

# 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.

- **TrueFlow**, digital gas flow control system from ESAB, effectively manages shielding gas, both in starts and while welding thus improving quality and decreasing consumption
- 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
- Adaptive optimized **Pulse** MIG process that compensates for operator variation with an easy, user-friendly setup designed to achieve excellent weld results
- Fit for purpose WeldMode **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
- High performance WeldMode **THIN** reduces spatter levels and helps reduce distortion when welding thin plates
- With a gap bridging ability, the easy to control **ROOT** WeldMode is optimized for root passes
- Effective and quick to set-up operator management system with key card that allows locking down quick-jobs with setting limits improves repeatability and adherence to welding procedure specifications
- **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
- Integrated WeldCloud connectivity

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



*RobustFeed Edge CX*

## Industry

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



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

# ROBUSTFEED EDGE BX/CX

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.

Selection Guide Wire Feeder							
Description	Part Number	Precidrive	Spoolsafe IP54	Dual HMI	RFID Panel Lock	TrueFlow Digital Gas Control	Heater
RobustFeed Edge BX (CE)	0446600880	X	X	X	X		
RobustFeed Edge CX (CE)	0446600881	X	X	X	X	X	X

Selection Guide Power Source								
Description	Part Number	Cooler	Multi-P HMI	SYN	PULSE	SPEED	THIN	ROOT
Warrior Edge 500 CX I (CE)	0448500880	Optional		X	X			
Warrior Edge 500 CX II (CE)	0448500881	Optional		X	X	X		
Warrior Edge 500 DX (CE Water)	0446300886	Integrated 1.4 kW	X	X	X	X	X	X

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

Torches			
Description	3 m	4 m	5 m
Exeor MIG 4.0G <sup>2</sup> , Gas-Cooled *	0700025752	0700025753	0700025754
Exeor MIG 4.0G <sup>2</sup> CX, Gas-Cooled, Up/down **	0700025755	0700025756	0700025757
Exeor MIG 4.0G <sup>2</sup> DX, Gas-Cooled, Graphic Display***	0700025758	0700025759	0700025760
Exeor MIG 4.0W <sup>2</sup> , Water-Cooled *	0700026050	0700026051	0700026052
Exeor MIG 4.0W <sup>2</sup> CX, Water-Cooled, Up/down **	0700025730	0700025731	0700025732
Exeor MIG 4.0W <sup>2</sup> DX, Water-Cooled, Graphic display ***	0700025733	0700025734	0700025735

\* Torch with enhanced cooling performance.

\*\* Torch with enhanced cooling performance. Includes Torch LED light and CX remote for JOB selection / WFS / V, 2T/4T

\*\*\* Torch with enhanced cooling performance. Includes Torch LED light and DX graphical display remote for JOB selection / WFS / V / 2T/4T / Measure values, Arc Dynamics

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

# ROBUSTFEED EDGE BX/CX

## Interconnection Cables, incl. strain relief

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

## Options & Accessories

Cool 2	0465427880
Coolant 10 l.	0465720002
4-wheel Trolley, Power Source	0349313450
Counterbalance Arm RobustFeed **	0448181880
Counterbalance Arm Extension Kit for use with 6m and 7.5m 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
Quick Connector Marathon Pac	F102440880
4-wheel Feeder Trolley for >300 mm Spools	0349313700

\* 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



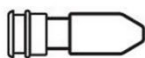
# ROBUSTFEED EDGE BX/CX

<b>Wear &amp; Spare Parts</b>			
<b>Feed Roller V-Groove for Fe/SS/Cored Wire</b>	<b>Groove / Side 1</b>	<b>Groove / Side 2</b>	<b>Part Number</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>
Wire Guide for Fe/SS/C 0.6–1.6 mm	0445822001 *	0446080882 *	0445830881 *
Wire Guide for Fe/C 1.8–2.4 mm	0445822002	0446080883	0445830882
Wire Guide for Al 0.8–1.6 mm	0445822001 *	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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