

# RobustFeed PRO

Ultimate Robustness and Portability



**PRECIDRIVE** **SPOOLSAFE**



reddot winner 2021

*RobustFeed PRO*

## Industry

- Marine and Offshore
- Steel Erectors
- Structural Steel Fabrication
- Industrial and General Fabrication
- Hard Surfacing and Cladding
- Repair and Maintenance
- Mobile Equipment
- Pressure Vessels
- Pipeline

The RobustFeed, with its ergonomic, robust and enclosed design, is the ideal partner whenever portability and durability are key. Equipped with a new precision wire drive system with enough power to handle up to 2.0 mm solid wire and 2.4 mm cored wire. Offshore variants available with flow meter and heater included. RobustFeed PRO works with Warrior power sources.

- Durable, drop-proof housing that withstands demanding applications
- Great portability with ergonomic handles, 5 lifting points and safe for crane lifting handles
- Weatherproof, enclosed design that withstands rain from all directions and inside heater ensures the filler metal is kept dry
- Large sun-friendly display and clear controls make set up efficient and easy when wearing gloves
- Protected cable connectors and sturdy strain relief for interconnection cable reduces maintenance
- Works as great in the field as in workshops, on a trolley, with or without wheel kit, and other options and accessories
- PreciDrive wire drive system maintains precision wire feeding performance to promote consistent weld quality
- SpoolSafe - a unique in the market IP54 protection against dirt/dust keeps your wire dry and clean, improves feedability and reduces risk of contaminations of the weld
- The 2021 Red Dot design award winning design provides well-designed ergonomics and intuitive user interface that reduces training needs for operators

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



*Wheel Kit works with feeder horizontal or vertical*

# RobustFeed PRO

Specifications	
Input Voltage	42 VAC
Welding Output	550 A @ 50% 500 A @ 60% 400 A @ 100%
Wire Dimensions Mild Steel Stainless Steel Cored Wire Aluminium	0.6 – 2.0 mm (.023 – 5/64 in.) 0.6 – 1.6 mm (.023 – 1/16 in.) 0.9 – 2.4 mm (.035 – 3/32 in.) 0.9 – 1.6 mm (.035 – 1/16 in.)
Wire Feed Speed	0,8 – 25.0 m/min
Wire Spool Capacity	20 kg
Max Spool Diameter	300 mm
Operating Temperature	-20° to +55°C
Protection Class	IP54
Certification Mark (Standards)	CE
Dimensions L x W x H, incl. top handle	595 x 250 x 430 mm
Weight	16,8 kg

Ordering Information	
RobustFeed Pro, Water	0445800881
RobustFeed Pro Offshore, Water (incl. gas flow meter+heater)	0445800883

*Delivery Includes: Wire feeder with Drive rolls V-groove: 0.9/1.0 mm / 1.2 mm, Wire guides 0.6–1.6 mm, English instruction manual, Quick start guide, Safety instruction.*

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*	0700025070	0700025071	0700025072

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

Interconnection Cables, incl. strain relief				
Length	70mm <sup>2</sup>		95 mm <sup>2</sup>	
	Gas-Cooled	Water-Cooled	Gas-Cooled	Water-Cooled
2 m	0446160880	0446160890	0446160980	0446160990
5 m	0446160881	0446160891	0446160981	0446160991
10 m	0446160882	0446160892	0446160982	0446160992
15 m	0446160883	0446160893	0446160983	0446160993
20 m	0446160887	-	-	-
25 m	0446160884	0446160894	0446160984	0446160994
35 m	0446160885	0446160895	0446160985	0446160995

