



ESAB WELDING & CUTTING PRODUCTS CATALOGUE



// HEAVY INDUSTRY PRODUCT



Transmig Series

Powerful, multi-process welding machines



Next Generation Energy-Efficient Inverter Technology

- Pre-programmed synergic lines that offer stable and reliable welding performance
- Three-stage parameter setting function for better adaptability to various welding process
- Pulse function enables the low spatter welding of carbon steel, stainless steel, aluminum and alloy
- Stable and consistent welding performance with wide range of welding parameters and enhanced efficiency
- A variety of automatic protection monitoring functions, with excellent waterproof, dustproof and shockproof design to ensure the reliability
- Advanced digital control technology, with versatile design and continuous upgrade
- Configurable digital/analog communication port for welding automation



MULTI-PROCESS machines

Specifications	Transmig 400DP/ 400DP-Ra/400DP-Rd	Transmig 500DP/ 500DP-Ra/500DP-Rd	Transmig 400P/ 400P-Ra/400P-Rd	Transmig 500P/ 500P-Ra/500P-Rd
Rated Input Voltage	380 V ± 15%, 50/60 Hz		380 V ± 15%, 50/60 Hz	
Rated Input Capacity	17.2 kVA	24.7 kVA	17.2 kVA	24.7 kVA
Power Factor	0.93		0.93	
Rated VRD Voltage for MMA	20 ± 2 V		20 ± 2 V	
Rated Output for MMA	400 A / 36 V	500 A / 40 V	400A / 36 V	500 A / 40 V
OCV	80 V		80V	
Rated Output for GMAW	400 A / 34 V	500 A / 39 V	400 A / 34 V	500 A / 39 V
Welding Voltage	14 – 34 V	14 – 39 V	14 – 34 V	14 – 39V
Welding Current	30 – 400 A	30 – 500 A	30 – 400 A	30 – 500 A
Feeding Speed	2.0 – 22.0 m/min		2.0 – 22.0 m/min	
Gas Regulator Heating Supply	AC36 V (100 W)		AC36 V (100 W)	
Welding Process	MMA / GMAW / Pulse / Double Pulse		MMA / GMAW / Pulse	
Welding Material	Mild Steel / Stainless Steel / Aluminum magnesium / Aluminum silicon		Mild Steel / Stainless Steel	
Wire Diameter (mm)	Mild Steel 0.8 -1.6, Stainless Steel 0.8 -1.6 Aluminum magnesium 1.0 -1.6, Aluminum silicon 1.0 -1.6		Mild Steel 0.8 -1.6, Stainless Steel 0.8 -1.6	
Operating Temperature	-10°C – +40°C		-10°C – +40°C	
Storage Temperature	-25°C – +55°C		-25°C – +55°C	
Protection Class	IP21S		IP21S	
Duty Cycle	100%		100%	
Efficiency	85%		85%	
Insulation Class	F		F	
External Dimension, L x W x H	760 x 360 x 710 mm		760 x 360 x 710 mm	
Net Weight	53.4 kg		53.4 kg	

Specifications	Transmig 400H/ 400H-Ra/400H-Rd	Transmig 500H/ 500H-Ra/500H-Rd	Transmig 400i/400i-Ra	Transmig 500i/500i-Ra
Rated Input Voltage	380 V ± 15%, 50 Hz/60 Hz		3ph AC 380 V ± 15%, 50/60 Hz	
Rated Input Capacity	17.2 kVA	24.7 kVA	17.2 kVA	24.7 kVA
Power Factor	0.93		0.93	
Rated VRD Voltage for MMA	20 ± 2 V		20 ± 2V	
Rated Output for MMA	400 A / 36 V	500 A / 40 V	400 A / 36 V	500 A / 40 V
OCV	80 V		75 ± 5 V	80 ± 5 V
Rated Output for GMAW	400 A / 34 V	500 A / 39 V	400 A / 34 V	500 A / 39 V
Welding Voltage	14 – 34 V	14 – 39 V	10 – 34 V	10 – 39 V
Welding Current	40 – 400 A	40 – 500 A	40 – 400 A	40 – 500 A
Feeding Speed	2.0 – 22.0 m/min		1.5 – 22 m/min	
Gas Regulator Heating Sup-ply	AC36 V (100 W)		AC36 V (100 W)	
Welding Process	MMA / GMAW / DPT		MMA / GMAW / DPT	
Operating Temperature	-10°C – +40°C		-10°C – +40°C	
Storage Temperature	-25°C – +55°C		-25°C – +55°C	
Protection Class	IP21S		IP21S	
Duty Cycle	100%		60%	
Efficiency	85%		85%	
Insulation Class	F		F	
External Dimension, L x W x H	760 x 360 x 710 mm		760 x 360 x 710 mm	
Net Weight	53.4 kg		56.8 kg	58 kg

Ordering Information

Transmig 400DP power source	ICFC960256	Transmig 400P power source	ICFC960251
Transmig 500DP power source	ICFC960201	Transmig 500P power source	ICFC960200
Transmig 400DP-Ra power source	ICFC960257	Transmig 400P-Ra power source	ICFC960252
Transmig 500DP-Ra power source	ICFC960202	Transmig 500P-Ra power source	ICFC960254
Transmig 400DP-Rd power source	ICFC960258	Transmig 400P-Rd power source	ICFC960253
Transmig 500DP-Rd power source	ICFC960203	Transmig 500P-Rd power source	ICFC960255
Transmig 400H power source	ICFC960208	Transmig 400i power source	ICFC960100
Transmig 500H power source	ICFC960209	Transmig 500i power source	ICFC960140
Transmig 400H-Ra power source	ICFC960204	Transmig 400i-Ra power source	ICFC960166
Transmig 500H-Ra power source	ICFC960205	Transmig 500i-Ra power source	ICFC960167
Transmig 400H-Rd power source	ICFC960206		
Transmig 500H-Rd power source	ICFC960207		


High Performance Wire Feeding System

Dual closed-loop digital control and a four-wheel drive design ensure strong wire feeding and stable welding effect, even with a 50-meter extension cable. The parameters can be controlled remotely by using a digital remote, including voltage, wire feed rate, inductance, and initial/welding/arc stopping parameters for efficient welding.

