



FIERCELY TESTED.
JOB SITE READY.

ROBUST
FEED



DIRT. DROPS. MUD. RAIN. GAME ON. YOU ARE A WELDER,
AND YOU ARE NOT AFRAID TO GET YOUR HANDS DIRTY.
YOU WORK IN THE TOUGHEST CONDITIONS, AND YOU
NEED EQUIPMENT YOU CAN TAKE ANYWHERE. THAT IS
WHY WE CREATED ROBUSTFEED – OUR MOST DURABLE,
ERGONOMIC, AND HIGH-PERFORMING WIRE FEEDER YET.

ULTIMATE DURABILITY INSIDE AND OUT.

EXTERNAL PROTECTION.

Impact-proof – RobustFeed's double-walled design with special impact zones is perfect for enduring daily use in tough conditions. Drop it, drag it, throw it around – RobustFeed can take it.

Weather-proof – Extreme elements are no problem for RobustFeed. It works in freezing cold temperatures, and it is the only portable wire feeder with an IP54 rating for superior protection against dirt, mud, splashes, and even heavy rain.

Sun-proof – RobustFeed will keep working in temperatures up to 55 °C, and its bright front display is readable in even the sunniest conditions.



INTERNAL PROTECTION.

Shielded connections – Superior protection for the interconnection cable and all connectors inside the housing helps prevent broken cables when moving around and creates the best strain-relief solution on the market.

Shielded spools – RobustFeed protects the filler metal inside the unit like no other feeder, and the offshore version includes a heat kit to always keep the spool dry.

Shielded electronics – A dust-protected compartment protects the internal components even while the feeder is open, and special cable connections protect the feeder against short circuits in both the torch and the interconnection cables.



RUGGED AND READY FOR ANYTHING.

UNRIVALLED PORTABILITY.

RobustFeed has three comfortable handles (all are crane certified) and two additional lifting points for best-in-class portability and manoeuvrability, making it easy to lift and carry through confined spaces and around obstacles. Rounded edges and special high-durability wear surfaces let you drag it anywhere without catching on other objects. The optional flat and vertical wheel kits and trolley integration allow for even greater mobility. The new design can handle power source cables up to 100 metres long, so you will always get to where you need to weld – in the shop or the field.



UNMATCHED PERFORMANCE.

The PreciDrive wire delivery system combines high precision, power and reliability to feed solid wires up to 2.0 mm and cored wires up to 2.4 mm. The PreciDrive drive stand is operator-friendly, featuring toolless wear part replacement, LED lights and safe wire changeover that does not require opening the pressure arms. When it comes to power, RobustFeed easily handles 550 A at 50% duty cycle, 500 A at 60%, and 400 A at 100%, enabling productivity that few other portable feeders can provide.



PRECIDRIVE



UNBEATABLE USABILITY.

Streamlined display – RobustFeed's clear and bright front panel display contains only the most important settings, keeping the other settings well protected inside the housing.

Easy-to-use controls – Large, distinct knobs and push buttons make it easy to operate the unit – even while wearing thick welding gloves.

Integrated gas flow – RobustFeed comes with an integrated gas flow meter inside the unit (offshore version), allowing for quick gas flow adjustments.

Onboard settings – Seamlessly control all weld settings right from the wire feeder, no matter where your power source is located.

Maintenance-friendly – RobustFeed's design allows for quick access to the electronics and motor for easy service and repair, and the tool-less wire feeding system makes spool changeouts quick and wire setup simple.

Flexible performance – Works in both vertical and horizontal alignment with the ability to rotate the display 90 degrees to adjust your viewing angle. The horizontal wheel kit gives the feeder a low, stable profile.



ROBUST CC/CV SOLUTIONS.

WARRIOR™ 400i, 500i, AND 750i WITH ROBUSTFEED PRO.

Warrior is the reliable multi-process power source designed for heavy-duty productivity with up to 500 A of output. Paired with RobustFeed Pro, it is the most durable and dependable combination for heavy-duty MIG (GMAW) welding with stick (MMA), TIG (GTAW), and gouging capabilities.

Warrior 750i CC/CV is the ideal solution for ultimate gouging capabilities. It features optimised performance for 16 mm electrodes and an 850 A maximum output.

Inverter technology – Warrior delivers the outstanding portability, arc performance, and energy savings you expect from an inverter.

