

ROBUSTFEED EDGE BX/CX

Reliable, easy to use, with built in connectivity



PRECIDRIVE

SPOOLSAFE
PROTECTS YOUR WELD



RobustFeed Edge is an easy-to-use, high-performing, and connected multi-process MIG wire feeder for heavy industrial welding.

Featuring integrated WeldCloud connectivity, RobustFeed Edge offers increased productivity and improved quality management, with wire and gas consumption tracking.

Equipped with TrueFlow, ESAB's digital gas flow control system, RobustFeed Edge effectively manages consumable resources, both in starts and while welding, thus reducing overall resource consumption.

Additional features include an adaptive optimized pulse MIG process that compensates for operator variation with an easy, user-friendly setup designed to achieve excellent weld results.



RobustFeed Edge CX

Industry

- Industrial and General Fabrication
- Structural Steel Fabrication
- Transportation
- Railcars
- Mobile Equipment
- Tank and Vessel Fabrication
- Pressure Vessels
- Energy

- A hybrid HMI solution with material selection and configurations on a TFT-screen inside the unit with a clear and easy to use external display for everyday operation makes unit easy to operate
- Effective and quick to set-up operator management system that allows locking down quick-jobs with setting limits improves repeatability and adherence to welding procedure specifications
- Fit for purpose weld mode SPEED that provides a focused arc that allows the welder to better and easier handle the weld puddle at higher travel speeds thus increasing the productivity
- 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](https://www.esab.com) for more information.



Internal LED lights at spool and mechanism, integrated storage for wear parts in lid, graphic panel for material set-up and configuration

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Specifications	
Input Voltage	60 VDC
Welding Output at 40°C	500 A @ 60% 400 A @100%
Standby Power	30 W
Welding Processes	MIG/MAG, MIG/MAG Synergic, MIG Pulse, MMA (Stick)* , Gouging*
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	595 x 250 x 430 mm
Weight	16.8 kg

* Outlet on power source.

ROBUSTFEED EDGE BX/CX

Ordering Information

RobustFeed Edge BX, Water-cooled, Euro	0446600880
RobustFeed Edge CX, Water-cooled, Digital Gas Control, Heater, Euro	0446600881

Options & Accessories

4-wheel Trolley	0349313450
4-wheel Feeder Trolley for >300 mm Spools	0349313700
Guide Pin Extension Kit	0465508880
RobustFeed Wheel Kit *	0446081880
Boom Adaptor (Lifting Device)	0446956880
Torch Holder RobustFeed	0446958880
Torch Strain Relief RobustFeed	0446082880
Quick Connector Marathon Pac	F102440880

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

Torches

Description	3 m	4 m	5 m
Exeor MIG 4.0G ² , Gas-Cooled*	0700025752	0700025753	0700025754
Exeor MIG 4.0G ² CX, Gas-Cooled, Up/down**	0700025755	0700025756	0700025757
Exeor MIG 4.0W ² , Water-Cooled*	0700025727	0700025728	0700025729
Exeor MIG 4.0W ² CX, Water-Cooled, Up/down**	0700025730	0700025731	0700025732

* Torch with enhanced cooling performance.

** Torch with enhanced cooling performance. Includes Torch LED light and CX remote module for JOB selection / WFS / V.

For more information on Exeor torches please see separate fact sheets.

Interconnection Cables

	Gas-Cooled	Water-Cooled
Interconnection Cables - 70mm ² , 2.0 m	0446310880	0446310890
Interconnection Cables - 70mm ² , 5.0 m	0446310881	0446310891
Interconnection Cables - 70mm ² , 10.0 m	0446310882	0446310892
Interconnection Cables - 70mm ² , 15.0 m	0446310883	0446310893
Interconnection Cables - 70mm ² , 20.0 m	0446310884	0446310894
Interconnection Cables - 70mm ² , 25.0 m	0446310885	0446310895
Interconnection Cables - 70mm ² , 35.0 m	0446310886	0446310896
Interconnection Cables - 95mm ² , 2.0 m	0446310980	0446310990
Interconnection Cables - 95mm ² , 5.0 m	0446310981	0446310991
Interconnection Cables - 95mm ² , 10.0 m	0446310982	0446310992
Interconnection Cables - 95mm ² , 15.0 m	0446310983	0446310993
Interconnection Cables - 95mm ² , 20.0 m	0446310984	0446310994
Interconnection Cables - 95mm ² , 25.0 m	0446310985	0446310995
Interconnection Cables - 95mm ² , 35.0 m	0446310986	0446310996

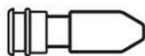
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Wear & Spare Parts			
Feed Roller V-Groove for Fe/SS/Cored Wire	Groove / Side 1	Groove / Side 2	Part Number
Feed Roller V Groove	0.6 mm	0.8 mm	0445850001
Feed Roller V Groove	0.8 mm	0.9 / 1.0 mm	0445850002
Feed Roller V Groove	0.9 / 1.0 mm	0.9 / 1.0 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 Aluminium 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
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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