Options & Accessories

Wirefeeder	
Transmig Feed 364a	ICFC960101
Transmig Feed 364d	ICFC960210
Transmig Feed 304aw	ICFC960211
Transmig Feed 304dw	ICFC960212
Transmig RobFeed 304R	ICFC960213
Robotic Integration Accessories	
Digital communication cable, 10 m	ICFC960222
Analog Communication Cable, 10 m	ICFC960284
Other Accessories	
Trolley P1	ICFC960220
Water cooler / COOL W1	ICFC960221
Gas Regulator GCE / 36V / Krass 0870290KR	ICFC960107
Earth Cable 50 mm ² , 3 m	ICFC960270
Input Power Cable 44 mm ² , 5 m	ICFC960274
Earth Cable 70 mm ² , 3 m	ICFC960275
Input Power Cable 4 x 6 mm ² , 5 m	ICFC960279
Wheel Kit/Transmig Power Source	ICFC960269
Input Power Cable 4 x 6 mm ² , 5 m	ICFC960147



Warrior™ 400i & 500i CC/CV

Powerful, multi-process welding machines



MULTI-PROCESS machines



Warrior 500i shown with RobustFeed PRO, cooling unit and trolley

- Warrior™ is a 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 RobustFeed 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 to get started quickly with glove-friendly knobs for quick and easy adjustments
- High-Duty Cycle – for long runs across a variety of applications
- 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
- Wide input voltage range to support regional requirements

Specifications		Warrior 400i	Warrior 500i
Input Voltage		380 - 415 V 3ph ± 10% 50/60 Hz	380 - 415 V 3ph ± 10% 50/60 Hz
Welding Output MIG (GMAW)		400 A / 34 V @ 60% duty cycle 300 A / 30 V @ 100% duty cycle	500 A / 39 V @ 60% duty cycle 400 A / 34 V @ 100% duty cycle
Welding Output TIG (GTAW)		400 A / 26 V @ 60% duty cycle 300 A / 22 V @ 100% duty cycle	500 A / 30 V @ 60% duty cycle 400 A / 26 V @ 100% duty cycle
Welding Output MMA (SMAW)		400 A / 36 V @ 60% duty cycle 300 A / 32 V @ 100% duty cycle	500 A / 40 V @ 60% duty cycle 400 A / 36 V @ 100% duty cycle
Fuse Slow		25 A	32 A
Settings range DC	GMAW FCAW SMAW GTAW	16 – 400 A 5 – 400 A	16 – 500 A 5 – 500 A
Open Circuit Voltage		56 V peak (without VRD activated) 28 V peak (with VRD activated)	56 V peak (without VRD activated) 28 V peak (with VRD activated)
Energy Saving Mode		30 W	30 W
Power Factor at Maximum Current MIG		0.91	0.91
Efficiency at Maximum Current MIG		90%	90%
Control Voltage		42 V, 50/60 Hz	42 V, 50/60 Hz
Operating Temperature		10°C – 40°C	10°C – 40°C
Enclosure Class		IP 23	IP 23
Application Class		S	S
Dimensions, L x W x H		712 x 325 x 470 mm	712 x 325 x 470 mm
Dimensions, L x W x H w/ cooling unit		712 x 325 x 700 mm	712 x 325 x 700 mm
Weight		59 kg	59 kg
Weight (with cooling unit)		74 kg	74 kg

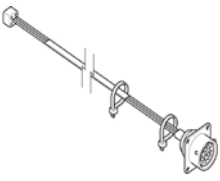
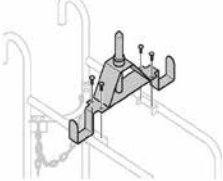
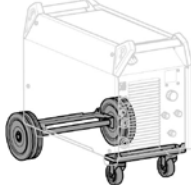
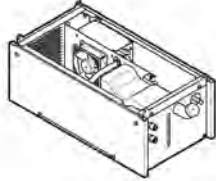
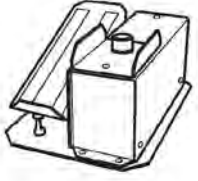

Recommended Parameters for Carbon Arc Gouging			
Electrode	Voltage Min	Voltage Max	Electrode Extension
6.0 mm	36 V	49 V	50 – 76 mm
8.0 mm	39 V	52 V	
9.5 mm	43 V	52 V	
12.7 mm	48 V (500i in parallel)	54 V (500i in parallel)	

Warrior™ 400i & 500i CC/CV

Ordering Information

Warrior 400i CC/CV	0465350884	Warrior 500i CC/CV	0465350883
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Delivery includes power source, 3 m mains cable and 5 m return cable incl. clamp.

 <p>Remote Outlet Kit*</p> <p>Part Number: 0465424880 For Power Source</p>	 <p>Guide Pin Extension Kit</p> <p>Part Number: 0465508880 Extension Kit required when Wire Feeder Wheel Kit is used in combination with Trolley.</p>	 <p>Wheel Kit</p> <p>Part Number: 0465416880</p>	 <p>COOL 2 Cooling Unit</p> <p>Part Number: 0465427880</p>	 <p>Foot Control FS002</p> <p>Part Number: 0349030886 Requires Remote Outlet Kit*</p>
				
<p>Trolley</p> <p>Part Number: 0349313450 RobustFeed, Warrior Feed</p>				

MULTI-PROCESS machines

RobustFeed Selection Guide

Wire Feeder	Ordering information	Water-Cooling	Gas flow meter & heater	MMA Outlet	Push-pull	Mechanised MIG	ELP	Remote Outlet	Power Source Option
RobustFeed PRO	0445800880							Optional outlet (Power source and Wire feeder ¹⁾)	Warrior 400i CC/CV Warrior 500i CC/CV Warrior 750i CC/CV
	0445800881	x							
	0445800882		x						
	0445800883	x	x						

¹⁾ Available remotes M1, AT1 and others.

