

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 (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
- 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 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 Aluminum | 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 (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 | IP54 |
| 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 |

Delivery Includes: Wire feeder with Drive rolls V-groove: 0.9/1.0 mm (.035 in.) / 1.2 mm (.045 in), Wire guides 0.6–1.6 mm (.023–1/16 in), Instruction manual, Quick start guide, Safety instruction.

| 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 |

| Interconnection Cables, incl. strain relief | | | | |
|---|-------------------|--------------|--------------------|--------------|
| Length | 70mm ² | | 95 mm ² | |
| | Air-Cooled | Water-Cooled | Air-Cooled | Water-Cooled |
| 2 m (6.5 ft) | 0446160880 | 0446160890 | 0446160980 | 0446160990 |
| 5 m (16.5 ft) | 0446160881 | 0446160891 | 0446160981 | 0446160991 |
| 10 m (33 ft) | 0446160882 | 0446160892 | 0446160982 | 0446160992 |
| 15 m (49 ft) | 0446160883 | 0446160893 | 0446160983 | 0446160993 |
| 20 m (65.5 ft) | 0446160887 | - | - | - |
| 25 m (82 ft) | 0446160884 | 0446160894 | 0446160984 | 0446160994 |
| 35 m (115 ft) | 0446160885 | 0446160895 | 0446160985 | 0446160995 |

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

RobustFeed PRO

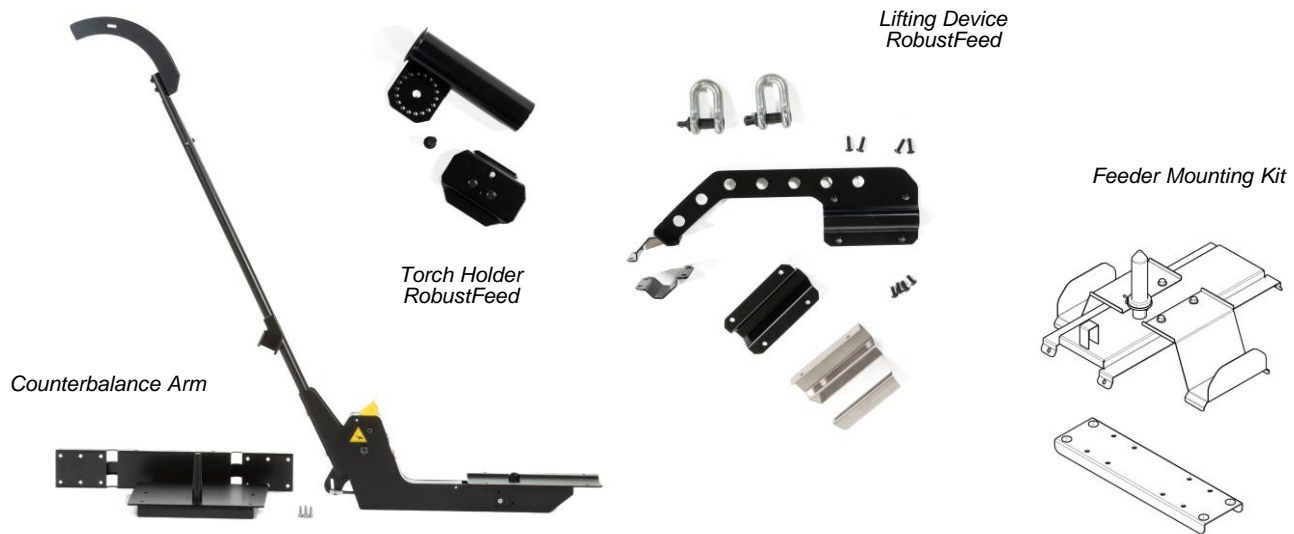
| Options & Accessories | |
|---|------------|
| 4-wheel Trolley, Power Source | 0349313450 |
| Counterbalance Arm RobustFeed ** | 0448181880 |
| Counterbalance Arm Extension Kit for use with 6m (19 ft) and 7.5m (24 ft) torches | 0448116880 |
| Stabilizer Kit for Counterbalance Arm ** | 0460946880 |
| 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 |
| Liquid Cooling Kit (to upgrade air cooled feeders) | 0446123880 |
| Quick Connector Marathon Pac™ | F102440880 |
| 4-wheel Feeder Trolley for >300 mm (12 in) Spools | 0349313700 |
| Euro MIG Gun Connection Kit | 0446120880 |
| Tweco 5 MIG Gun Connection Kit | 0446120884 |
| RobustFeed Pro L Connect ¹⁾ | 0446750880 |
| RobustFeed Pro M Connect ²⁾ | 0446750881 |

* 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

¹⁾ To connect the Robust Feed PRO to Lincoln™ power sources CV 400, Flextec 450/500/650 (not 500X/650X), Vantage 549X.

²⁾ To connect the Robust Feed PRO to Miller™ power sources XMT 350/450.



RobustFeed PRO

| Wear & Spare Parts | | | |
|--|---------------------|----------------------|--|
| | Groove / Side 1 | Groove / Side 2 | Part Number |
| Feed Roller V-Groove for Fe/SS/Cored Wire | | | |
| 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 |
| Feed Roller V-Groove for Cored Wire | | | |
| 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 |
| Feed Roller U-Groove for Aluminum Wire | | | |
| 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 |
| Wire Guide | Inlet Nozzle | Middle Nozzle | Outlet Nozzle |
| Wire Guide for Fe/SS/C 0.6–1.6 mm | 0445822001 * | 0446080882 * | 0445830881 * Euro 0445830883 * Twec |
| Wire Guide for Fe/C 1.8–2.4 mm | 0445822002 | 0446080883 | 0445830883 Euro 0445830884 Twec |
| Wire Guide for Al 0.8–1.6 mm | 0445822001 * | 0446080881 | 0445830885 Euro 0445830886 Twec |

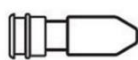
For complete list of wear and spare parts please see separate manual.

* 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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