

Warrior™ CC/CV

Powerful multi-process welding machines



PRECIDRIVE



reddot winner 2021

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

- **Durable and rugged** – Suitable for outdoor and indoor use in rough environments. Warrior 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.
- **High-Duty Cycle** – For long runs across a variety of applications and delivers 400 A or 500 A at 60% Duty Cycle.
- The 2021 Red Dot design award winning design of the RobustFeed also provides additional benefits including, best in class enclosure from moisture and dust to keep the spool safe, an integrated heater and flow meter and well-designed ergonomics.
- PreciDrive wire drive system maintains precision wire feeding performance to promote consistent weld quality. The powerful drive system enables same level of control even for large diameter wires for hardfacing or other demanding applications

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Industry

- Marine and Offshore
- Steel Erectors
- Structural Steel Fabrication
- Industrial and General Fabrication
- Hard Surfacing and Cladding
- Repair and Maintenance
- Mobile Equipment
- Pressure Vessels
- Pipeline



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 ²	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
Interconnection Cables		
Interconnection Cables – 70 mm ² , Air-Cooled, 2.0 m (6.5 ft), incl. strain relief		0446160880
Interconnection Cables – 70 mm ² , Air-Cooled, 5.0 m (16.5 ft), incl. strain relief		0446160881
Interconnection Cables – 70 mm ² , Air-Cooled, 15.0 m (49.2 ft), incl. strain relief		0446160883
Interconnection Cables – 70 mm ² , 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

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Torch Options

Gouging Accessories	
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
MIG Guns	
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

Wire Feeders	
Robust Feed Pro Offshore (incl. gas flow meter+heater) Tweco	0445800885
Warrior Feed 404HD (Tweco Connection) *	0558102235
Robust Feed Pro Offshore (incl. gas flow meter + heater) Euro Water	0445800883
Options & Accessories	
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 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
* Specialized feeders (Gas Dimension Kit required)	0446043

*** 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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