

R&D Center

100⁺

Million annual R&D investment

100⁺

R&D personnel with master's and doctoral degree

100⁺

Number of patents

CNAS ACCREDITED LABORATORY



OUTSTANDING NOISE REDUCTION TECHNOLOGY

Sustainable Development

Low-Carbon Energy Use

Green Production

Environmental Management

Eco-Friendly Office

Photovoltaic Power

Smart Low-Carbon Production Line

Green Materials and Packaging

High-Efficiency Products

Carbon Footprint Certification

Green Creativity

Process Office

Green Life Extension

Land Reclamation

Water Gas Purification

100% Waste Water Recycling

Industrial Sewage Discharge

Greenhouse Gas Verification

Water Circulation

Heat Recovery

Energy Saving Lamp

SBTi
Near term: Committed

ISO
14067-2018

ISO
14064-1:2018

BSI PAS
2050:2011

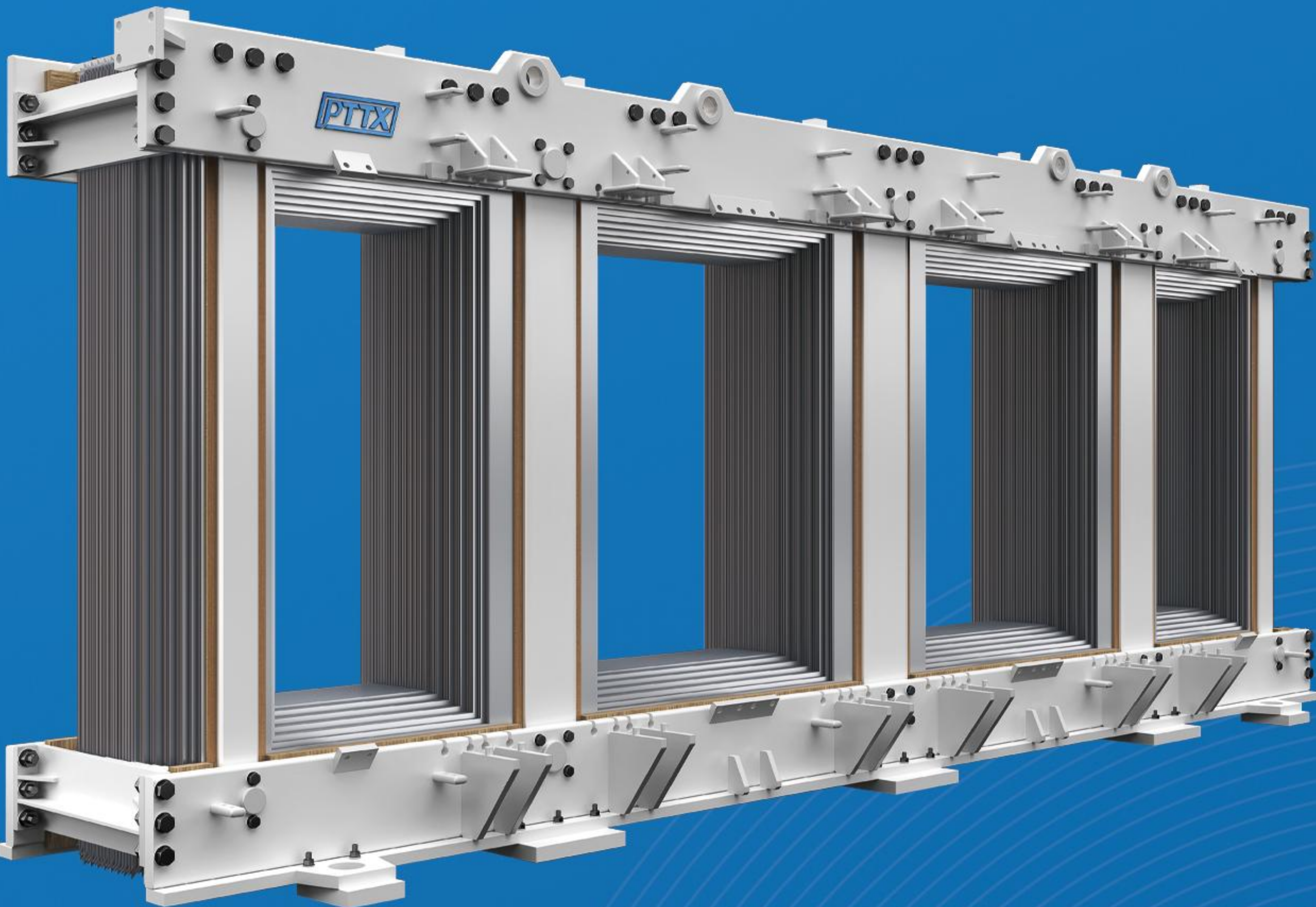
EcoVadis
Sustainability Rating

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TRANSFORMER CORE

WHOLE PROCESS SOLUTION PROVIDER



PTTX



PTTX

Add: No. 19 Jingxiang Rd, Xishan District, Wuxi, China
Tel: 0510-83795338 E-mail: info@pttx.com
Web:en.pttx.com

World-Leading Silicon Steel Technology Enterprise

PTTX

World-Leading Silicon Steel Technology Enterprise

350⁺_k

Tons of annual silicon steel production

300⁺

Global clients and partners

20⁺

Years of focusing on transformer core industry chain

PTTX was founded in 2004 with an enduring commitment to power and energy industry. Focusing on the integrated industrial chain of high-end silicon steel new materials, transformer cores, and smart factory planning, PTTX continues to provide green and low-carbon products and full process solutions for the industrial chain with innovation and technology.

PTTX has become a world-leading enterprise in the field of high-end low-carbon silicon steel and transformer core after years of development,with multiple advanced intelligent manufacturing plants and industry-leading R&D center. Presented in more than 50 countries worldwide, PTTX provides high-quality goods and services to hundreds of global power and energy enterprises, ranging from electrical steel to transformer cores. PTTX has kept at the forefront of industry in terms of output and scale.

