

# 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.
- Warrior 400i MV provides Auto sense from 208 - 460V 3 ph

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

## Industry

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



# Warrior™ CC/CV

Specifications		
Model	400i MV CC/CV	500i CC/CV
Mains Voltage	220 - 460 V, 3ph, ± 10%	380 - 575 V, 3ph, ± 10%
Supply Frequency	50/60 Hz	50/60 Hz
Fuse Slow	25 A	32 A
Permissible Load at 60% Duty Cycle GMAW (MIG/MAG)	400 A / 34 V	500 A / 39 V
Permissible Load at 100% Duty Cycle GMAW (MIG/MAG)	300 A / 29 V	400 A / 34 V
Permissible Load at 60% Duty Cycle SMAW (Stick)	400 V / 36 V	500 A / 40 V
Permissible Load at 100% Duty Cycle SMAW (Stick)	300 A / 32 V	400 A / 36 V
Permissible Load at 60% Duty Cycle GTAW (TIG)	400 A / 26 V	500 A / 30 V
Permissible Load at 100% Duty Cycle GTAW (TIG)	300 A / 22 V	400 A / 26 V
Setting Range GMAW (MIG/MAG)	16 – 400 A	16 – 500 A
Setting Range SMAW (Stick)	16 – 400 A	16 – 500 A
Setting Range GTAW (TIG)	4 – 400 A	5 – 500 A
Efficiency at Max Current	88 %	89 %
Power Factor Max Current	0.91	0.91
Energy Save Mode	50 W	30 W
Open Circuit Voltage	56 VDC	56 VDC
Open Circuit Voltage VRD Activated	28 VDC	28 VDC
Mains Cable Ø mm2	4 x 6	4 x 6
Operating Temperature	+14 to +104 °F (-10 to +40 °C)	
Dimensions LxWxH	28.1 x 12.8 x 18.5 in. (712 x 325 x 470 mm)	
Weight	130 lbs (59 kg)	
Enclosure class	IP23	
Certification Mark	CE, CSA	

## Easy 2 Step Ready To Weld Package Selection:

**Step 1: Select Basic Package**

**Step 2: Select Interconnection Length**

Ordering Information	Power Source Only	Basic Package*
Warrior 500i CC/CV 3 ph, 460 V pre-set	0465350881	0558102697
Warrior 500i CC/CV 3 ph, 575 V pre-set	0465350887	0561000189
Warrior 400i MV CC/CV, 220-460 V, 3 ph	0465885880	0558102696
<b>Interconnection Cables</b>		
Interconnection Cables - 70mm <sup>2</sup> , Air-Cooled, 2.0m (6.5 ft), incl. strain relief		0446160880
Interconnection Cables - 70mm <sup>2</sup> , Air-Cooled, 5.0m (16.5 ft), incl. strain relief		0446160881
Interconnection Cables - 70mm <sup>2</sup> , Air-Cooled, 15.0m (49.2 ft), incl. strain relief		0446160883
Interconnection Cables - 70mm <sup>2</sup> , Air-Cooled, 25.0m (82 ft), incl. strain relief		0446160884

**\* Basic Package Includes:**

Power Source with ground lead and clamp; 0445800885 Robust Feed Pro; 10401833 Tweco SPRAYMASTER V450 MIG Gun 15 ft 1/16; 0781-3641 – Victor ESS32-50CFH-580 EDGE 2.0 Flow Gauge Regulator; 0349313450 Cart - 4 wheel, single cylinder

**NOTE: Power Sources, Basic Packages and Ready to Weld Combinations require the customer to supply input power cables. Suggested cable is 4C 8Awg input cable.**

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Ordering Information	
<b>Wire Feeders</b>	
Robust Feed Pro Offshore (incl. gas flow meter+heater) Tweco	0445800885
Warrior Feed 404HD (Tweco Connection) *	0558102235
Warrior Feed Dual 304 (Tweco Connection) *	0558101947
<b>Options &amp; Accessories</b>	
Robust Feed Wheel Kit	0446081880
Guide Pin Extension Kit **	0465508880
Robust Feed Interconnection Strain Relief Kit ***	0446050880
COOL 2 Cooling Unit	0465427880
Trolley (Robust Feed/Warrior Feed)	0349313450
Trolley Retrofit Kit Robust Feed †	0349313100
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 16.5 ft. (5 m)	0459553880
Remote cable 33 ft. (10 m)	0459553881
Remote cable 49 ft. (15 m)	0459553882
Remote cable 82 ft. (25 m)	0459553883
Wheel Kit, power source	0465416880
Stabilizer kit Warrior for Counterbalance Arm	0465509880
MiniBoom counterbalance device (Requires P/N's 0460565880, 0461310880 and 0460946880)	0458705880
Female gas hose quick-connector	0365803002
Gas Meter (measures gas flow at the gun)	19043

\* Special order feeder      \*\* Extension Kit required when Wheel Kit is used in combination with Trolley

\*\*\* To upgrade existing interconnection cable sets to fit with Robust Feed

† To fit Robust Feed on previous Warrior Trolley 0465510880



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