High Productivity in **Electrical Steel**

Solutions for a sustainable supply chain
Our products for **electrical steel**

**Roll grinding machines**
- GEORG ultra\textsuperscript{grind} 10
- GEORG ultra\textsuperscript{grind} 25

**Coil processing NGO**
- GEORG precision\textsuperscript{slit} TRA
- GEORG precision\textsuperscript{pack}
- GEORG inspection\textsuperscript{lines}

**Coil processing GO**
- GEORG precision\textsuperscript{cut} TBA
- GEORG precision\textsuperscript{slit} TRA
- GEORG ultra\textsuperscript{corrugation}

>1400 Installed machines and lines

- wind energy
- electromobility
- solar energy
Your Benefit

- High Productivity
- Short Set-up Time
- Low Man-power
- Low Maintenance
- High Energy Efficiency
- High Work Safety

From flat rolled coil to lamination

GEORG ultragrind Roll grinding machines

- Highest accuracy for grinding back-up and work rolls
- Integrated measuring system
- Integrated GEORG smart control

- Workpiece weight max. 25 t
- Roll diameter max. 1,500 mm
- Roll length max. 6,000 mm
GEORG precision slit
Slitting lines for GO / NGO electrical steel
> Highest capacity
> Highest flexibility
> Highest automation combined with highest accuracy

GEORG precision cut TBA
Cutting lines for core laminations
> Up to 2 robots for high output
> Low burr, low loss quality lamination for high quality transformer cores

Coil weight
of up to 6 t / 30 t

Strip width
of up to 1,250 mm / 1,650 mm

Line speed
of up to 140 m/min / 400 m/min

Strip thickness
from 0.10 mm up to 0.65 mm / 1.00 mm

More Value

GEORG product
> Increase in profitability
> Increase in process reliability

GEORG protection world
> Reduction of operation costs
> Increase in the rate of return

GEORG consulting
> Expansion of competitiveness
> Technology optimization
> Process optimization

GEORG digital
> Predictive maintenance
> Condition monitoring
> IoT
> GEORG dashboard

Why GEORG?
> Decades of experience in electrical steel
> Achieving highest tolerances and quality requirements
> Highest productivity solutions
> Highest grade of automation with IoT applications
> Latest energy saving features
> Setting new standards for strip monitoring

GEORG product

GEORG protection world

GEORG consulting

GEORG digital

Why GEORG?
GEORG protectionworld
Life Cycle Quality Management