Warrior™ CC/CV Accessories

MULTI-PROCESS machines

Options & Accessories		Warrior 400i, 500i	Warrior 750i
RobustFeed PRO	0445800880	■	■
RobustFeed PRO, Water	0445800881	■	■
RobustFeed PRO Offshore (incl. gas flow meter+heater)	0445800882	■	■
RobustFeed PRO Offshore, Water (incl. gas flow meter+heater)	0445800883	■	■
Warrior Feed 304	0465250880	■	■
Warrior Feed 304w	0465250881	■	■
COOL 2 Cooling Unit	0465427880	■	
COOL 2 Cooling Unit, Standalone	0465427881		■
Coolant 10 l.	0465720002	■	■
Trolley 4-wheel (RobustFeed/Warrior Feed/Aristo Feed)	0349313450	■	
Trolley 4-wheel HD Air-cooled	0446398880		■
Trolley 4-wheel HD Water-cooled	0446270880		■
Guide Pin Extension Kit ¹⁾	0465508880	■	
Stabiliser kit for Counterbalance Arm	0465509880	■	
Counterbalance Arm ²⁾	0458705880	■	
Wheel Kit, power source	0465416880	■	
Quick Connector Marathon Pac	F102440880	■	
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 ³⁾	0465451880	■	
Remote Adaptor kit Miggytrac/Railtrac ³⁾	0465451881	■	
Remote cable M1-5m	0459553880	■	
Remote cable M1-10m	0459553881	■	
Remote cable M1 -25m	0459553883	■	
Remote Cable AN 8-12 Pole 5 m AT1/AT1 CF	0459552880	■	■
Remote Cable AN 8-12 Pole 10 m AT1/AT1 CF	0459552881	■	■
Remote Cable AN 8-12 Pole 15 m AT1/AT1 CF	0459552882	■	■
Remote Cable AN 8-12 Pole 25 m AT1/AT1 CF	0459552883	■	■
Foot control FS002	0349090886	■	■
Arcair® K4000 CAB Torch & Cable, Heavy Duty, (1000A, 25 CFM)	61082008	■	■
ArcairAirPro™ X4000 CAG Torch & Cable Assembly 2.1 m -360°Swivel	61084008	■	■
OKC Adaptor Cable	0446507880		■
MIG Torches	3 m	4 m	5 m
PSF 415, with Euro Connection	0700025040	0700025041	0700025042
PSF 515, with Euro Connection	0700025050	0700025051	0700025052
PSF 420W, with Euro Connection	0700025060	0700025061	0700025062
PSF 520W, with Euro Connection ⁴⁾	0700025070	0700025071	0700025072
TIG Torches	See separate page on the SR-B TIG torches range.		

¹⁾ Extension Kit required when Wire Feeder Wheel Kit is used in combination with Trolley.

²⁾ Not for use with RobustFeed. Counterbalance Arm requires Trolley 0349313450 and Stabiliser kit 0465509880.

³⁾ Not for use with RobustFeed.

⁴⁾ With dual-circuit cooling system for less heat, better wire feedability and fewer production stops to change wear parts.

Warrior™ 750i CC/CV

Powerful multi-process welding machine



Warrior 750i shown with RobustFeed PRO

- Warrior™ is a 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 13 mm electrodes with outstanding performance
- Inverter Technology – Warrior brings the outstanding arc performance and energy savings you expect from an inverter, along with increased energy efficiency and more power
- High-Duty Cycle – for long runs across a variety of applications
- Durable and rugged – Suitable for outdoor and indoor use in rough environments. Warrior paired with RobustFeed 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 to get started quickly with glove-friendly knobs for quick and easy adjustments
- Wide input voltage range to support regional requirements

MULTI-PROCESS machines


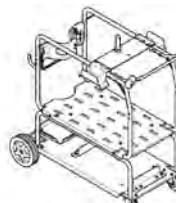
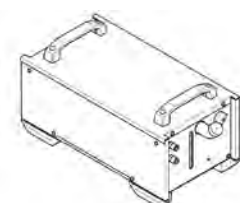

Specifications

Input Voltage		Setting Range		Rated kVA	Fuse Slow	Efficiency @ Max Current MIG	Power Factor @ Max Current MIG
380 - 415 V 3ph ± 10% 50/60 Hz		MIG (GMAW/FCAW) MMA (SMAW) TIG (GTAW)	15 – 820 A, 8 – 44 V 15 – 820 A 8 – 820 A	25.2 kVA	70 A	91%	0.91
Welding Output						Open Circuit Voltage	Energy Saving Mode
Carbon Arc Gouging (CAG) 850 A/44 V at 35% Duty Cycle 820 A/44 V at 60% Duty Cycle 750 A/44 V at 100% Duty Cycle	MIG (GMAW) - 820 A/44 V at 60% Duty Cycle 750 A/44 V at 100% Duty Cycle	TIG (GTAW) - 820 A/34 V at 60% Duty Cycle 750 A/34 V at 100% Duty Cycle	MMA (SMAW) - 820 A/44 V at 60% Duty Cycle 750 A/44 V at 100% Duty Cycle	94 VDC		31 W	
Mains Cable	Protection Class	Operating Temperature	Dimensions L x W x H	Weight			
4 x 16 Ø mm²	IP23	-10°C – 40°C	850 x 415 x 637 mm	97 kg			

Ordering Information

Warrior 750i CC/CV	0445555880
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Delivery includes power source, 3 m mains cable and 5 m return cable incl. clamp.