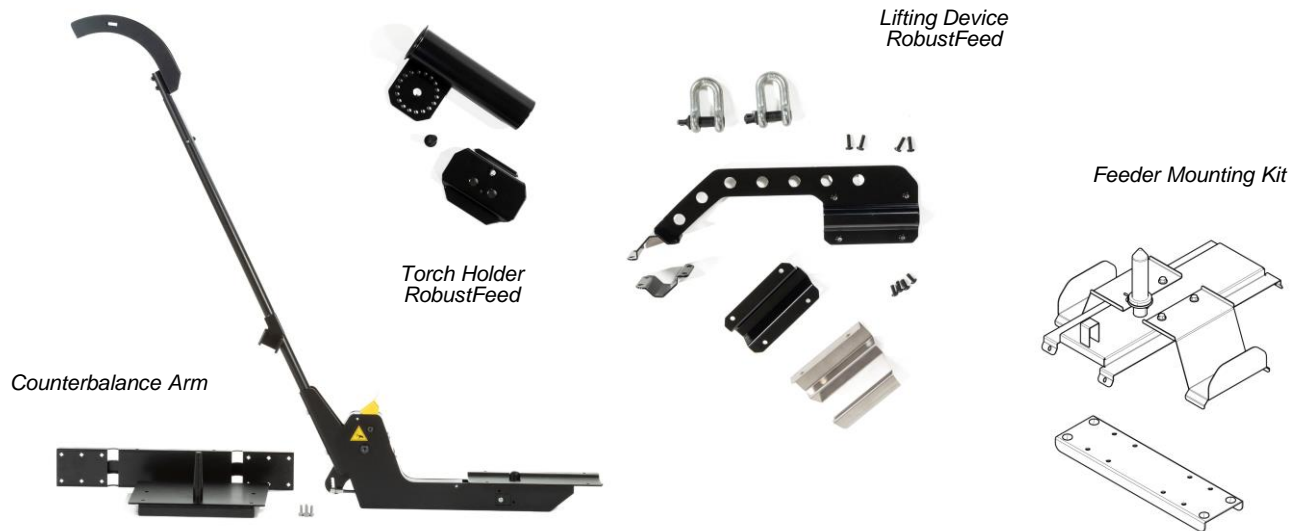
*Interconnection Strain Relief Kit 0446050880, to upgrade existing Warrior interconnection cable sets to fit with RobustFeed*

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Options & Accessories	
4-wheel Trolley, Power Source	0349313450
Counterbalance Arm RobustFeed **	0448181880
Counterbalance Arm Extension Kit for use with 6m and 7.5m torches	0448116880
Stabilizer Kit for Counterbalance Arm **	0460946880
Wheel Kit, Power Source	0465416880
Feeder Mounting Kit, Power Source Assembly incl cable holders	0447518880
RobustFeed Wheel Kit *	0446081880
Guide Pin Extension Kit *	0465508880
Torch Holder RobustFeed	0446958880
Torch Strain Relief RobustFeed	0446082880
Boom Adaptor (Lifting Device)	0446956880
Quick Connector Marathon Pac	F102440880
4-wheel Feeder Trolley for >300 mm Spools	0349313700

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

\*\* Stabilizer Kit 0460946880 required when Counterbalance is used in combination with Trolley 0349313450



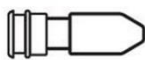
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<b>Wear &amp; Spare Parts</b>			
	<b>Groove / Side 1</b>	<b>Groove / Side 2</b>	<b>Part Number</b>
<b>Feed Roller V-Groove for Fe/SS/Cored Wire</b>			
Feed Roller V Groove	0.6 mm	0.8 mm	0445850001
Feed Roller V Groove	0.8 mm	0.9 / 1.0 mm	0445850002
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	1.4 mm	1.6 mm	0445850006
Feed Roller V Groove	2.0 mm	2.0 mm	0445850007
<b>Feed Roller V-Groove for Cored Wire</b>			
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-K Groove	1.6 mm	1.6 mm	0445850033
Feed Roller V-K Groove	2.0 mm	2.0 mm	0445850035
Feed Roller V-K Groove	2.4 mm	2.4 mm	0445850036
<b>Feed Roller U-Groove for Aluminium Wire</b>			
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
<b>Wire Guide</b>	<b>Inlet Nozzle</b>	<b>Middle Nozzle</b>	<b>Outlet Nozzle</b>
Wire Guide for Fe/SS/C 0.6–1.6 mm	0445822001 *	0446080882 *	0445830881 *
Wire Guide for Fe/C 1.8–2.4 mm	0445822002	0446080883	0445830882
Wire Guide for Al 0.8–1.6 mm	0445822001 *	0446080881	0445830885

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

\* Included in delivery.

Inlet Wire Guide



Middle Wire Guide



Outlet Wire Guide



Dual Groove Feed Roller



V Groove



V-K Groove



U-Groove



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