



WARRIOR 750i

THE MOST POWERFUL MULTI-PROCESS
MIG, STICK, TIG & GOUGING WARRIOR!



WARRIOR 750i

MAXIMUM PRODUCTIVITY

Meet ESAB's complete line of heavy industrial systems — now featuring the Warrior 750i CC/CV, our most powerful multi-process power source ever.

MOVE MORE METAL

With a maximum output of 850 amps and a 750-amp output at 100% duty cycle, Warrior 750i offers up to 100 amps more power than competitive systems. The extra output enables greater productivity when carbon arc gouging and for hardfacing, cladding and mechanized applications using larger electrodes.

TACKLE MORE APPLICATIONS

Paired with Robust Feed Pro, Warrior 750i is the most durable and dependable combination for heavy-duty MIG, flux cored, Stick, TIG and gouging capabilities. It also offers all the arc control functions and performance you'd expect from an inverter-based unit, delivered through a clear and intuitive interface and sun-friendly displays.

READY TO GO

The Warrior 750i provides easy logistics. It features handles that are rated and marked for crane lifting, while its feet also provide pockets for a forklift (the pockets also elevate the unit off wet and dirty surfaces). The IP23-rated weatherproof case uses thick, double-bent metal side panels to withstand tough environments. Premium Performance — For the ultimate combination of durability, advanced functionality and pulsed MIG processes, explore the Aristo 500ix and pair it with a Robust Feed Pulse or Robust Feed U6.



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



ROBUST FEED

ROBUST FEED DEFINES A NEW CATEGORY

The advanced portable wire feeder that combines performance, durability and versatility. Now you can standardize on one style of feeder for all applications, simplifying maintenance, logistics and training.

NO COMPROMISE

From the high speeds required for small diameter solid wires to the torque for driving large diameter cored wires, Robust Feed's 4-roll advanced drive stand runs every wire size from 0.6mm to 2.4mm. — and runs them better than a benchtop feeder.

FULL FUNCTION

Robust Feed offers all the benefits of a premium workshop wire feeder for controlling MIG functions, while the Pulse and U6 models* add advanced controls for pulsing and enhanced performance that help you take quality to the next level.

*Applies to RobustFeed Pulse Models which are only used with the Aristo 500iX Power Source.

BUILT TO MOVE

Portable doesn't just mean lightweight. It means convenience for the situation at hand, such as the optional wheel kit for sliding under a weldment, high durability wear surfaces for dragging and ergonomic, crane-rated handles for lifting. Even better, a twist-lock design secures the primary power cable to the rear of the unit, so there is no strain or risk from shearing off a connection when you drag or lift the feeder.

DURABILITY ALWAYS MATTERS

Grinding dust and dirt can take down lesser feeders as fast as rain or mud. That's why Robust Feed provides the industry's only IP44 rating, offering more protection than any other unit. The design seals off controls and electronics, and an optional internal heater will even drive off moisture to keep the wire fresh.



READ-ANYWHERE DISPLAY

Warrior's sun-friendly display makes it easy to read outdoors and from a wide range of angles.



EASY-TO-USE

Clear and intuitive user interface for everyone to get started quickly. Glove-friendly knobs make adjustments quick and easy

OPTIONS & ACCESSORIES

Cool2 Standalone	0465427881
Coolant 3 gal (10L)	0007810012
Trolley 4-Wheel Air-Cooled	0446398880
Trolley 4-Wheel Water-cooled	0446270880
OKC Adaptor Cable	0446507880
Interconnection Lead AIR 10m 70mm2 19Pin Warrior 400i/500i/750i to Warrior Feed 304/484	0459836882
Interconnection Lead AIR 15m 70mm2 19Pin Warrior 400i/500i/750i to Warrior Feed 304/484	0459836883
Interconnection Lead L.C. 10m 70mm2 19Pin Warrior 400i/500i/750i to Warrior Feed 304/484	0459836892
Interconnection Lead L.C. 15m 70mm2 19Pin Warrior 400i/500i/750i to Warrior Feed 304/484	0459836893
Interconnection Lead AIR 10m 95mm2 19Pin Warrior 750i to RobustFeed PRO & W.Feed 304	0459836982
Interconnection Lead AIR 15m 95mm2 19Pin Warrior 750i to RobustFeed PRO & W.Feed 304	0459836983
Interconnection Lead AIR 25m 95mm2 19Pin Warrior 750i to RobustFeed PRO & W.Feed 304	0459836984

TORCHES (MIG)

	3m	4m
PSF 415, with Euro Connection	0700025040	0700025041
PSF 420W, with Euro Connection	0700025060	0700025061
PSF 520W, with Euro Connection*	-	0700025071

Tweco

Tweco 4 Euro Connection	3.6m - OTWX412/3545
	4.5m - OTWX415/3545
Supra XT 4m Euro Connection	SE400X4M16

* With dual-circuit cooling system for less heat, better wire feedability and fewer production stops to change wear parts.