 <p>Trolley, Air-cooled Part Number: 0446398880</p>	 <p>Trolley, Water-cooled Part Number: 0446270880</p>	 <p>COOL 2 Cooling Unit, Standalone Part Number: 0465427881</p>	 <p>OKC Adaptor Cable Part Number: 0446507880 Order along with 70 mm² and 95 mm² cables to connect lug to OKC.</p>
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Aristo® 500ix

Portable heavy industrial pulse welding machine



Aristo 500ix shown with RobustFeed U6, cooling unit and trolley



- Aristo 500ix is a portable heavy industrial pulse power source with robust and reliable mechanical design. Together with RobustFeed U6 or Pulse it is the perfect solution for demanding pulse applications
- Advanced pulse functionality reduces heat input and minimises spatter
- Up to 250 pre-programmed synergic lines (U8₂ Plus)
- QSet™ intelligent welding system
- Crater filling, adjustable burn back time and SCT (short circuit termination) options for defect-free weld terminations
- Durable and rugged – IP23 rating for outdoor and indoor use in rough environments
- Compatible with RobustFeed U6 and Pulse, rugged and portable feeder units with excellent feeding performance
- MMA and gouging available from feeder

MULTI-PROCESS machines

Specifications

Input Voltage	Setting Range		Open Circuit Voltage	Efficiency @ Max Current MIG	Power Factor @ Max Current MIG
380 – 460 V, 3ph, 50/60 Hz	MIG (GMAW/FCAW) MMA (SMAW) TIG (GTAW)	16 – 500 A, 14.8 V – 39 V 16 – 500 A, 20.6 V – 40 V 5 – 500 A, 10.2 V – 30 V	58 V	90%	0.91
Welding Output				Operating Temperature	
MIG (GMAW) 500 A / 39.0 V at 60% Duty Cycle 400 A / 34.0 V at 100% Duty Cycle	TIG (GTAW) 500 A / 30.0 V at 60% Duty Cycle 400 A / 26.0 V at 100% Duty Cycle	MMA (SMAW) 500 A / 40.0 V at 60% Duty Cycle 400 A / 36.0 V at 100% Duty Cycle	-20°C – 40°C		
Protection Class	Dimensions L x W x H		Weight		
IP23	712 x 325 x 470 mm		58.5 kg		78 kg with COOL 2 water cooler

Ordering Information

Aristo 500ix, CE 0446200880

Delivery includes power source, 3 m mains cable and 5 m return cable incl clamp.

RobustFeed Selection Guide

Wire Feeder	Ordering information	Water-Cooling	Gas flow meter & heater	MMA Outlet	Push-pull	Mechanised MIG	ELP ³⁾	Remote Outlet	Power Source Option
RobustFeed Pulse	0445800894	x						x Wire feeder ²⁾	Aristo 500ix Aristo Mig 4004i Pulse
	0445800891	x	x	x				x Wire feeder ¹⁾	
	0445800892	x	x	x	x	x	x	x Wire feeder ¹⁾	
RobustFeed U6	0445800897	x						x Wire feeder ²⁾	Aristo 500ix Aristo Mig 4004i Pulse
	0445800887	x	x	x				x Wire feeder ¹⁾	
	0445800888	x	x	x	x	x	x	x Wire feeder ¹⁾	

¹⁾ Available remotes M1, AT1 and others.

²⁾ Available remotes, MTA1 CAN, AT1 CAN and others.

³⁾ ELP, feature needed for use with legacy equipment, for example COOL 1.

Aristo® 500ix Accessories

MULTI-PROCESS machines

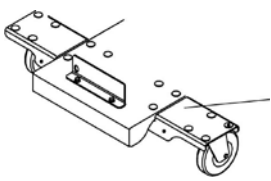
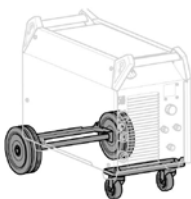
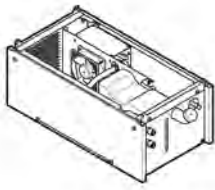


Options & Accessories			
COOL 2 Cooling Unit	0465427880	Stabiliser kit for Counterbalance Arm	0465509880
Coolant 10 L	0465720002	Wheel Kit, power source	0465416880
Trolley (RobustFeed/Warrior Feed/Aristo Feed)	0349313450	RobustFeed Wheel Kit	0446081880
Trolley Retrofit Kit RobustFeed ¹⁾	0349313100	Torch Strain Relief RobustFeed	0446082880
Guide Pin Extension Kit ²⁾	0465508880	Liquid Cooling Kit RobustFeed (to upgrade gas-cooled feeders)	0446123880
Counterbalance Arm ³⁾	0458705880	Quick Connector Marathon Pac	F102440880
MIG Torches	3 m	4 m	5 m
PSF 415, with Euro Connection	0700025040	0700025041	0700025042
PSF 515, with Euro Connection	0700025050	0700025051	0700025052
PSF 420W, with Euro Connection	0700025060	0700025061	0700025062
PSF 520W, with Euro Connection ⁴⁾	0700025070	0700025071	0700025072
TIG Torches			
See separate page on the SR-B TIG torches range.			

¹⁾ To fit RobustFeed on older Trolley 0465510880.

²⁾ Extension Kit required when Wire Feeder Wheel Kit is used in combination with Trolley.

³⁾ Not for use with RobustFeed. Counterbalance Arm requires Trolley 0349313450 and Stabiliser kit 0465509880.

⁴⁾ With dual-circuit cooling system for less heat, better wire feedability and fewer production stops to change wear parts.

 <p>Stabiliser Kit for Counterbalance Arm ³⁾ Part Number: 0465509880</p>	 <p>Wheel Kit Part Number: 0465416880</p>	 <p>COOL 2 Cooling Unit Part Number: 0465427880</p>	 <p>Counterbalance Arm ³⁾ Part Number: 0458705880 Not for use with RobustFeed</p>
			
<p>Trolley Part Number: 0349313450 RobustFeed</p>			

Aristo® Mig U4000iw/5000i/U5000i

Advanced synergic multi-process welding machines



esab.com/digital


WeldCloud



- The updated Aristo Mig power sources provide substantially improved arc welding performance, and it's designed for high-productivity and high-quality welding applications
- Professional TIG DC welding with U4000iw and U5000iw, additional features; high frequency, LiftArc™ striking and TIG pulse-welding with DC
- 5000i/U5000i integrates fully with ESABs industry-leading WeldCloud™ online data management platform via Wi-Fi, mobile cellular or hard-wired Ethernet communication
- Advanced pulse functionality reduces heat input and minimises spatter
- Up to 250 pre-programmed synergic lines (U8₂ Plus)
- Easily transfer weld data between machines and PC by storing data to an USB stick
- QSet™ intelligent welding system
- TrueArcVoltage™ system measures the correct arc voltage at the contact tip (together with ESAB torches)

