



YUBER METALLURGY CHEMISTRY

Cored Wires, Covering Fluxes, Wire & Powder Feeding Machines Manufacturing,
Metalurgical Services



Established in 2010 to Produce Cored Wires, Covering Fluxes, Wire and Powder Feeding Machines for Steel Mills



900 mt Montly Production Capacity of Cored Wires



2.000 tons Montly Production Capacity of Covering Fluxes



2 Production Plants in Industrial Zone of North of Turkey



Well-Educated and Well-Deployed Structured Organization



More than 45 Customers in Europe, Asia, Middle East and North Africa



More than 50 employees

Our Vision

Saying that we produced the «Best» is only valid till we encounter new challenges. The «Best» is to try to keeping produced as «better» in each challenges.

Our Mission

We aims to be a responsible and a trustworthy partner based sustainable and ethical practices creating long-term value for our stakeholders.



What enables the quality to maintain its effective improvement?

Yuber's production technology and quality is supported by research and development in our laboratory designed with high-tec equipments.

Equipments in Yuber's laboratory

XRD Instrument

XRF Instrument

Viscometer

Optical Sieve Analyser

Mechanical Sieve Analyser

View Analyser

Grinder

AFT Furnace

Furnaces

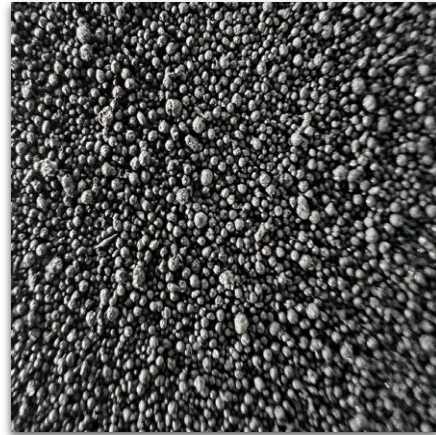
Oven

Weighting Scales

Gas Fluxer



Cored Wires



Covering Fluxes



Cored Wire Feeding Machine



Covering Fluxes Feeding Machine

The Cored Wires

What does the phrase "cored wire treatment" refer to? Having a reliable and continuous secondary metallurgy process where alloy combinations are adapted to steel demand is one of the key requirements for steel production. Deep inside molten steel, where the desired properties of steel, such as flexibility, consistency, cleanliness, resistance, and precision, are imparted, the wire injection method makes it possible to be more convenient, stable, and effective.

TUR-Cal Cored Wire (The Steel Thickness 1,00 mm – 1,20 mm – 1,50 mm)

Aluminum (Al) Wire (Diameter 9 mm - 12 mm)

Calcium Rod (The Steel Thickness 0,60 mm – 0,8 mm)

Calcium Iron (CaFe) Cored Wire (The Steel Thickness 0,4 mm)

Calcium Silicide (CaSi) Cored Wire (The Steel Thickness 0,4 mm)

Ferro Titanium (FeTi) Cored Wire (The Steel Thickness 0,5 mm – 0,6 mm)

Carbon (C) Cored Wire (The Steel Thickness 0,4 mm)

Sulphur (S) Cored Wire (The Steel Thickness 0,4 mm)

Ferro Boron (FeB) Cored Wire (The Steel Thickness 0,5 mm)

Ferro Molybdenum (FeMo) Cored Wire (The Steel Thickness 0,5 mm)

Ferro Niobium (FeNb) Cored Wire (The Steel Thickness 0,5 mm)

Ferro Vanadium (FeV) Cored Wire (The Steel Thickness 0,5 mm)