Full-Process Solutions

Silicon Steel Production

Transformer Core Manufacturing

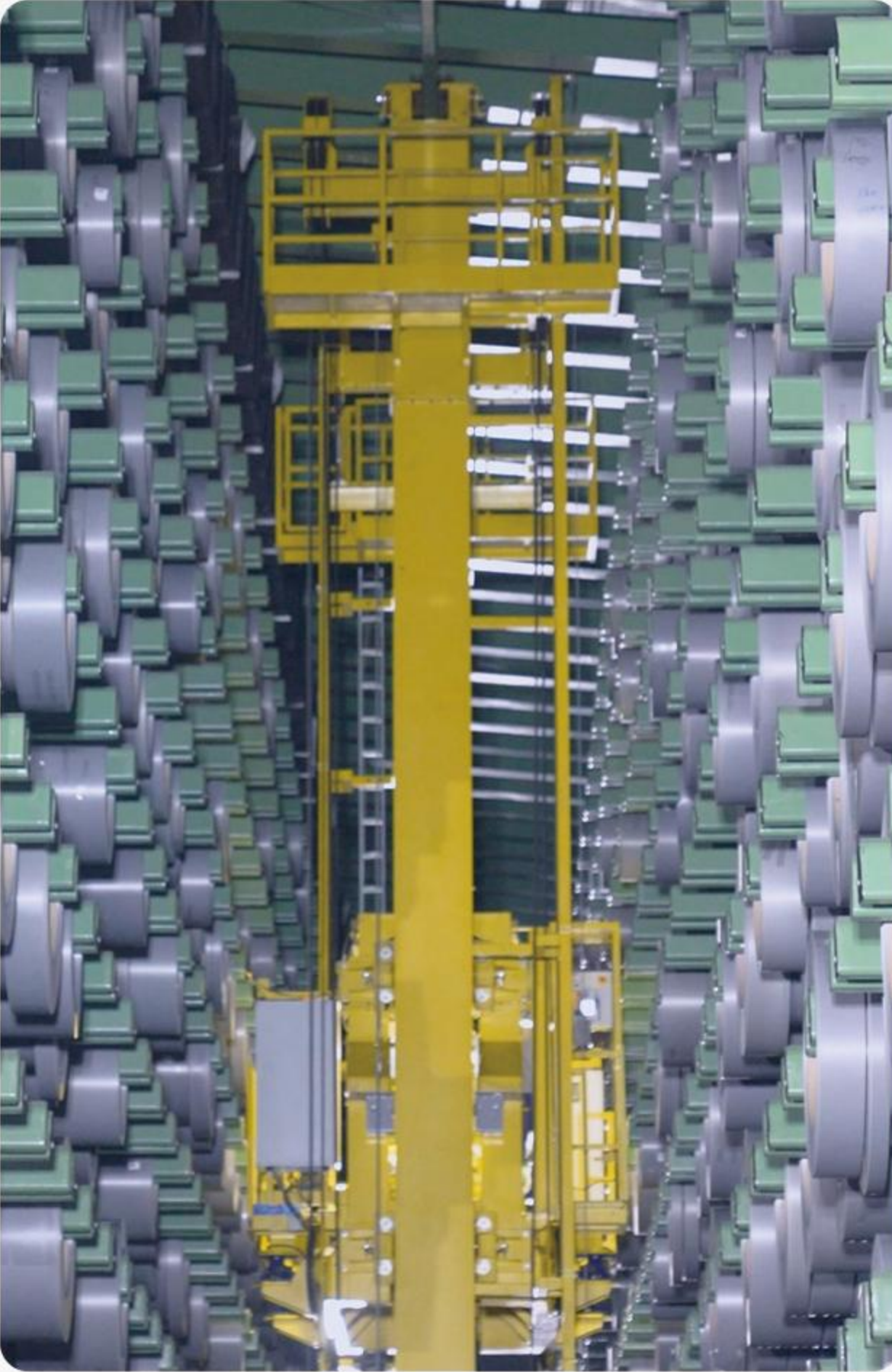
Smart Factory Planning

Our Global Presence

Covering more than 50 countries and regions worldwide



Transformer Core Production Base (Phase II), Wuxi



High Bay Storage
and Logistics System

- Automated Smart Warehousing System
- Humidity and Temperature Controlled



Slitting Lines

- Online iron loss detection system
- Online Thickness Measurement System

Annual Production Capacity
70,000 tons
Land Area: 10 acres



Cutting To Length Lines

- Full-Sequence Automated Shearing
- Automated inline e-stacker



Silicon Steel
Packaging System

- Fully Automated Packaging
- Contact-Free Packaging

New Transformer Core Production Base (Phase IV), Wuxi



Annual Production Capacity
80,000 tons
Land Area: 11.5 acres



32 Automated Cutting To
Length Lines for Silicon Steel



Eco-friendly Spray
Core Painting

Silicon Steel Production Base, Anqing



Annual Production Capacity
300,000 tons
Land Area: 33 acres



Pioneering CA and CT
production lines
Multi-layer stacked factory design



Industry's First Bogie
Hearth Furnace System

R&D TARGET \leq **0.64W/kg**

Performance
Indicators
of Silicon Steel

**MASSIVE
PRODUCTION**

0.65W/kg~0.69W/kg

0.70W/kg~0.74W/kg

0.75W/kg~0.79W/kg

0.80W/kg~0.84W/kg

Series Products
of Silicon Steel

Mother Coils
Width: 800-1250mm Weight: \geq 1T



Max Weight
Per Pallet: \leq 5(T)