High duty cycle – Warrior is capable of 400 A, 500 A, or 820 A output at 60% duty cycle for long welding runs across a variety of applications.

Durable and rugged – Warrior has a sturdy design with thick metal side panels, double bent sides, and large feet that provide clearance, making it fit for use in tough indoor and outdoor environments.

Easy to move – Warrior has ergonomic handles that are rated and marked for crane lifting, providing easy logistics. Warrior 750i's feet also provide a safe lifting area for moving with a forklift.

Simple to use – A clear and intuitive user interface with glove-friendly knobs makes setting adjustments quick and easy.



WARRIOR™ 500i AND
ROBUSTFEED PRO

WARRIOR™ 750i CC/CV
AND ROBUSTFEED PRO

ROBUST PULSE SOLUTIONS.

ARISTO® 500ix WITH ROBUSTFEED PULSE OR ROBUSTFEED U6.

Aristo 500ix is a portable heavy industrial pulse power source with a rugged and reliable mechanical design. Together with RobustFeed Pulse or RobustFeed U6, this is the ultimate portable and durable combination for advanced heavy-duty pulsed welding applications.

Advanced pulse functionality – Aristo's control panel allows for precise adjustment of welding parameters to reduce heat input and minimise spatter.

Automated weld optimisation – With preprogrammed synergic lines for a wide variety of steel, stainless, and aluminium wires, Aristo automatically adjusts welding parameters based on user input to ensure weld quality.

Rugged and easy to move – Aristo 500ix shares the sturdy, reliable design from Warrior, making it ideal for use both in the shop and out in the field. It also features ergonomic handles that are rated and marked for mechanised lifting to provide easy logistics.

Multi-process from the point of weld –

Aristo 500ix's multi-process capabilities, including stick (MMA) and gouging, can be operated from the wire feeder. This eliminates the need for additional welding cables and allows the operator to control all settings, even if far away from the power source.

Simple to use – The clear and intuitive user interface has glove-friendly knobs for easy adjustments, including QSet™ technology for automatic short arc parameter setup.



ROBUSTFEED PULSE

**ARISTO® 500ix AND
ROBUSTFEED U6**

ROBUSTFEED SELECTION GUIDE.



**ROBUSTFEED
PRO**

**ROBUSTFEED
PULSE**

**ROBUSTFEED
U6**

red**dot** winner 2021

SPECIFICATIONS	ROBUSTFEED PRO	ROBUSTFEED PULSE, ROBUSTFEED U6 AND U82
Input Voltage	42 VAC	42 VAC
Welding Output	550 A @ 50% 500 A @ 60% 400 A @ 100%	630 A @ 35% 500 A @ 60% 400 A @ 100%
Wire Dimensions Mild Steel Stainless Steel Cored Wire Aluminium	0.6–2.0 mm 0.6–1.6 mm 0.9–2.4 mm 0.9–1.6 mm	0.6–1.6 mm 0.6–1.6 mm 0.8–2.0 mm 0.8–1.6 mm
Wire Feed Speed	0.8–25.0 m/min.	0.8–25.0 m/min.
Wire Spool Capacity	20 kg	20 kg
Max Spool Diameter	300 mm	300 mm
Operating Temperatures	-20 °C to +55 °C	-20 °C to +55 °C
Protection Class	IP54	IP54
Certification Mark (standards)	CE	CE
Dimensions (L x W x H)	595 x 250 x 430 mm	595 x 250 x 430 mm
Weight	16.8 kg	16.7 kg

* RobustFeed was awarded the Red Dot Design award for product design.