MULTI-PROCESS machines

Specifications

Input Voltage	Setting Range (5000i/U5000i)		Rated kVA	Fuse Slow	Efficiency @ Max Current	Power Factor @ Max Current
3 x 400 V / 460 V, 3ph, 50/60 Hz (460 V 5000i/U5000i only)	MIG (GMAW/FCAW) MMA (SMAW) TIG (GTAW)	16 – 500 A, 8 – 60 V 16 – 500 A 4 – 500 A	25.2 kVA	32 A	87%	0.91
Welding Output	Control Voltage	Open Circuit Voltage (5000i/U5000i)		Operating Temperature		Energy Saving Mode
500 A / 40 V at 100 % Duty Cycle 400 A / 36 V at 60% Duty Cycle	42 V	MIG (GMAW) MMA (SMAW)	72 – 88 V (59 V VRD) 68 – 80 V (< 35 V VRD)	-10°C – 40°C		70 W
Mains Cable	Protection Class	Dimensions L x W x H		Weight		
4x8 AWG (4x6 mm ²)	IP23	610 x 250 x 445 mm 625 x 394 x 776 mm w/cooling unit		U4000iw 84 kg w/cooling unit	5000i 81 kg 101 kg w/cooling unit	U5000i 62 kg 82 kg w/cooling unit

Ordering Information

Aristo Mig U4000iw	0458625885	Aristo Mig 5000i 400 V CE,integrated W8 ₂ and WeldCloud *	0445400880
Aristo Mig 5000i 400 V CE	0459230880	Aristo Mig 5000iw 400 V CE,integrated W8 ₂ and WeldCloud *	0445400881
Aristo Mig 5000iw 400 V CE	0459230881	Aristo Mig U5000iw 400 V CE,integrated W8 ₂ and WeldCloud *	0445400883
Aristo Mig U5000iw 400 V CE	0459230883		

* For more information on WeldCloud online weld management platform, please see WeldCloud fact sheet or visit esab.com/digital for ESAB Digital Solutions.

Delivery includes power source, 5m mains cable incl. plug and 5 m return cable incl. earth clamp.

Aristo® Mig 4004i Pulse & U4000iw/5000i/U5000i Accessories

MULTI-PROCESS machines

RobustFeed Selection Guide									
Wire Feeder	Ordering information	Water-Cooling	Gas flow meter & heater	MMA Outlet	Push-pull	Mechanised MIG	ELP ³⁾	Remote Outlet	Power Source Option
RobustFeed Pulse	0445800894	x						x Wire feeder ²⁾	Aristo 500ix Aristo Mig 4004i Pulse
	0445800891	x	x	x					
	0445800892	x	x	x	x	x	x	x Wire feeder ¹⁾	
RobustFeed U6	0445800897	x						x Wire feeder ²⁾	Aristo 500ix Aristo Mig 4004i Pulse
	0445800887	x	x	x					
	0445800888	x	x	x	x	x	x	x Wire feeder ¹⁾	

¹⁾ Available remotes M1, AT1 and others.

²⁾ Available remotes, MTA1 CAN, AT1 CAN and others.

³⁾ ELP, feature needed for use with legacy equipment, for example COOL 1.

Options & Accessories			
Additional Wire Feeders			
Aristo Feed 3004w, U6 Encl. 10 pole	0460526896	Aristo U ₈ complete incl. Holder	0460820880
Aristo Feed 3004w, M0 Encl. 10 pole	0460526891	Aristo U ₈ Plus complete incl. Holder	0460820881
Aristo YardFeed 2000w, U6 Encl. 10 pole	0459906896	Control cable extension U ₈ 7.5 m	0460877891
Wire Feeders Options & Accessories			
Strain Relief for Welding Torch	0457341881	Spool Cover	0458674880
Strain Relief for Interconnection Cables	0459234880	Spool Cover, Steel	0459431880
Lifting Eye	0458706880	Adaptor for Spool Diameter 440 mm	0459233880
Adaptor for 5kg Spool	0455410001	Wheel Kit for Feeder	0458707880
Power Source Options & Accessories			
Quick Connector Marathon Pac	F102440880	PP Connection Kit, remote WFS	0459681881
Remote Control MTA1 CAN	0459491880	COOL 1 Water Cooler	0462300880
Remote Control MT1 10Prog. CAN	0459491882	COOL 1 Flow Guard	0456855881
Remote Interconnection Cable 5 m	0459960880	Coolant 10 L	0465720002
Remote Adaptor Kit Miggytrac/Railtrac	0459681880	Retrofit Mig 4004i WeldCloud	0445302881
PP Connection Kit, basic	0459020883	USB Memory 2GB for WeldCloud	0462062001
Trolleys, Trolley Options & Accessories			
Trolley 4-wheel U4000iw/5000i/U5000i	0458530880	Trolley, 2-wheel (3001i/4004i/5004i for YardFeed)	0460564880
Trolley 4-wheel U4000iw/5000i/U5000i for Counterbalance Arm, Dual Feeder use and/or 2 gas bottles	0458603880	Counterbalance Arm ¹⁾	0458705880
Trolley 4 wheel, 4004i Pulse.	0349313450	Bracket Kit for assembling power source to 2/4-wheel trolley	0461310880
		Stabiliser Kit for Counterbalance Arm	0460946880
		Adaptor kit for Dual Feeder use with U4000i/5000i/U5000i	0459546880
MIG Torches		3 m	4 m
PSF 415, with Euro Connection	0700025040	0700025041	0700025042
PSF 515, with Euro Connection	0700025050	0700025051	0700025052
PSF 420W, with Euro Connection	0700025060	0700025061	0700025062
PSF 520W, with Euro Connection ²⁾	0700025070	0700025071	0700025072
TIG Torches			
See separate page on the SR-B TIG torches range.			

* RobustFeed Pulse/U6 with push-pull has support for remote control and mechanisation with Miggytrac/Railtrac.

¹⁾ Requires Trolley 0349313450 and Stabiliser Kit 0460946880 and Bracket Kit 0461310880.

²⁾ With dual-circuit cooling system for less heat, better wire feedability and fewer production stops to change wear parts.