Standart Coil Dimensions

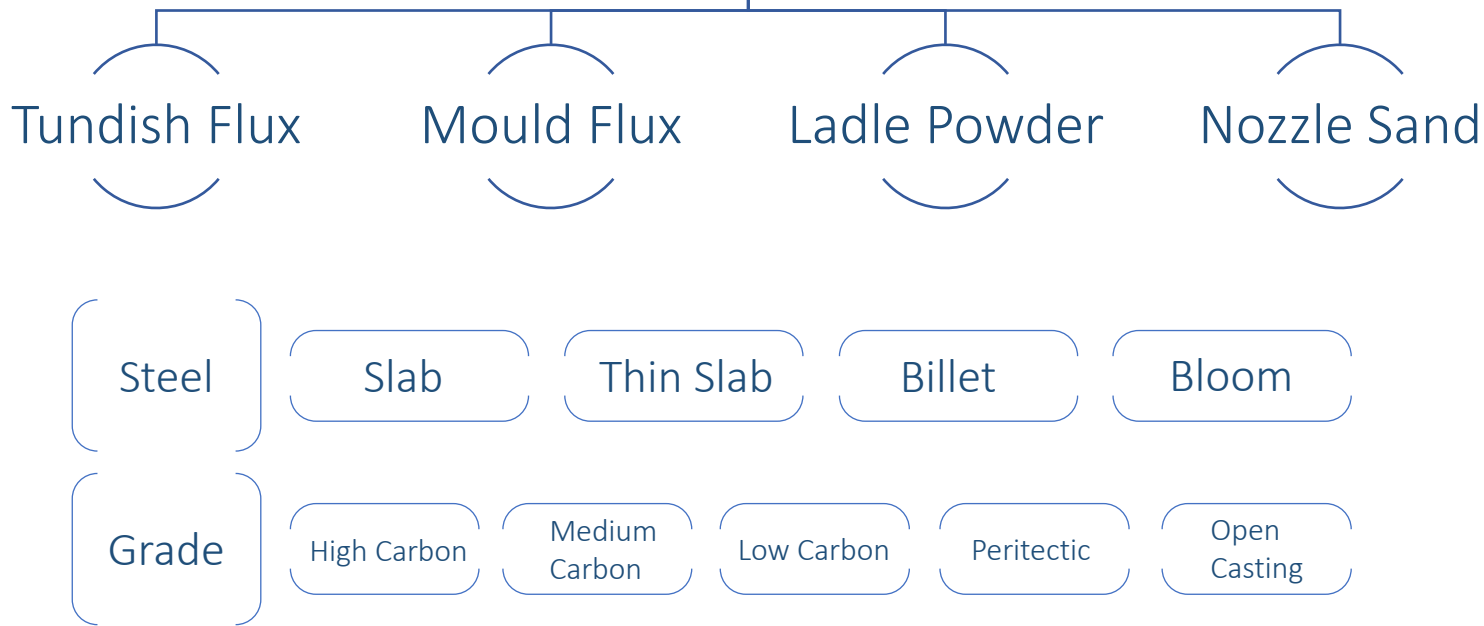
- ID 600 mm
- OD 1150 mm
- H 1150 mm (without pallet height)
- Special dimensiin can be produced upon request of customers



Standart Wire Diameters

- Ca Rod 9 – 10 mm
- Other Cored Wires 13 mm
- 9 mm – 16 mm can be produced upon request of customers

Covering Fluxes



Covering Fluxes are produced according to different steel grades, Therefore please request the application form, which comprises brief questions to help us provide the best material in accordance with your steel grade.