PANEL FUNCTIONS	ROBUSTFEED PRO	ROBUSTFEED PULSE	ROBUSTFEED U6	ROBUSTFEED U82
MIG CV	X	X	X	X
MIG Pulse		X	X	X
Synergic Lines		S, Ss, Al 93 lines	S, Ss, Al 92 lines	S, Ss, Al 253 manual & 68 robotic
TIG	At power source		X	X
MMA	At power source	MMA controls and outlet on wire feeder*	MMA controls and outlet on wire feeder*	MMA controls and outlet on wire feeder*
Gouging	At power source		Gouging controls and outlet on wire feeder*	Gouging controls and outlet on wire feeder*
Gas Flow Meter	X*	X*	X*	X*
Heat Kit	X*	X*	X*	X*
2T/4T	X	X	X	X
Hot Start		X	X	X
Creep Start	X	X	X	X
Crater Fill	X	X	X	X
Burnback	Auto (solid/cored wire switch)	X	X	X
SCT	Auto (solid/cored wire switch)	X	X	X
Gas Pre and Post-flow Setting		X	X	X
QSet		X	X	X
Memory Settings		3	10	255
Amperage Setting		X	X	X
Spot Welding Time			X	X
Setting Limits			X	X (and measure limits)
Code Lock			X	X (and user levels)
Super Pulse (Pulse/Pulse, Pulse/Spray, Pulse/Short)				X
Synergic Line Creation				X
Dual Feeders Set-up				X
Push-Pull Support		X*	X*	X*
MechMig Support		X*	X*	X*

*Depending on variant.



**ROBUSTFEED
PRO**



**ROBUSTFEED
PULSE**



**ROBUSTFEED
U6**



**ROBUSTFEED
U82**

SPECIFICATIONS AND ORDERING INFORMATION.

POWER SOURCE MODEL	WARRIOR 400i	WARRIOR 500i	WARRIOR 750i CC/CV	ARISTO 500ix
Mains Input	380–415 V, 3ph, ±10%, 50/60 Hz	380–415 V, 3ph, ±10%, 50/60 Hz	380–460 V, 3ph, ±10%, 50/60 Hz	380–460 V, 3ph, ±10%, 50/60 Hz
Fuse Slow	25 A	32 A	80 A	32 A
Generator Minimum Rated Power (AVR)	40 kW	40 kW	75 kW	40 kW
Permissible Load Air Arc Gouging MIG / MMA / TIG 35% Duty Cycle 60% Duty Cycle 100% Duty Cycle	– 400 A 300 A	– 500 A 400 A	850 A 820 A 750 A	– 500 A 400 A
Efficiency at Max Current MIG	90%	90%	91%	90%
Power Factor Max Current MIG	0.91	0.91	0.91	0.91
Energy Save Mode	30 W	30 W	32 W	25 W
Open Circuit Voltage	56 VDC	56 VDC	89 VDC	62 VDC
Open Circuit Voltage VRD Activated	28 VDC	28 VDC	28 VDC	32 VDC
Operating Temperature	-10 °C to +40 °C	-10° C to +40 °C	-10 °C to +40 °C	-20 °C to +40 °C
Dimensions (L x W x H)	712 x 325 x 470 mm	712 x 325 x 470 mm	850 x 415 x 637 mm	712 x 325 x 470 mm
Weight	59 kg	59 kg	101 kg	59 kg
Enclosure Class	IP23	IP23	IP23	IP23
Certification Mark	CE	CE	CE	CE

ORDERING INFORMATION

Wire Feeder	Ordering Number	Water Cooling	Gas Flow Meter & Heater	MMA Outlet	Push-Pull	Mechanised MIG	ELP ³	Remote Outlet	Power Source Options	Ordering Number
	0445800881	X						Optional remote outlet on power source	Warrior 400i CC/CV Warrior 500i CC/CV	0465350884 0465350883
	0445800883	X	X					Standard remote outlet on power source	Warrior 750i	0445555880
Robust Feed Pulse	0445800894	X						X (Wire feeder ²)	Aristo 500ix	0446200880
	0445800891	X	X	X						
	0445800892	X	X	X	X	X	X	X (Wire feeder ¹)		
Robust Feed U6	0445800897	X						X (Wire feeder ²)	Aristo 500ix Aristo U5000iw with Weldcloud	0446200880 0445400883
	0445800887	X	X	X						
	0445800888	X	X	X	X	X	X	X (Wire feeder ¹)		
Robust Feed U8 ⁵	0445800899	X					X		Aristo 500ix Aristo U5000iw with Weldcloud	0446200880 0445400883
	0445800898	X	X	X						
	0445800900	X	X	X	X	X	X	X (Wire feeder ¹)		
Robust Feed U0 ⁶	0445800901	X					X	X (Wire feeder ²)		

