

# Robust Feed Pro

Ultimate Robustness and Portability



Robust Feed Pro

The Robust Feed, 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. Robust Feed 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

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

## 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



Wheel Kit works with feeder horizontal or vertical



# Robust Feed 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") 0.6 – 1.6 mm (.023"-1/16") 0.9 – 2.4 mm (.035"-3/32") 0.9 – 1.6 mm (.035"-1/16")
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	IP44
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	
Robust Feed Pro	0445800880
Robust Feed Pro, Water	0445800881
Robust Feed Pro Offshore (incl. gas flow meter+heater)	0445800882
Robust Feed Pro Offshore, Water (incl. gas flow meter+heater)	0445800883

Options & Accessories	
Robust Feed Wheel Kit	0446081880
Torch Strain Relief	0446082880
Trolley (Robust Feed/Warrior Feed)	0349313450
Trolley Retrofit Kit Robust Feed *	0349313100
Guide Pin Extension Kit **	0465508880
Liquid Cooling Kit (to upgrade air cooled feeders)	0446123880
Quick Connector Marathon Pac™	F102440880
Gas-Cooled Torches	
PSF 260, with Euro Connection, 3m	0700025020
PSF 260, with Euro Connection, 4m	0700025021
PSF 260, with Euro Connection, 5m	0700025022
PSF 315, with Euro Connection, 3m	0700025030
PSF 315, with Euro Connection, 4m	0700025031
PSF 315, with Euro Connection, 5m	0700025032
PSF 415, with Euro Connection, 3m	0700025040
PSF 415, with Euro Connection, 4m	0700025041
PSF 415, with Euro Connection, 5m	0700025042
PSF 515, with Euro Connection, 3m	0700025050
PSF 515, with Euro Connection, 4m	0700025051
PSF 515, with Euro Connection, 5m	0700025052

\* To fit Robust Feed on previous Warrior Trolley 0465510880

\*\* Extension Kit required when Wheel Kit is used in combination with Trolley.

# Robust Feed Pro

<b>Options &amp; Accessories</b>	
<b>Water-Cooled Torches</b>	
PSF 420W, with Euro Connection, 3m	0700025060
PSF 420W, with Euro Connection, 4m	0700025061
PSF 420W, with Euro Connection, 5m	0700025062
PSF 520W, with Euro Connection, 3m	0700025070
PSF 520W, with Euro Connection, 4m	0700025071
PSF 520W, with Euro Connection, 5m	0700025072
<b>Interconnection Cables</b>	
Interconnection Strain Relief Kit **	0446050880
Interconnection Cables - 70mm <sup>2</sup> , Gas-Cooled, 2.0m, incl. strain relief	0446160880
Interconnection Cables - 70mm <sup>2</sup> , Gas-Cooled, 5.0m, incl. strain relief	0446160881
Interconnection Cables - 70mm <sup>2</sup> , Gas-Cooled, 10.0m, incl. strain relief	0446160882
Interconnection Cables - 70mm <sup>2</sup> , Gas-Cooled, 15.0m, incl. strain relief	0446160883
Interconnection Cables - 70mm <sup>2</sup> , Gas-Cooled, 20.0m, incl. strain relief	0446160887
Interconnection Cables - 70mm <sup>2</sup> , Gas-Cooled, 25.0m, incl. strain relief	0446160884
Interconnection Cables - 70mm <sup>2</sup> , Gas-Cooled, 35.0m, incl. strain relief	0446160885
Interconnection Cables - 70mm <sup>2</sup> , Liquid-Cooled, 2.0m, incl. strain relief	0446160890
Interconnection Cables - 70mm <sup>2</sup> , Liquid-Cooled, 5.0m, incl. strain relief	0446160891
Interconnection Cables - 70mm <sup>2</sup> , Liquid-Cooled, 10.0m, incl. strain relief	0446160892
Interconnection Cables - 70mm <sup>2</sup> , Liquid-Cooled, 15.0m, incl. strain relief	0446160893
Interconnection Cables - 70mm <sup>2</sup> , Liquid-Cooled, 25.0m, incl. strain relief	0446160894
Interconnection Cables - 70mm <sup>2</sup> , Liquid-Cooled, 35.0m, incl. strain relief	0446160895
Interconnection Cables - 95mm <sup>2</sup> , Gas-Cooled, 2.0m, incl. strain relief	0446160980
Interconnection Cables - 95mm <sup>2</sup> , Gas-Cooled, 5.0m, incl. strain relief	0446160981
Interconnection Cables - 95mm <sup>2</sup> , Gas-Cooled, 10.0m, incl. strain relief	0446160982
Interconnection Cables - 95mm <sup>2</sup> , Gas-Cooled, 15.0m, incl. strain relief	0446160983
Interconnection Cables - 95mm <sup>2</sup> , Gas-Cooled, 25.0m, incl. strain relief	0446160984
Interconnection Cables - 95mm <sup>2</sup> , Gas-Cooled, 35.0m, incl. strain relief	0446160985
Interconnection Cables - 95mm <sup>2</sup> , Liquid-Cooled, 2.0m, incl. strain relief	0446160990
Interconnection Cables - 95mm <sup>2</sup> , Liquid-Cooled, 5.0m, incl. strain relief	0446160991
Interconnection Cables - 95mm <sup>2</sup> , Liquid-Cooled, 10.0m, incl. strain relief	0446160992
Interconnection Cables - 95mm <sup>2</sup> , Liquid-Cooled, 15.0m, incl. strain relief	0446160993
Interconnection Cables - 95mm <sup>2</sup> , Liquid-Cooled, 25.0m, incl. strain relief	0446160994
Interconnection Cables - 95mm <sup>2</sup> , Liquid-Cooled, 35.0m, incl. strain relief	0446160995