**“ RUGGED. PORTABLE.
POWERFUL. READY
FOR ANYTHING. ”**

ORDERING INFO

Plant Contents Include:

Warrior 750i / Robust Feed Pro Plant	W1009770
Warrior 750i Power Source (Including Work lead 5m)	0445555882
Robust Feed Pro (0.9/1.2mm V groove feed rolls-fitted)	0445800883
Interconnection Strain relief kit	0446050880
MIG Torch Tweco 4, 4.5m euro	OTWX415/3545
Lug to OKC Adaptor cable	0446507880
Argon COMET EDGE ESS3 Flowgauge Reg 55LPM	301526
Hose end connector	308689

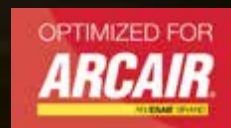
WIRE FEEDERS

Robust Feed Pro Offshore, Water, Euro (incl. gas flow meter+heater)	0445800883
Robust Feed AVS (CC/CV-Voltage sensing Feeder)	0446700881

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

GOUGING ACCESSORIES

Arcair® K4000 Air Carbon-Arc Gouging Torch & Cable, Heavy Duty, (1000A, up to 13 mm round- and 16 mm flat electrodes)	AA61082008
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ECO POWER

Next-level energy savings and power efficiency are the standard in ESAB equipment. ECO Power is our initiative to ensure the ESAB product offering features lower power consumption, lower energy bills and lower overall operation costs.

Benefits of ECO Power include:

- High power efficiency
- Smaller, lighter machines with the latest inverter technology
- Decrease in current draw & minimum idle power

WARRIOR 750i & ROBUST FEED

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 16 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

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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

STANDARDS COMPLIANCE

IEC60974.1, ANSI/IEC
60974-1:2008 & AS1674.1

And ordering info Warrior 750i AU variant:
0445555882 (Power Source ONLY)

SPECIFICATIONS

Primary Voltage	380 - 460V $\pm 10\%$, 3ph, 50/60 Hz
Fuse Slow	63A at 400V (80A at 380V)
Welding Output Arc Gouging (CAC-A)	850A / 44V at 35% Duty Cycle 820A / 44V at 60% Duty Cycle 750A / 44V at 100% Duty Cycle
Welding Output GMAW (MIG/MAG)	820A / 44V at 60% Duty Cycle 750A / 44V at 100% Duty Cycle
Welding Output MMAW (Stick)	820A / 44V at 60% Duty Cycle 750A / 44V at 100% Duty Cycle
Welding Output GTAW (TIG)	820A / 34V at 60% Duty Cycle 750A / 34V at 100% Duty Cycle
Setting Range GMAW (MIG/MAG)	8-44V
Setting Range MMAW (Stick)	15 – 820A
Setting Range GTAW (TIG)	8 – 820A
Efficiency at Max Current	91%
Power Factor Max Current	0.91
Energy Save Mode	31W
Open Circuit Voltage	89V
Open Circuit Voltage (VRD Activated)	<35VDC
Mains Cable	4 x 16 \emptyset mm ²
Operating Temperature	-20 to +40 °C (+55 °C with derating)
Dimensions LxWxH	850 x 415 x 637 mm
Weight	103 kg
Enclosure Class	IP23
Application Class	S
Insulation Class	H
Certification Mark	CE
Cool2 Standalone (Optional)	
Supply Voltage	40 VAC 50/60 Hz
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	15.5 kg
Weight w/ coolant	20 kg

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



ROBUST FEED PRO-OS,
WATER EURO
P/N: 0445800883

WARRIOR 750i
P/N: 0445555882



**“ RETHINK AND RAISE
YOUR WIRE FEEDER
EXPECTATIONS. ”**

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