
High Productivity in **Electrical Steel**

Solutions for a sustainable supply chain



mit uns **technisch überlegen**

Our products for **electrical steel**

Roll grinding machines

- > GEORG ultragrind 10
- > GEORG ultragrind 25

Coil processing NGO

- > GEORG precisionslit TRA
- > GEORG precisionpack
- > GEORG inspectionlines

Coil processing GO

- > GEORG precisioncut TBA
- > GEORG precisionslit TRA
- > GEORG ultracorrugation



wind energy



electromobility



solar energy

> 1400

Installed machines and lines

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 smartcontrol**



Workpiece weight
max. 25 t

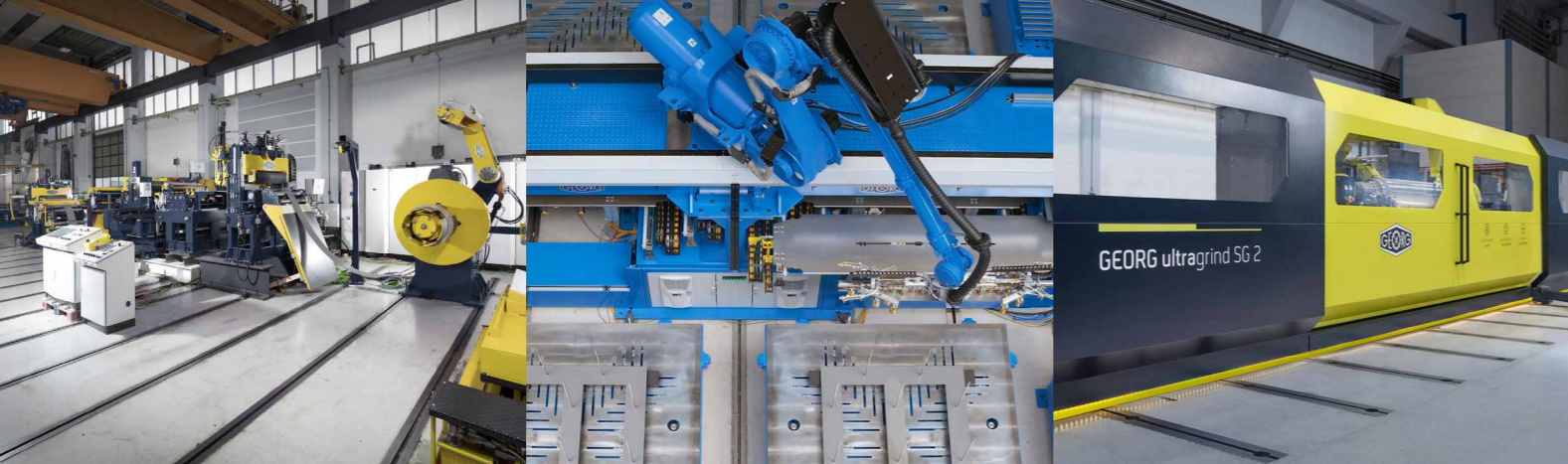


Roll diameter
max. 1,500 mm



Roll length
max. 6,000 mm





GEORG precisionslit

Slitting lines for GO / NGO electrical steel

- > Highest capacity
- > Highest flexibility
- > Highest automation combined with highest accuracy



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

GEORG precisioncut TBA

Cutting lines for core laminations

- > Up to 2 robots for high output
- > Low burr, low loss quality lamination for high quality transformer cores



