



## Aristo® 500ix

Powerful multi-process welding machines



Aristo 500ix is a portable heavy industrial pulse power source with robust and reliable mechanical design. Together with Robust Feed U6, it is the perfect solution for demanding pulse applications.

- Advanced pulse functionality reduces heat input and minimizes spatter.
- Up to 250 pre-programmed synergic lines (U82 Plus).
- QSet™ intelligent welding system.
- Crater filling and adjustable burn back time for defect-free weld terminations.
- Pre- and post-gas flows.
- TrueArcVoltage™ system measures the correct.
- 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.

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

### Industry

- General Industrial Fabrication
- Energy
- Windtowers
- Transportation
- Railcars
- Mining
- Mobile Machinery
- Steel Industry
- Ship/Barge Building
- Offshore Oil



<b>Specifications</b>	
Mains Voltage	380 - 460 V $\pm$ 10%, 3ph, 50/60 Hz
Welding Output GMAW (MIG/MAG)	500 A / 39.0 V at 60% Duty Cycle 400 A / 34.0 V at 100% Duty Cycle
Welding Output SMAW (Stick)	500 A / 40.0 V at 60% Duty Cycle 400 A / 36.0 V at 100% Duty Cycle
Welding Output GTAW (TIG)	500 A / 30.0 V at 60% Duty Cycle 400 A / 26.0 V at 100% Duty Cycle
Setting Range GMAW (MIG/MAG)	16 A / 14.8 V - 500 A / 39 V
Setting Range SMAW (Stick)	16 A / 20.6 V - 500 A / 40 V
Setting Range GTAW (TIG)	5 A / 10.2 V - 500 A / 30 V
Open Circuit Voltage	58 V
Efficiency at Max Current	88%
Power Factor at Max Current	0.91
Dimensions L x W x H	712 x 325 x 470 mm (28 x 13 x 18.5 in)
Weight	58.5 kg (129 lbs)
Operating Temperature	-20 to +40 °C (-4 to 131 °F)
Enclosure Class	IP23
Application Class	S
Insulation Class	H
Certification Mark (Standards)	CE
<b>Cool 2 Cooling Unit</b>	
Supply Voltage	40 VAC
Cooling Power	1 kW
Coolant Volume	4.5 l (1.2 gal)
Max Flow	1.8 l/min (0.48 gal/min)
Max Pressure	4.6 bar (66.7 PSI)
Dimensions L x W x H	680 x 330 x 230 mm (27 x 13 x 9 in)
Weight	15 kg (33 lbs)
Weight w/ coolant	19.5 kg (43 lbs)

<b>Ordering Information</b>	
Aristo 500ix CE, (380-460V)	0446200880

<b>Options &amp; Accessories</b>	
COOL 2 Cooling Unit	0465427880
Coolant 10l (3 gal)	0007810012
Wheel Kit Aristo 500ix	0465416880
Remote control MTA1	0459491880
Remote control unit AT1	0459491896
Remote control unit AT1 CF	0459491897
Remote control adapter RA 23	0459491911
Remote control cable 12 pole -8 pole 5 m (16 FT)	0459552880
Remote control cable 12 pole -8 pole 10 m (32 FT)	0459552881
Remote control cable 12 pole -8 pole 15 m (49 FT)	0459552882
Remote control cable 12 pole -8 pole 25 m (82 FT)	0459552883

Options & Accessories	
Remote outlet kit	0465424880
Guide pin extension kit	0465508880
Stabilizer kit Warrior for Counterbalance Arm	0465509880
Counter balance Arm +	0458705880
Robust Feed Wheel Kit	0446081880
Torch Strain Relief	0446082880
Trolley 4-wheel Warrior (AristoFeed/Warrior Feed)	0465510880
Trolley (Robust Feed/Warrior Feed)	0349313450
Trolley Retrofit Kit Robust Feed *	0349313100

+ For Aristo Feed, not Robust Feed. Requires Trolley and Stabilizerkit. \* To fit Robust Feed on previous Warrior Trolley 0465510880

Options & Accessories	
Robust Feed U6 (Incl. Gas Flow meter+ Heater) Water -cooled Euro	0445800887
Robust Feed U6 (Incl. Push -Pull, Gas Flow meter+ Heater) Water -cooled Euro	0445800888
Aristo Feed 3004w U6 Encl. 10p	0460526896
Aristo Feed 3004w Encl. 10p	0460526891
Aristo Feed 4804w U6 Encl. 10p	0460526996
Aristo Feed 4804w Encl. 10p	0460526991
<b>Aristo U82 Control Panel</b>	
Aristo U82Plus complete incl. Holder	0460820881
Control cable extention U82 7.5 m (25 FT)	0460877891



Robust Feed U6



Cool2



Aristo Feed 3004



U82Plus



[www.esabindia.com](http://www.esabindia.com)