Aristo® Mig 4004i Pulse & U4000iw/5000i/U5000i Accessories

Aristo Mig 4004i Pulse Accessories



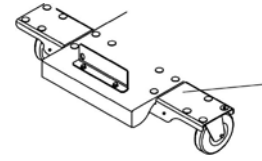
COOL 1 Water Cooler

Part Number: 0462300880



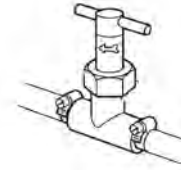
Trolley for Aristo Mig 4004i Pulse

Part Number: 0349313450



Stabliser Kit for Counterbalance Arm

Part Number: 0465509880



COOL 1 Flow Guard

Part Number: 0456855881

MULTI-PROCESS machines

Aristo Mig U4000iw/5000i/U5000i Accessories



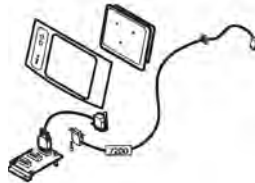
Multi Voltage Unit, Wide Body

Part Number: 0459145880

Handle incl. mounting screws for separate installation

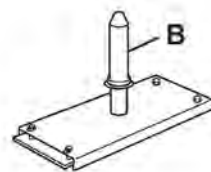
Two handles are needed

Part Number: 0459307881



MMC kit for MMC panel mounted in power source

Part Number: 0459579880

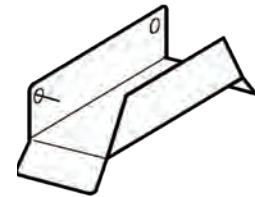


**Guide Pin (if no Trolley)
For use with Feed 3004 only**

Part Number: 0458731880

Insulating Bushing (b), included in guide Pin

Part Number: 0278300401



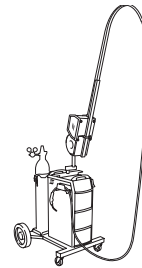
Cable Holder Kit

Part Number: 0349302303



Trolley

Part Number: 0458530880



Trolley

Part Number: 0458603880 For Counterbalance Arm and/or 2 gas bottles

Warrior™ EDGE 500 CX

Powerful multi-process welding power source



WeldCloud

- Warrior Edge 500 CX is an easy-to-use, high-performing and connected multi-process welding machine
- Featuring integrated WeldCloud connectivity, the wire feeder RobustFeed Edge offers increased productivity and improved quality management, with wire and gas consumption tracking
- Equipped with TrueFlow, ESAB's digital gas flow control system, RobustFeed Edge effectively manages consumable resources, both in starts and while welding, thus reducing overall resource consumption
- Additional features include an adaptive optimized pulse MIG process that compensates for operator variation with an easy, user-friendly setup designed to achieve excellent weld results
- Fit for purpose weld mode SPEED that provides a focused arc that allows the welder to better and easier handle the weld puddle at higher travel speeds thus increasing the productivity
- Integrated, 1.4 kW high performance cooling unit

MULTI-PROCESS machines

Specifications						
Mains Voltage	Setting Range		Standby Power	Open Circuit Voltage	Efficiency at Max Current	Power Factor at Max Current
380 -460 V ±10%, 3ph, 50/60 Hz	MIG (GMAW/FCAW) MMA (SMAW) TIG (GTAW)	16 A/14.8 V - 500 A/39 V 16 A/20.6 V - 500 A/40 V 5 A/10.2 V - 500 A/30 V	43 W	54.8 V	89% (MMA) 88% (MIG/MAG)	0.91 (MMA) 0.93 (MIG/MAG)
Welding Output				Application Class	Insulation Class	Certification Mark
GMAW (MIG/MAG) 500 A / 39.0 V at 60% Duty Cycle 400 A / 34.0 V at 100% Duty Cycle	SMAW (Stick) 500 A / 40.0 V at 60% Duty Cycle 400 A / 36.0 V at 100% Duty Cycle	GTAW (TIG) 500 A / 30.0 V at 60% Duty Cycle 400 A / 26.0 V at 100% Duty Cycle		S	H	CE
Enclosure Class	Operating Temperature	Dimensions L x W x H	Weight			
IP23	-20°C - +55°C	700 x 325 x 680 mm	85 kg			

Ordering Information	
Warrior Edge 500 CX, 380-460 V, CE	0446300880
Warrior Edge 500 CX II (incl. SPEED), 380-460 V, CE	0446300884

Wire Feeder & Control Panel	
RobustFeed Edge BX, Water-cooled, Euro	0446600880
RobustFeed Edge CX, Water-cooled, Digital Gas Control, Heater, Euro	0446600881

For complete list of wear and spare parts please see separate manual.

Warrior™ EDGE 500 CX Accessories


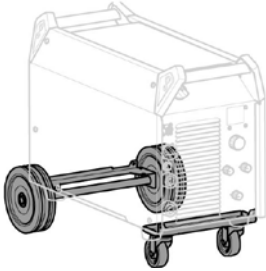
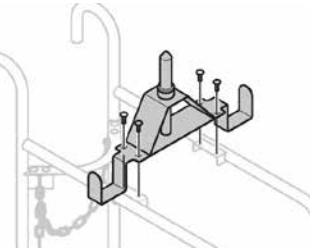

