

What is Edelstahl

Stainless steel

High-quality stainless steel sheet for laser and engraving technology

Stainless steel is one of the highest-quality materials used in laser and engraving technology. It is used wherever durability, longevity and a high-quality appearance are required – from the production floor to representative signage.

Why stainless steel

Stainless steel combines high mechanical resistance with a surface that retains its appearance even under demanding conditions. This makes it particularly suitable for markings that must remain legible over the long term, for example in industrial environments with moisture, temperature changes or mechanical stress.

The brushed surface further underlines the material's high-quality, technical character and is a commonly chosen standard for nameplates and plant identification.

Areas of application

Because of its robustness, stainless steel is preferred in industrial settings – for example in mechanical and plant engineering, where markings must stay legible for years.

Advantages

- Very high durability and longevity
- High-quality, technical appearance
- Suitable for demanding operating conditions

Disadvantages

- Heavier than aluminum-based materials

Typical Properties

- Very durable and long-lasting
- High-quality, consistent appearance
- Brushed surface

Product Examples

- Plant and machine identification
- Nameplates
- Representative signage

Typical Industries

- Industry in general
- Mechanical engineering
- Plant construction

	Test Method	Unit	Value
Version			
Material			Stainless steel
Surface finish			brushed
Processing			Laser engraving