

# RobustFeed Pro

Ultimate Robustness and Portability



**PRECIDRIVE**



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 (5/64 in.) solid wire and 2.4 mm (3/32 in.) 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** for more information.



*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 in.)<br>0.6 – 1.6 mm (.023 - 1/16 in.)<br>0.9 – 2.4 mm (.035 - 3/32 in.)<br>0.9 – 1.6 mm (.035 - 1/16 in.) |
| Wire Feed Speed                                                             | 0.8 – 25.0 m/min (30 – 985 ipm)                                                                                                      |
| Wire Spool Capacity                                                         | 20 kg (45 lbs)                                                                                                                       |
| Max Spool Diameter                                                          | 300 mm (12 in.)                                                                                                                      |
| Operating Temperature                                                       | -20° to +55 °C (-4 to 131 °F)                                                                                                        |
| Protection Class                                                            | IP44                                                                                                                                 |
| Certification Mark (Standards)                                              | CE, CSA                                                                                                                              |
| Dimensions L x W x H, incl. top handle                                      | 595 x 250 x 430 mm (23.4 in. x 9.8 in. x 16.9 in.)                                                                                   |
| Weight                                                                      | 16.8 kg (37 lbs)                                                                                                                     |

| Ordering Information                                        |            |
|-------------------------------------------------------------|------------|
| RobustFeed Pro Offshore (incl. gas flow meter+heater) Tweco | 0445800885 |

| Options & Accessories                                           |            |
|-----------------------------------------------------------------|------------|
| RobustFeed Wheel Kit                                            | 0446081880 |
| Torch Strain Relief                                             | 0446082880 |
| Trolley (RobustFeed/Warrior Feed)                               | 0349313450 |
| Trolley Retrofit Kit RobustFeed *                               | 0349313100 |
| Euro MIG Gun Connection Kit                                     | 0446120880 |
| Tweco 5 MIG Gun Connection Kit                                  | 0446120884 |
| Guide Pin Extension Kit **                                      | 0465508880 |
| Liquid Cooling Kit (to upgrade air cooled feeders)              | 0446123880 |
| Quick Connector Marathon Pac™                                   | F102440880 |
| RobustFeed Pro M Connect ***                                    | 0446750881 |
| Air-Cooled Torches                                              |            |
| Spray Master 350 Air Cooled MIG Gun (350 A, 1/16, 12 ft, Tweco) | 1036-1613  |
| Spray Master 350 Air Cooled MIG Gun (350 A, 1/16, 15 ft, Tweco) | 1036-1615  |
| Spray Master 450 Air Cooled MIG Gun (450 A, 1/16, 15 ft, Tweco) | 1040-1052  |
| Spray Master 450 Air Cooled MIG Gun (450 A, 1/16, 25 ft, Tweco) | 1040-1058  |
| Classic 5 Air Cooled MIG Gun (500 A, 1/16, 15 ft, Tweco)        | 1050-1113  |

\* To fit RobustFeed on previous Warrior Trolley 0465510880

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

\*\*\* To connect the Robust Feed Pro to Miller™ power sources.

For full compatibility list please contact your local ESAB representative.

# RobustFeed Pro

| Options & Accessories                                                                           |            |
|-------------------------------------------------------------------------------------------------|------------|
| Interconnection Cables                                                                          |            |
| Interconnection Strain Relief Kit **                                                            | 0446050880 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 2.0 m (6.5 ft) **                     | 0459836880 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 5 m (16.5 ft) **                      | 0459836881 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 10.0 m (32.8 ft) **                   | 0459836882 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 15.0 m (49.2 ft) **                   | 0459836883 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 25.0 m (82 ft) **                     | 0459836884 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 2.0 m (6.5 ft), incl. strain relief   | 0446160880 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 5.0 m (16.5 ft), incl. strain relief  | 0446160881 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 10.0 m (32.8 ft), incl. strain relief | 0446160882 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 15.0 m (49.2 ft), incl. strain relief | 0446160883 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 20.0 m (65.6 ft), incl. strain relief | 0446160887 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 25.0 m (82 ft), incl. strain relief   | 0446160884 |
| Interconnection Cables – 70 mm <sup>2</sup> , Air-Cooled, 35.0 m (115 ft), incl. strain relief  | 0446160885 |
| Interconnection Cables – 95 mm <sup>2</sup> , Air-Cooled, 2.0 m (6.5 ft), incl. strain relief   | 0446160980 |
| Interconnection Cables – 95 mm <sup>2</sup> , Air-Cooled, 5.0 m (16.5 ft), incl. strain relief  | 0446160981 |
| Interconnection Cables – 95 mm <sup>2</sup> , Air-Cooled, 10.0 m (32.8 ft), incl. strain relief | 0446160982 |
| Interconnection Cables – 95 mm <sup>2</sup> , Air-Cooled, 15.0 m (49.2 ft), incl. strain relief | 0446160983 |
| Interconnection Cables – 95 mm <sup>2</sup> , Air-Cooled, 25.0 m (82 ft), incl. strain relief   | 0446160984 |
| Interconnection Cables – 95 mm <sup>2</sup> , Air-Cooled, 35.0 m (115 ft), incl. strain relief  | 0446160985 |

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

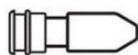
# RobustFeed Pro

| Wear & Spare Parts                               |                     |                      |                      |
|--------------------------------------------------|---------------------|----------------------|----------------------|
|                                                  | Groove / Side 1     | Groove / Side 2      | Part Number          |
| <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



Knurled



U-Groove



ESAB / esab.com