MULTI-PROCESS machines

Options & Accessories			
Coolant 10 l.	0465720002	Torch Holder Assembly RobustFeed	0446958880
4-wheel Trolley	0349313450	Torch Strain Relief RobustFeed	0446082880
4-wheel Feeder Trolley for >300 mm Spools	0349313700	Quick Connector Marathon Pac	F102440880
Guide Pin Extension Kit	0465508880	Analogue Remote, 10m	0446870880
Wheel Kit, power source	0465416880	Analogue Remote, 15m	0446870881
RobustFeed Wheel Kit ¹⁾	0446081880	Analogue Remote, 25m	0446870882
Boom Adaptor (Lifting Device)	0446956880		
MIG Torches	3 m	4 m	5 m
Exeor MIG 4.0G2, Gas-Cooled ²⁾	0700025752	0700025753	0700025754
Exeor MIG 4.0G2 CX, Gas-Cooled, Up/down ³⁾	0700025755	0700025756	0700025757
Exeor MIG 4.0W2, Water-Cooled ²⁾	0700025727	0700025728	0700025729
Exeor MIG 4.0W2 CX, Gas-Cooled, Up/down ³⁾	0700025730	0700025731	0700025732
Interconnection Cables	Gas-Cooled		Water-Cooled
Interconnection Cables - 70 mm ² , 2.0 m	0446310880		0446310890
Interconnection Cables - 70 mm ² , 5.0 m	0446310881		0446310891
Interconnection Cables - 70 mm ² , 10.0 m	0446310882		0446310892
Interconnection Cables - 70 mm ² , 15.0 m	0446310883		0446310893
Interconnection Cables - 70 mm ² , 20.0 m	0446310884		0446310894
Interconnection Cables - 70 mm ² , 25.0 m	0446310885		0446310895
Interconnection Cables - 70 mm ² , 35.0 m	0446310886		0446310896
Interconnection Cables - 95 mm ² , 2.0 m	0446310980		0446310990
Interconnection Cables - 95 mm ² , 5.0 m	0446310981		0446310991
Interconnection Cables - 95 mm ² , 10.0 m	0446310982		0446310992
Interconnection Cables - 95 mm ² , 15.0 m	0446310983		0446310993
Interconnection Cables - 95 mm ² , 20.0 m	0446310984		0446310994
Interconnection Cables - 95 mm ² , 25.0 m	0446310985		0446310995
Interconnection Cables - 95 mm ² , 35.0 m	0446310986		0446310996

¹⁾ Extension Kit 0465508880 required when Wire Feeder Wheel Kit is used in combination with Trolley 0349313450.

²⁾ Torch with enhanced cooling performance.

³⁾ Torch with enhanced cooling performance. Includes Torch LED light and CX remote module for JOB selection / WFS / V.

 <p>Trolley</p> <p>Part Number: 0349313450 RobustFeed</p>	 <p>Wheel Kit</p> <p>Part Number: 0465416880</p>	 <p>Guide Pin Extension Kit</p> <p>Part Number: 0465508880 Extension Kit required when Wire Feeder Wheel Kit is used in combination with Trolley.</p>	 <p>Quick Connector Marathon Pac</p> <p>Part Number: F102440880 Allows connection of QCA Adaptor to inlet.</p>
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// LIGHT INDUSTRY PRODUCT



Rogue EMP 210 PRO

Portable multi-process MIG/MAG welding package



MULTI-PROCESS machines

- True multi-process with Synergic MIG, Manual MIG, MIG Brazing, Flux-Cored, Lift TIG, and MMA (including 6010)
- Intuitive 5.0 in TFT screen offers clear views with direct interaction
- Synergic Weld Programs – full range of welding parameters, 0.5 – 10.0 mm with single knob control
- Power Factor Correction (PFC) – ensures a stable arc, resistant to power fluctuations even while working on long extension cables up to 100 m
- Unique rugged industrial design – supporting multiple lift points and cable management
- Arc Dynamics – fine tune arc characteristics for a crisp/stiff arc for carbon steel or a smooth/soft arc for stainless steel
- Jobs – 10 memory save/recall function
- Spool Gun Ready – Rogue automatically configures set up when spool gun is connected
- IP23S rated for indoor/outdoor use

Specifications

Mains Voltage	Energy Save Mode	Current Range	Voltage Range	Wire Dimensions	Wire Feed Speed	Max Spool Diameter
230 VAC ± 10%, 1ph, 50/60 Hz	50 W	30 - 210 A	12 - 26 V	0.6 – 1.0 mm	2.0 – 16.5 m/min	100 mm, 200 mm
Welding Output			Efficiency at Max Current	Power Factor at Max Current	Operating Temperature	
MIG (GMAW) 210 A / 24.5 V @ 30% 136 A / 20.8 V @ 60% 105 A / 19.2 V @ 100%	MMA (SMAW) 180 A / 27.2 V @ 30% 116 A / 24.7 V @ 60% 90 A / 23.6 V @ 100%	TIG (GTAW) 210 A / 18.0 V @ 30% 136 A / 15.4 V @ 60% 105 A / 14.2 V @ 100%	> 82%	0.99	-10°C – +40°C	
Open Circuit Voltage	Protection Class	Certification Mark (Standards)	Dimensions L x W x H, top handle		Weight	
78 VDC	IP23S	CE	590 x 220 x 385 mm		16.7 kg	

Ordering Information

Rogue EMP 210 PRO Welding System 0700301092

Delivery includes: 210A multi-process power source with mains cable 16 A plug 3 m, MXL 201 MIG Torch Euro 3 m, Return cable kit, OKC 35-50 16 mm², 3 m, Electrode holder Handy 200A heavy duty 50 mm OKC 3 m, Gas Hose with quick connect/open 4.5 m, ESAB OK AristoRod 12.50 0.8 mm 1 kg, ESAB GoldRox Electrode, 2.5x350 mm 1 kg, Feed rolls 0.6/0.8 mm V (fitted), 0.8/0.9 mm V and 0.8/0.9 mm VK, Safety instruction.

Options & Accessories

Trolley 2-wheel with cylinder support	0460330881	Electrode holder, Handy 200A, heavy duty 50 mm OKC, 3 m	0700006900
Gas Hose, quick connect/open, 4.5 m	0349312105	TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
Return cable kit, OKC 50, 3 m	0700006901	MMA 4 Analogue Remote Control incl. 10 m (33 ft) cable and 8-pin connector	0700500084
Torch			
MXL 201 Gas-cooled Torch with Euro Connection, 3 m	0700025220	SR-B 17V Torch, Air, OKC 50, 4 m	0700025514
MXL 201 Gas-cooled Torch with Euro Connection, 4 m	0700025221	SR-B 17V Torch, Air, OKC 50, 8 m	0700025515
Tweco SGT250 Spool Gun 8 m	W4011250	SR-B 26V Torch, Air, OKC 50, 4 m	0700025522
		SR-B 26V Torch, Air, OKC 50, 8 m	0700025523

For complete list of wear and spare parts please see separate manual.