1. Available remote M1

2. Available remotes, MTA1 CAN, AT1 CAN and other

3. ELP, feature needed for use with water cooled equipment with ELP, including 4004i Pulse and U5000iw

4. Miggytrac B5001, Railtrac B42V/BV2000

5. Includes U82 Plus pendant

6. Combine with one RobustFeed U82 to have two wire feeders simultaneously connected

OPTIONS AND ACCESSORIES		
Product	Accessories	Ordering Number
RobustFeed	RobustFeed Wheel Kit	0446081880
	Torch Strain Relief	0446082880
	RobustFeed cart for 440 mm coils	0349313700
	Liquid Cooling Kit (to upgrade gas-cooled feeders)	0446123880
	Quick Connector Marathon Pac™	F102440880
Warrior 400i CC/CV Warrior 500i CC/CV Aristo 500ix	4-Wheel Trolley with Swivel Post for Wire Feeder, Torch Holder, Cable Holders	0349313450
	Guide Pin Extension Kit (needed with trolley when wire feeder is equipped with wheel kit)	0465508880
	2 Wheel trolley, including shelf for RobustFeed	0460564880
	Wheel Kit for Power Source	0465416880
	COOL 2 Cooling Unit (Warrior 400i/500i, Aristo 500ix)	0465427880
Warrior 750i CC/CV	Warrior 750i Trolley (air-cooled)	0446398880
	Warrior 750i Trolley (water-cooled)	0446270880
	COOL 2 Stand-Alone (for Warrior 750i)	0465427881
	Adapter Cable from OKC to LUG (to connect interconnection cable sets to Warrior 750i)	0446507880

INTERCONNECTION CABLES WITH STRAIN RELIEF	2.0 M	5.0 M	10.0 M	15.0 M	20.0 M	25.0 M	35.0 M
RobustFeed Pro (Warrior)							
70 mm², Gas-Cooled	0446160880	0446160881	0446160882	0446160883	0446160887	0446160884	0446160885
70 mm², Liquid-Cooled	0446160890	0446160891	0446160892	0446160893	–	0446160894	0446160895
95 mm², Gas-Cooled	0446160980	0446160981	0446160982	0446160983	–	0446160984	0446160985
95 mm², Liquid-Cooled	0446160990	0446160991	0446160992	0446160993	–	0446160994	0446160995
RobustFeed Pulse and U6 (Aristo)							
70 mm², Gas-Cooled	0446255880	0446255881	0446255882	0446255883	0446255884	0446255885	0446255886
70 mm², Liquid-Cooled	0446255890	0446255891	0446255892	0446255893	0446255894	0446255895	0446255896

INTERCONNECTION STRAIN RELIEF KITS	
RobustFeed Pro for Warrior*	0446050880
RobustFeed Pulse/U6 for Aristo**	0446050881

*To upgrade existing Warrior interconnection cable sets to fit with RobustFeed.

**To upgrade existing Aristo interconnection cable sets to fit with RobustFeed.

MIG TORCHES	3 M	4 M	5 M
PSF 415, Air-Cooled	0700025040	0700025041	0700025042
PSF 515, Air-Cooled	0700025050	0700025051	0700025052
PSF 420W, Water-Cooled	0700025060	0700025061	0700025062
PSF 520W, Water -Cooled*	0700025070	0700025071	0700025072

