

Warrior™ 750i ARCAIR

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 1/2 in (12.8 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

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Industry

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



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Specifications	
Primary Voltage	380 - 575 V \pm 10%, 3ph, 50/60 Hz
Fuse Slow	70 A
Welding Output Arc Gouging (CAC-A)	850 A / 44 V at 35% Duty Cycle 820 A / 44 V at 60% Duty Cycle 750 A / 44 V at 100% Duty Cycle
Welding Output GMAW (MIG/MAG)	820 A / 44 V at 60% Duty Cycle 750 A / 44 V at 100% Duty Cycle
Welding Output SMAW (Stick)	820 A / 44 V at 60% Duty Cycle 750 A / 44 V at 100% Duty Cycle
Welding Output GTAW (TIG)	820 A / 34 V at 60% Duty Cycle 750 A / 34 V at 100% Duty Cycle
Setting Range GMAW (MIG/MAG)	8-44 V
Setting Range SMAW (Stick)	15 – 820 A
Setting Range GTAW (TIG)	8 – 820 A
Efficiency at Max Current	91 %
Power Factor Max Current	0.91
Energy Save Mode	31 W
Open Circuit Voltage	94 VDC
Mains Cable	4 x 16 Ø mm ²
Operating Temperature	-4 to 131 °F (-20 to +40 °C)
Dimensions LxWxH	33.5 x 16.4 x 25 in. (850 x 415 x 637 mm)
Weight	231.5 lbs. (105 kg)
Enclosure class	IP23
Application Class	S
Insulation Class	H
Certification Mark	CSA

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

Warrior™ 750i ARCAIR

Easy 2 Step Ready To Weld Package Selection:

Step 1: Select Basic Package

Step 2: Select Interconnection Length

Ordering Information

Warrior 750i Arcair, 380-575V, CSA	0445555881
Warrior 750i Arcair, 380-575V, CSA, Robust Feed Pro – BASIC PACKAGE*	0558102739
Interconnection Cables	
Interconnection Cables - 70mm ² , Air-Cooled, 2.0m (6.5 ft), incl. strain relief	0446160880
Interconnection Cables - 70mm ² , Air-Cooled, 5.0m (16.5 ft), incl. strain relief	0446160881
Interconnection Cables - 70mm ² , Air-Cooled, 15.0m (49.2 ft), incl. strain relief	0446160883
Interconnection Cables - 70mm ² , Air-Cooled, 25.0m (82 ft), incl. strain relief	0446160884

* Basic package includes: Power Source 0445555881, Robust Feed Pro 0445800885, Tweco Spray Master V450 15' 1/16 10401833, Victor EDGE 2.0 ESS32-150-580 0781-3634, Warrior 750i Cart 0446398880

Options & Accessories

Cart 4-wheel Air-cooled	0446398880
OKC Adapter Cable	0446507880
Remote control AT1	0459491896
Remote control AT1 CoarseFine	0459491897
Remote Cable AN 8-12 Pole 16.4 ft. (5 m) AT1/AT1 CF	0459552880
Remote Cable AN 8-12 Pole 32.8 ft. (10 m) AT1/AT1 CF	0459552881
Remote Cable AN 8-12 Pole 49.2 ft. (15 m) AT1/AT1 CF	0459552882
Remote Cable AN 8-12 Pole 82 ft. (25 m) AT1/AT1 CF	0459552883
Foot Pedal FS002	0349090886

Gouging Accessories

Arcair K4000 Air Carbon-Arc Gouging Torch & Cable, Heavy Duty, (1000A, 80PSI / 25CFM, 7FT)	61082008
Arcair AirPro X4000 Torch & Cable Assembly 7 ft. (2.1 m) - 360° Swivel	61084008

MIG Guns

Spray Master 350 Air Cooled MIG Gun (350A, 1/16, 12FT, Tweco)	1036-1613
Spray Master 350 Air Cooled MIG Gun (350A, 1/16, 15FT, Tweco)	1036-1615
Spray Master 450 Air Cooled MIG Gun (450A, 1/16, 15FT, Tweco)	1040-1052
Spray Master 450 Air Cooled MIG Gun (450A, 1/16, 25FT, Tweco)	1040-1058
Classic 5 Air Cooled MIG Gun (500A, 1/16, 15FT, Tweco)	1050-1113

Wire Feeders

Warrior Feed 404HD (Tweco Connection)	0558102235
Robust Feed Pro Offshore (incl. gas flow meter+heater) Tweco	0445800885

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



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