Rustler MIG PRO

Thoughtfully designed MIG welding inverter



Rustler EM 350C PRO Synergic

- Produce more with a high output current and duty cycle
- Intuitive panel with direct access to job settings reduces adjustment times
- Durable housing with flexible accessories storage makes machine an easy to move workstation
- Inspection window and light in the compartment for better visibility and less downtime
- Superb arc characteristics, optimized for most common base materials results in less post-weld rework
- Premium 4WD (Ø 38 mm) feeding mechanism for stable performance and long parts life
- Built-in MMA welding mode gives flexibility to weld different types of base materials

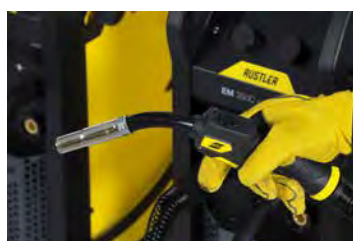
Specifications	Rustler EM 280C PRO	Rustler EM 350C PRO	Rustler EM 350C PRO Synergic
Mains Voltage	400 V ± 15%, 3Ph, 50/60 Hz	380 - 415 V 3Ph ± 10% 50/60 Hz	400 V ± 15%, 3Ph 230 V ± 15%, 3Ph, 50/60 Hz
Welding Output MIG	280 A @ 40%	350 A @ 40%	350 A @ 40%
Welding Output, MMA	250 A @ 40%	320 A @ 40%	320 A @ 40%
Setting Range MIG	40 A / 16 V – 280 A / 28 V	30 A / 15.5 V – 350 A / 31.5 V	30 A / 15.5 V – 350 A / 31.5 V
Setting Range MMA	20 A / 20.8 V – 250 A / 30 V	20 A / 20.8 V – 320 A / 32.8 V	20 A / 20.8 V – 320 A / 32.8 V
Wire feed speed range	1.5 – 22 m/min		
Primary Current I max MIG/MAG	17.6 A	20.6 A	20.6 A
Primary Current I max MMA	11.1 A	13 A	13 A
Enclosure Class	IP23	IP23	IP23
Idle Power	< 50W	< 50W	< 50W
Mains Cable Ø mm2, length m	4 x 2,5 mm2, 4 m	4 x 2,5 mm2, 4 m	4 x 2,5 mm2, 4 m
Operating Temperature	-10°C – +40°C		
Certification Mark (Standards)	CE/UKCA		
Dimensions	977 × 487 × 800 mm		
Weight	54 kg	57.5 kg	61 kg

Ordering Information		
Description	Power source	Power source + Toolbox + Torch PSF 315, 4 m
Rustler EM 280C PRO	0448280990	A448280890
Rustler EM 350C PRO	0448350991	A448350891
Rustler EM 350C PRO Synergic	0448350992	A448350892

Delivery includes Power source with 4 m input cable 3Ph 16A plug, 3 m work lead, gas hose with quick connector 4 m, drive rolls for 0.9/1.0 and 1.2 mm wire.



Best in class wire feeding mechanism



Exeor MIG Torch with remote control



Optional top toolbox for accessories

Rustler MIG PRO

Options & Accessories			
Top Storage Toolbox	0448156880	Electrode holder kit, Handy 300, OKC 50, 3 m	0700006902
User Interface Protective Cover	0448157880	Electrode holder kit, Handy 300, OKC 50, 5 m	0700006888
CO2 heater KIT	0700401024	Quick Connector Marathon Pac	F102440-880
Torch			
MIG Torch Exeor 315 R4, Remote, 4 m	0700026114	MIG Torch PSF 315, 4 m	0700025031
MIG Torch PSF 315, 3 m	0700025030	MIG Torch PSF 315, 5 m	0700025032
Wear & Spare Parts	Groove / Side 1	Groove / Side 2	Part Number
Feed Roller V-Groove for Fe/SS/Cored Wire			
Feed Roller V Groove	0.6 mm	0.8 mm	0445850001
Feed Roller V Groove	0.8 mm	0.9 / 1.0 mm	0445850002
Feed Roller V Groove*	0.9 / 1.0 mm	0.9 / 1.0 mm	0445850003
Feed Roller V Groove	0.9 / 1.0 mm	1.2 mm	0445850004
Feed Roller V Groove	1.2 mm	1.2 mm	0445850005
Feed Roller V-Groove for Cored Wire			
Feed Roller V-K Groove	0.9 / 1.0 mm	1.2 mm	0445850030
Feed Roller V-K Groove	1.2 mm	1.2 mm	0445850031
Feed Roller V-K Groove	1.2 mm	1.4 mm	0445850032
Feed Roller V-Groove for Cored Wire			
Feed Roller U Groove	0.8 mm	1.0 mm	0445850050
Feed Roller U Groove	1.0 mm	1.2 mm	0445850051
Feed Roller U Groove	1.2 mm	1.6 mm	0445850052
Wire Guide	Inlet Nozzle	Middle Nozzle	Outlet Nozzle
Outlet Wire Guide for Fe/SS/C 0.6–1.6 mm	0445822001	0446080882	0445830881
Outlet Wire Guide for Al 0.8–1.6 mm	0445822001	0446080881	0445830885

* Included in delivery.

For complete list of wear and spare parts please see separate manual.

Feature	Rustler PRO	Rustler PRO Synergic
MIG Manual	■	■
MIG Synergic		■
Spot Welding	■	■
MMA-mode	■	■
2T/4T	■	■
Inductance	■	■
Pre Flow	■	■
Creep Start	■	■
Burnback	■	■
Crater Fill	■	■
Post Flow	■	■
Fix Quick Jobs	■	■
Material Thickness Setting		■



CUT MASTER
70+

POWERED BY THERMAL DYNAMICS

CUT MASTER 70+
70A
MAX 17.4 Amp
1.25

UNRIVALED SERVICE AND SUPPORT.

All ESAB products are backed by our commitment to superior customer service and support. Our skilled customer service department is prepared to quickly answer any questions, address problems, and help with the maintenance and upgrading of your machines. And our products are backed with the most comprehensive warranty in the business.

With ESAB, you can be sure you purchased a product that will meet your needs today and in the future. Product and process training is also available. Ask your ESAB sales representative or distributor for a complete ESAB solution.

For more information please visit esab.com.



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