

EMF Ropeway ropes

Low CO₂ emission available on demand

Made from
material:

XCarb[®]

Recycled and renewably
produced



The Revolution of Low-CO₂ Emission Wire Ropes

« We have taken a bold approach by integrating practices into our operations that aim to minimize CO₂ emissions as much as possible. Our steel wire ropes are made with up to 100% recycled steel.

But that's not all—this process is entirely powered by renewable electricity.»



Toufique Yacoub
Business Line Manager Wire Ropes



What Are Low-CO₂ Emission Steel Wire Ropes?

The use of XCarb® drawn wire from recycled and renewable sources represents a significant step forward in reducing CO₂ emissions in the steel industry.

Compared to the BF/BOF* production route, EAF production achieves a reduction of **2.28 tons of CO₂-eq per ton of cable (2,990 – 712)**, based on a published EPD (BF/BOF) and an unpublished LCA*** (XCarb® – EAF). This approach actively contributes to preserving our environment.

This sustainable initiative combines industrial performance with environmental responsibility, paving the way for cleaner and more eco-friendly steel production.

* BF/BOF: Basic furnace, Basic Oxygen Furnace.

**EPD registration number: S-P-11967 Modules A1-A3", "Production stages" or "Cradle to gate

***LCA: Life Cycle Assessment. Analyse du cycle de vie

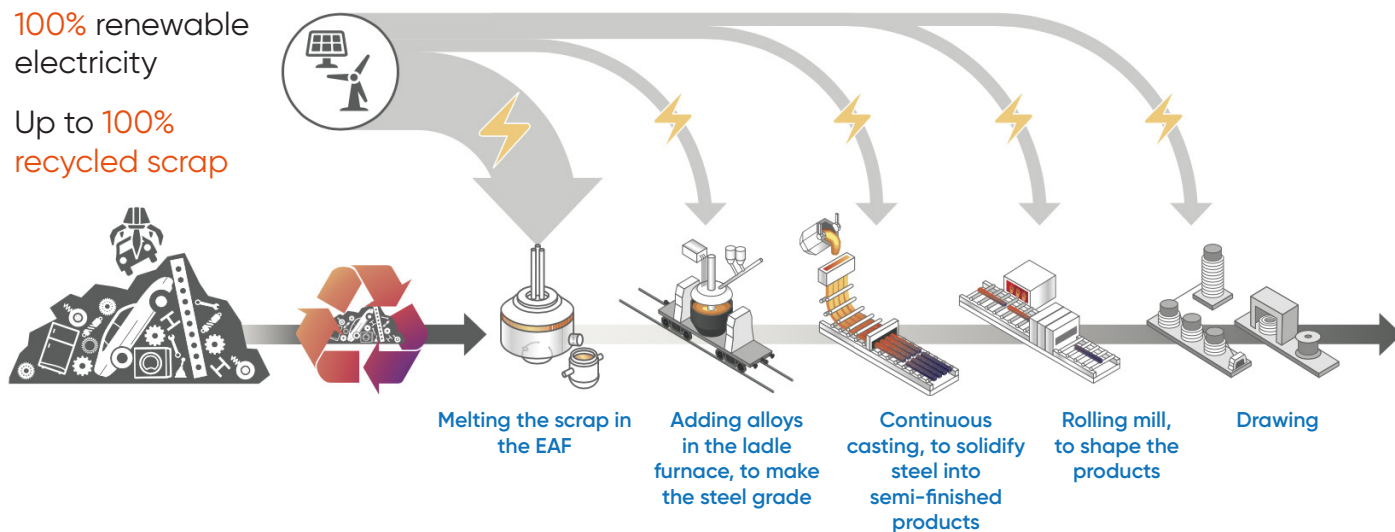


EAF

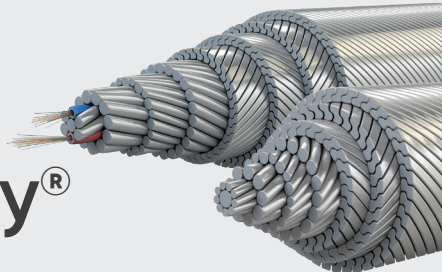
The production of EAF (Electric Arc Furnace) steel is a steel manufacturing process that utilizes electric furnaces to melt and process scrap metal and other raw materials, providing an efficient and flexible method of steel production.

100% renewable
electricity

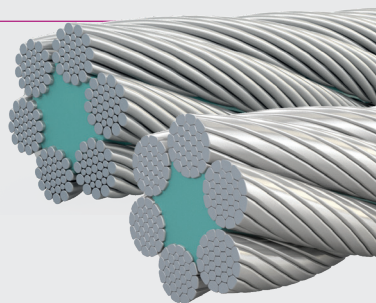
Up to 100%
recycled scrap



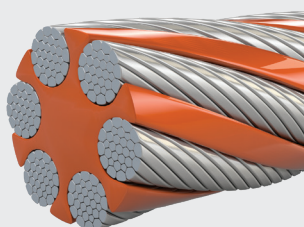
OverSky[®]



Altitude[®]



Whisper[®]



ArcelorMittal Bourg-en-Bresse

25 Avenue de Lyon, BP 38

F-01002 Bourg-en-Bresse Cedex

T: +33 4 74 32 82 12

F: +33 4 74 32 81 05

E: lifting.ropes@arcelormittal.com

www.arcelormittal.com/wireropes



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