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

READY TO USE WELDING PACKAGES - DELIVERED ASSEMBLED AND PREPARED, THEY ALL INCLUDE 4 WHEEL TROLLEY, TORCH IS OPTIONAL EXCEPT WHERE NOTED										
PACKAGE	POWER SOURCE	WIRE FEEDER	COOLING	INTERCONNECTION CABLE	WF WHEEL KIT*	PACKAGE GIN	READY TO USE, SYSTEM ASSEMBLY AND PREPARATION INCLUDED	WIRE FEEDER FEATURES		
								GAS FLOW METER & HEATER	MMA OUTLET	PUSH-PULL MECH-MIG
400A CC/CV MIG and Multi Process	Warrior 400i CC/CV	RobustFeed Pro	Air	2 m		0479100300	Yes			
				10 m	Included	0479100301				
			Water	2 m		0479100302				
				10 m	Included	0479100303				
500A CC/CV MIG and Multi Process	Warrior 500i CC/CV	RobustFeed Pro Offshore	Air	2 m		0479100310	Yes	X		
				10 m	Included	0479100311				
			Water	No cable		0479100312	Yes, but add cable¹			
				2 m		0479100313	Yes			
				10 m	Included	0479100314	Yes			
750A CC/CV Multi Process	Warrior 750i CC/CV	RobustFeed Pro Offshore	Air	No cable		0479100320	Yes, but add cable¹	X		
				2 m		0479100321	Yes			
			Water	No cable		0479100322	Yes, but add cable¹			
				2 m		0479100323	Yes			
750A CC/CV Multi Process (includes K4000 Gouging torch²)	Warrior 750i CC/CV	RobustFeed Pro Offshore No Feeder	Air	No cable		0479100324	Yes, but add cable¹	X		
500A MIG Pulse and Multi Process	Aristo 500ix	RobustFeed Pulse	Water	No Cable		0479100325	Yes	X	X	
				2 m		0479100330	Yes, but add cable¹			
				10 m	Included	0479100331	Yes			
		RobustFeed U6	Water	No Cable		0479100332	Yes, but add cable¹			
				2 m		0479100333	Yes			
				10 m	Included	0479100334	Yes			
				10 m	Included	0479100335	Yes, but add cable¹			
500A MIG Pulse and Multi Process Weld cloud connected	Aristo 500ix	RobustFeed U82	Water	No Cable		0479100336	Yes, but add cable¹	X		
				2 m		0479100337	Yes			
				10 m	Included	0479100338	Yes			
500A MIG Pulse and Multi Process	Aristo 500ix	RobustFeed U6	Water	No Cable		0479100340	Yes, but add cable¹	X	X	X
			Water	No Cable		0479100341				
500A MIG Pulse Push-pull (includes 8 m MXH 420W PP³)	Aristo 500ix	RobustFeed U82	Water	No Cable		0479100350	Yes, but add cable¹	X	X	X
500A MIG Pulse Push-pull (includes 12 m MXH 420W PP³)	Aristo 500ix	RobustFeed U82	Water	No Cable		0479100351				

1. Choose from the listed interconnection cable set's. The chosen interconnection set will be installed on the system

2. Includes K4000 Torch (2.1 m length + 5 m extension), includes 13 mm gouging electrodes

3. Includes torch and wire feeder wear parts for 1.2 mm AlMg (also includes wire feeder wear parts for 1.0 / 1.2 mm solid/cored steel wire)

4. Assembled on the side of RobustFeed to allow for a stable and low profile configuration

Get the feeder that keeps on feeding. Contact your ESAB distributor to order a RobustFeed package today, and visit esab.com/robust to learn more.

FEED ROLLER WEAR PARTS						
V Groove for Fe/Ss/Cored	Wire Diameters					
Groove / Side 1	0.8	0.9 / 1.0	0.9 / 1.0	1.2	1.4	2.0
Groove / Side 2	0.9 / 1.0	0.9 / 1.0	1.2	1.2	1.6	2.0
GIN	0445850002	0445850003	0445850004	0445850005	0445850006	0445850007
V-K Groove for Cored Wire	Wire Diameters					
Groove / Side 1	0.9 / 1.0	1.2	1.2	1.6	2.0	2.4
Groove / Side 2	1.2	1.2	1.4	1.6	2.0	2.4
GIN	0445850030	0445850031	0445850032	0445850033	0445850035	0445850036
U Groove for Aluminium Wire	Wire Diameters					
Groove / Side 1	0.8	1.0	1.2			
Groove / Side 2	1.0	1.2	1.6			
GIN	0445850050	0445850051	0445850052			

WIRE GUIDE WEAR PARTS	INLET NOZZLE	MIDDLE NOZZLE	OUTLET NOZZLE
Outlet Wire Guide for Fe/Ss/Cored 0.6–1.6 mm	0445822001	0446080882	0445830881
Outlet Wire Guide for Fe/Cored 1.8–2.4 mm	0445822002	0446080883	0445830882
Outlet Wire Guide for Aluminium 0.8–1.6 mm	0445822001	0446080881	0445830885

UNRIVALLED SERVICE AND SUPPORT.

RobustFeed, like every ESAB machine, is 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 maintenance and upgrading of machines.

For more information on RobustFeed, visit esab.com/robust.

3-YEAR WARRANTY.

ESAB's industry-leading service and support means that if customers do need help, they will be protected by the most comprehensive warranty in the business.



THE MACHINES AND METALS YOU NEED.

When choosing a top-performing wire feed unit, you should also choose top-performing ESAB welding machines and filler metals to maximise your investment. Learn more by visiting esab.com.



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