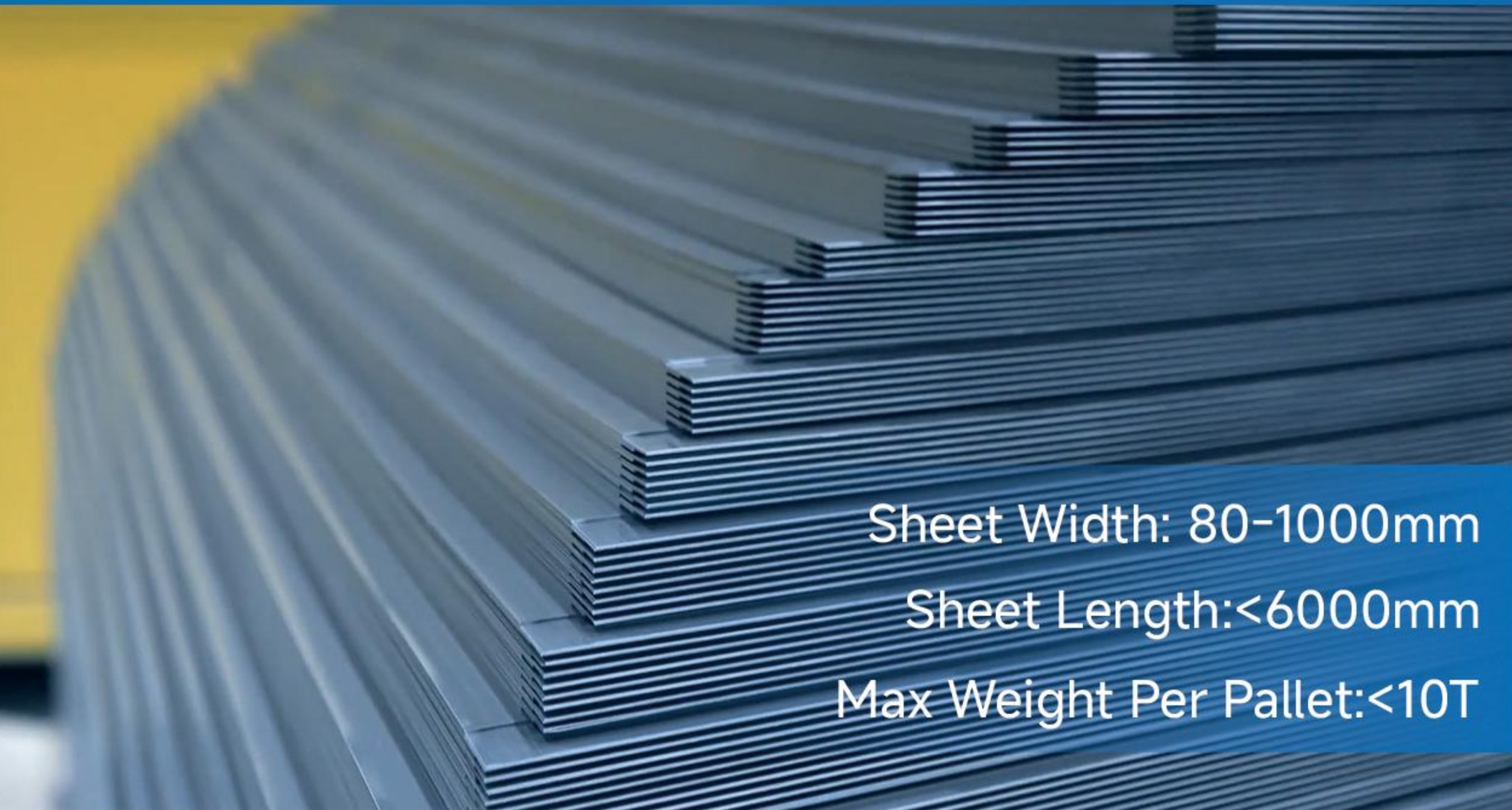
Slit Coils
Width: $<$ 800mm (Customer specified width)



Max Weight
Per Pallet: \leq 5(T)

Series Products
of Transformer Cores

Cut Laminations
Voltage Class: 10kV~1100kV



Sheet Width: 80-1000mm
Sheet Length: $<$ 6000mm
Max Weight Per Pallet: $<$ 10T

Fully Assembled Cores
Full Range, from Distribution Transformers to Power Transformers