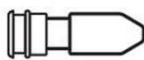
\*\* To upgrade existing Warrior interconnection cable sets to fit with Robust Feed

# Robust Feed Pro

Wear & Spare Parts	
Feed Roller V Groove for Fe/SS/C 0.6-0.8 mm	0445850001
Feed Roller V Groove for Fe/SS/C 0.8-0.9/1.0 mm	0445850002
Feed Roller V Groove for Fe/SS/C 0.9/1.0-0.9/1.0 mm	0445850003
Feed Roller V Groove for Fe/SS/C 0.9/1.0-1.2 mm *	0445850004
Feed Roller V Groove for Fe/SS/C 1.2-1.2 mm	0445850005
Feed Roller V Groove for Fe/SS/C 1.4-1.6 mm	0445850006
Feed Roller V Groove for Fe/SS/C 2.0 mm	0445850007
Feed Roller V-K Groove for C 0.9/1.0-1.2 mm	0445850030
Feed Roller V-K Groove for C 1.2-1.2 mm	0445850031
Feed Roller V-K Groove for C 1.2-1.4 mm	0445850032
Feed Roller V-K Groove for C 1.6-1.6 mm	0445850033
Feed Roller V-K Groove for C 2.0-2.0 mm	0445850035
Feed Roller V-K Groove for C 2.4-2.4 mm	0445850036
Feed Roller U Groove for Al 0.8-1.0mm	0445850050
Feed Roller U Groove for Al 1.0-1.2mm	0445850051
Feed Roller U Groove for Al 1.2-1.6mm	0445850052
Inlet Wire Guide Ø 2 mm for Fe/SS/Al/C 0.6-1.6mm	0445822001
Inlet Wire Guide Ø 3 mm for Fe/C 1.8-2.4 mm	0445822002
Middle Wire Guide for Fe/SS/C 0.6-1.6 mm	0446080882
Middle Wire Guide for Fe/C 1.8-2.4 mm	0446080883
Middle Wire Guide for Al 0.8-1.6 mm	0446080881
Outlet Wire Guide for Fe/SS/C 0.6-1.6 mm	0445830881
Outlet Wire Guide for Fe/C 1.8-2.4 mm	0445830882
Outlet Wire Guide for Al 0.8-1.6 mm	0445830885

Fe = Mild Steel; SS = Stainless Steel, Al = Aluminum, C = Cored Wire \* Included in delivery.  
For complete list of wear and spare parts please see separate manual.

Inlet Wire Guide



Middle Wire Guide



Outlet Wire Guide



Dual Groove Feed Roller



V Groove



V-K Groove



U-Groove



ESAB / [esab.com](http://esab.com)

