

# 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 – 460 V 3ph

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 mm <sup>2</sup>	4 x 6	4 x 6
Operating Temperature	-10 to +40 °C (+14 to +104 °F)	
Dimensions LxWxH	712 x 325 x 470 mm (28.1 x 12.8 x 18.5 in.)	
Weight	59 kg (130 lbs)	
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 – 70 mm <sup>2</sup> , Air-Cooled, 2.0 m (6.5 ft), incl. strain relief		0446160880
Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 5.0 m (16.5 ft), incl. strain relief		0446160881
Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 15.0 m (49.2 ft), incl. strain relief		0446160883
Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 25.0 m (82 ft), incl. strain relief		0446160884

**\* Basic Package Includes:**

Power Source; 0445800885 Robust Feed Pro; 10401052 SPRAYMASTER 450 MIG Gun 15 ft 1/16; 0781-3634 ESS32-50CFH-580 EDGE 2.0 Regulator; 0349313450 Trolley - 4 wheel, single cylinder

# Warrior CC/CV

Torch Options	
<b>Gouging Accessories</b>	
ArcairK4000 Air Carbon-Arc Gouging Torch & Cable, Heavy Duty, (1000 A, 80 PSI / 25 CFM, 7 ft)	61082008
ArcairAirProX4000 Torch & Cable Assembly 2.1 m (7 ft) -360° Swivel	61084008
<b>MIG Guns</b>	
Spray Master 350 Air Cooled MIG Gun (350 A, 1/16, 12 ft Tweco)	1036-1613
Spray Master 350 Air Cooled MIG Gun (350 A, 1/16, 15 ft Tweco)	1036-1615
Spray Master 450 Air Cooled MIG Gun (450 A, 1/16, 15 ft Tweco)	1040-1052
Spray Master 450 Air Cooled MIG Gun (450 A, 1/16, 25 ft Tweco)	1040-1058
Classic 5 Air Cooled MIG Gun (500 A, 1/16, 15 ft Tweco)	1050-1113

Ordering Information	
<b>Wire Feeders</b>	
Robust Feed Pro Offshore (incl. gas flow meter+heater) Tweco	0445800885
Warrior Feed 404HD (Tweco Connection) *	0558102235
<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 <input type="checkbox"/>	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 5 m (16.5 ft)	0459553880
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

\*\*\*\* A longer versions of 5m Remote Cable are available



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