

# RobustFeed Pro

Ultimate Robustness and Portability



**PRECIDRIVE**



reddot winner 2021

*RobustFeed Pro*

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

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*



# RobustFeed Pro

| Specifications  |  |
|---|--|
| Input Voltage   | 42 VAC   |
| Welding Output  | 550 A @ 50%<br>500 A @ 60%<br>400 A @ 100%   |
| Wire Dimensions<br>Mild Steel<br>Stainless Steel<br>Cored Wire<br>Aluminium | 0.6 – 2.0 mm (.023"-5/64")<br>0.6 – 1.6 mm (.023"-1/16")<br>0.9 – 2.4 mm (.035"-3/32")<br>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   |            |
|--|------------|
| RobustFeed Pro, Water  | 0445800881 |
| RobustFeed Pro Offshore, Water (incl. gas flow meter+heater) | 0445800883 |

| Options & Accessories                              |            |
|--|------------|
| RobustFeed Wheel Kit                               | 0446081880 |
| Torch Strain Relief                                | 0446082880 |
| Trolley (RobustFeed/Warrior Feed)                  | 0349313450 |
| Trolley Retrofit Kit RobustFeed *                  | 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 RobustFeed on previous Warrior Trolley 0465510880

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

# RobustFeed 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 RobustFeed

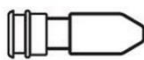
# RobustFeed Pro

| <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> |
| Outlet Wire Guide for Fe/SS/C 0.6–1.6 mm         | 0445822001             | 0446080882             | 0445830881           |
| Outlet Wire Guide for Fe/C 1.8–2.4 mm            | 0445822002             | 0446080883             | 0445830882           |
| Outlet Wire Guide for Al 0.8–1.6 mm              | 0446080882             | 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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