Advantages of Covering Fluxes Using

Providing better thermal insulation of the steel surface

Operating with significantly lower levels of superheat for the steel

Preferred over oil due to sealing off the steel from atmosphere

Absorbing some of the non-metallic inclusions in the molten steel

Reducing production cost of steel making

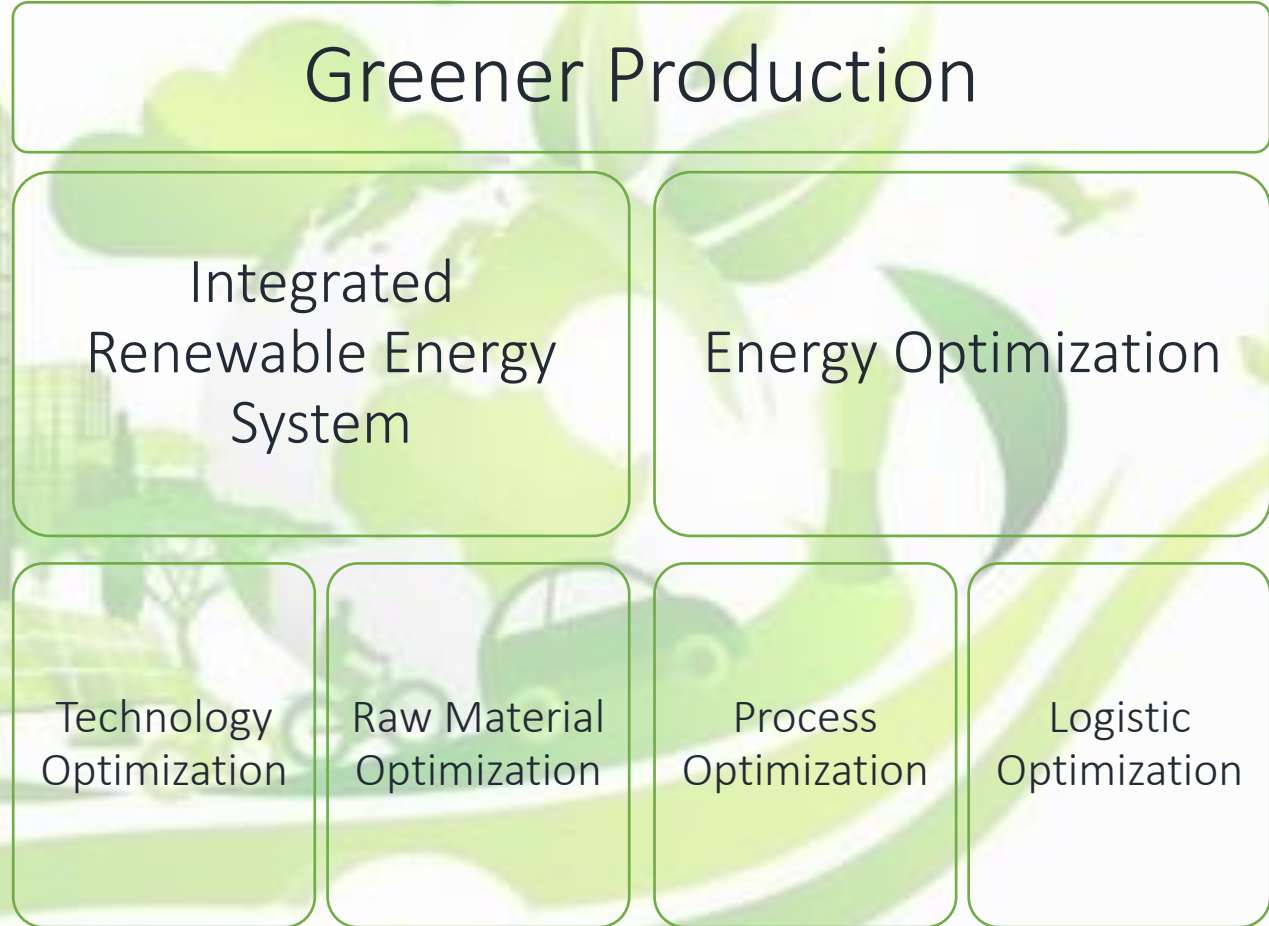
Prevent oxidation

The cored wire and covering flux feeding machines are auxiliary equipment used in second metallurgy to adjust the alloy combination in molten steel based on the steel grade. These devices allow for the optimal and consistent feeding of cored wires and covering fluxes while protecting the steel grade.

- Efficiency
- Stability
- Safety
- Accuracy
- Quality
- Easy to Operate
- Saving Time

Yuber's new plant has been started to built with the most advanced technology in Izmir, Turkey as of end of 2022. In the first half of 2024, we will meet the needs of the steel industry in an integrated facility with a closed area of 22,000 m² on an area of 35,000 m²

We are aware that the climate change is biggest challenge at the present time. The main driver of climate change is human activities due to burning fossil fuels like coal, oil and gas. We aim to reduce GHG emissions of production in our new plant's towards a greener production with our targets.



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