

Power tomorrow.

Built for the force that never stops.



Swiss
Steel
Group

We make the steel. You make wind matter.

Turning the power of wind into reliable energy begins with materials that never compromise.

Our steels are designed for the critical components at the heart of every turbine, delivering the strength, durability and consistency needed to perform under the toughest conditions.



A turbine should be green from the first bolt to the last bearing.

Every wind turbine contributes to a more sustainable future. The materials behind it should do the same.

Produced via the electric arc furnace (EAF) route and made with around **92%** recycled metallic input materials, our steels reduce CO₂ emissions by up to **85%** while delivering the strength, reliability and durability required for demanding wind applications.

Because powering tomorrow starts with producing steel more responsibly.

Explore with us.

Today's applications are only the beginning. Together, let's discover where our steels and expertise can create value for your next wind application.



01 Bolting Systems
Holding every connection together.

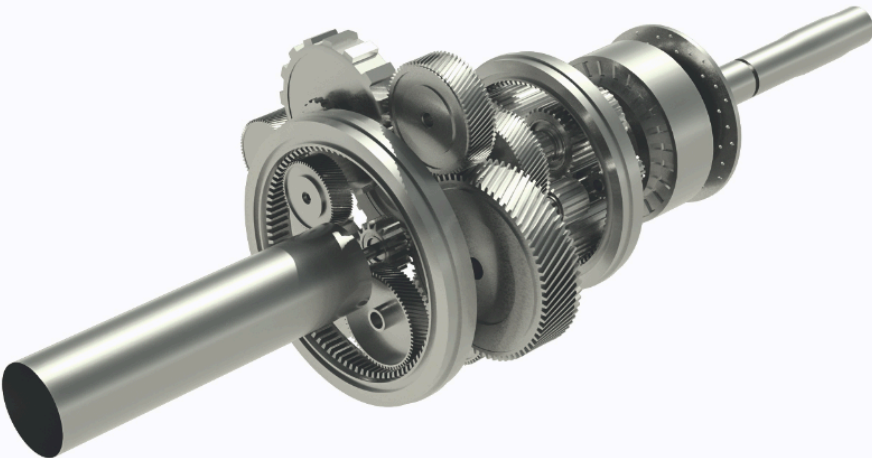
From tower flanges to blade-root fasteners, every connection must withstand enormous static and dynamic loads. Our high-strength steels provide the strength, reliability and fatigue resistance required to keep the entire turbine securely connected throughout its lifetime.

- 32CrB4
- 42CrMo4
- 34CrNiMo6

02 Main Shaft & Drivetrain
Built to carry every rotation.

Main shafts transfer enormous forces generated by the rotor. Our steels combine high strength and toughness to withstand continuous dynamic loads while ensuring reliable energy transmission.

- 42CrMo4
- 34CrNiMo6
- X17CrNi16-2



03 Gearbox & Drivetrain
Turning wind into motion.

The drivetrain is at the heart of every wind turbine. Our case-hardening steels deliver the durability and wear resistance needed for highly loaded gears and transmission components, ensuring efficient power transfer and long-term reliability.

- 18CrNiMo7-6



04 Anchoring Systems
Strength from the ground up.

A turbine is only as reliable as its foundation. Our steels ensure safe load transfer, exceptional fatigue resistance and long-term structural integrity for anchoring systems.

- 32CrB4
- 42CrMo4
- 34CrNiMo6
- X2CrNiN23-4



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Find more information about our products
swisssteel-group.com/en/applications/energy/wind-energy