Power Factor Max Current	0.91	
Energy Save Mode	30 W	
Open Circuit Voltage	56 VDC	
Open Circuit Voltage VRD Activated	28 VDC	
Mains Cable Ø mm ²	4 x 6	
Operating Temperature	+10 to -40 °C	
Dimensions LxWxH	712 x 325 x 470 mm	
Dimensions w/ Cooling Unit LxWxH	712 x 325 x 700 mm	
Weight	59 kg	
Weight w/ Cooling Unit (excl. coolant)	74 kg	
Enclosure class	IP23	
Certification Mark	CE	

For specifications on compatible wire feeders please see separate fact sheet and manual.

Specifications COOL 2 Cooling Unit (optional)	
Supply Voltage	40 VAC
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 kg
Weight w/ coolant	19.5 kg

Ordering Information

Warrior™ 400i CC/CV	0465350884
Warrior™ 500i CC/CV	0465350883

Options & Accessories

Warrior™ Feed 304	0465250880
Warrior™ Feed 304w	0465250881
MobileFeed 301 AVS	0558102207
MobileFeed 301AVS w/ Remote	0558102222
Warrior™ YardFeed 200 Gas-Cooled	0459906900
Warrior™ YardFeed 200w Liquid-Cooled	0459906901
Guide pin extension kit	0465508880
COOL 2 Cooling Unit	0465427880
Trolley 4-wheel	0465510880
Remote control AT1	0459491896
Remote control AT1 CoarseFine	0459491897
Remote control M1	0459491895
Remote outlet kit power source, 12p	0465424880
Remote outlet kit feeder, 23p	0465451880
Remote Adapter kit Miggytrac/Railtrac	0465451881
Remote cable M1- 5m	0459553880
Remote cable M1- 10m	0459553881
Remote cable M1 - 25m	0459553883
Wheel Kit, power source	0465416880
Wheel kit, Warrior™ feeder	0458707880
Stabilizer kit for Counterbalance Arm	0465509880
Counterbalance Arm *	0458705880
Multi voltage unit TUA1	0459144880
Handle incl. mounting screws for TUA1	0459307880
PSF™ 405 Torch, 3m	0458401882
PSF™ 405 Torch, 4.5m	0458401883
PSF™ 505 Torch, 3m	0458401884
PSF™ 505 Torch, 4.5m	0458401885
PSF™ 410w Torch, 3m	0458400882
PSF™ 410w Torch, 4.5m	0458400883
PSF™ 510w Torch, 3m	0458400884
PSF™ 510w Torch, 4.5m	0458400885

* Requires Bracket kit 0461310880.

Options & Accessories

MXH™ 400w PP Torch, 6 m	0700200015
MXH™ 400w PP Torch, 10 m	0700200016
MXH™ 400w PP Torch 45°, 10 m	0700200019
MXH™ 300 PP Torch, 6 m	0700200017
MXH™ 300 PP Torch, 10 m	0700200018
MXH™ 300 PP Torch 45°, 10 m	0700200020
Interconnection Cables - 70mm ² , Gas-Cooled, 2.0m	0459836880
Interconnection Cables - 70mm ² , Gas-Cooled, 5.0m	0459836881
Interconnection Cables - 70mm ² , Gas-Cooled, 10.0m	0459836882
Interconnection Cables - 70mm ² , Gas-Cooled, 15.0m	0459836883
Interconnection Cables - 70mm ² , Gas-Cooled, 25.0m	0459836884
Interconnection Cables - 70mm ² , Gas-Cooled, 25.0m	0459836885
Interconnection Cables - 70mm ² , Liquid-Cooled, 2.0m	0459836890
Interconnection Cables - 70mm ² , Liquid-Cooled, 5.0m	0459836891
Interconnection Cables - 70mm ² , Liquid-Cooled, 10.0m	0459836892
Interconnection Cables - 70mm ² , Liquid-Cooled, 15.0m	0459836893
Interconnection Cables - 70mm ² , Liquid-Cooled, 25.0m	0459836894
Interconnection Cables - 70mm ² , Liquid-Cooled, 35.0m	0459836895
Interconnection Cables - 95mm ² , Gas-Cooled, 2.0m	0459836980
Interconnection Cables - 95mm ² , Gas-Cooled, 5.0m	0459836981
Interconnection Cables - 95mm ² , Gas-Cooled, 10.0m	0459836982
Interconnection Cables - 95mm ² , Gas-Cooled, 15.0m	0459836983
Interconnection Cables - 95mm ² , Gas-Cooled, 25.0m	0459836984
Interconnection Cables - 95mm ² , Gas-Cooled, 35.0m	0459836985
Interconnection Cables - 95mm ² , Liquid-Cooled, 2.0m	0459836990
Interconnection Cables - 95mm ² , Liquid-Cooled, 5.0m	0459836991
Interconnection Cables - 95mm ² , Liquid-Cooled, 10.0m	0459836992
Interconnection Cables - 95mm ² , Liquid-Cooled, 15.0m	0459836993
Interconnection Cables - 95mm ² , Liquid-Cooled, 25.0m	0459836994
Interconnection Cables - 95mm ² , Liquid-Cooled, 35.0m	0459836995

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