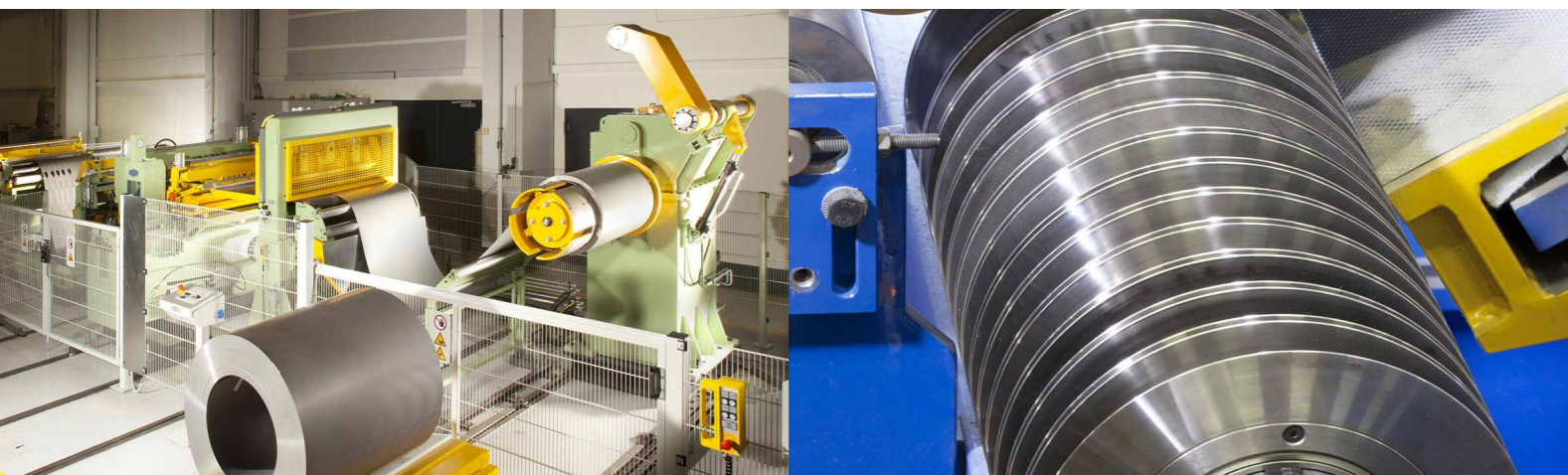
Strip Width
max. 400 – 1,200 mm



Line Speed
max. 240 m/min



Sheet length range
max. 2,000 mm



More Value

GEORG product

- > Increase in profitability
- > Increase in process reliability

GEORG protectionworld

- > Reduction of operating costs
- > Increase in the rate of return

GEORG consulting

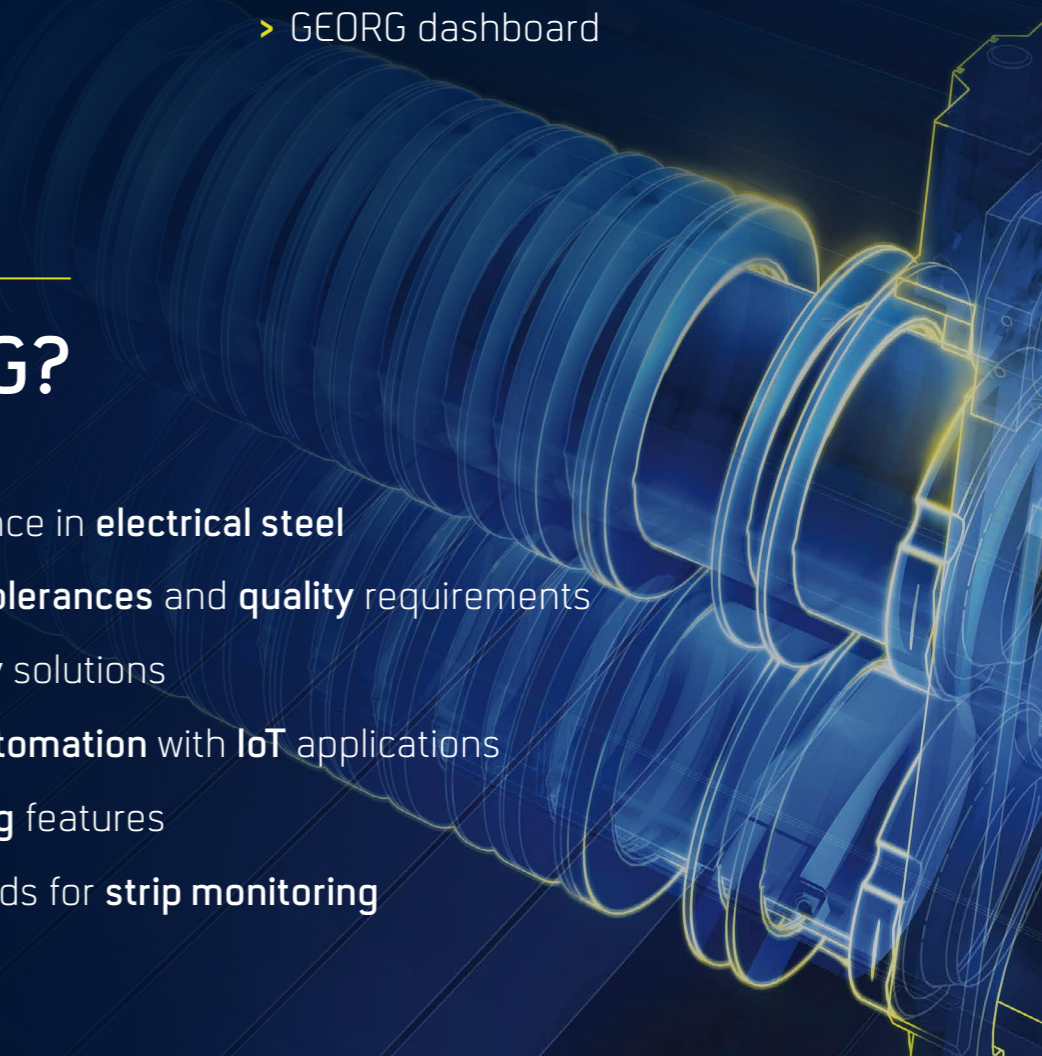
- > Expansion of competitiveness
- > Technology optimization
- > Process optimization

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 protectionworld

Life Cycle Quality Management



GEORGdialogue
service help desk



GEORGsupport
field service



GEORGcare
service contracts



GEORGupgrade
strategic service



GEORGfinance
financing and leasing



GEORGknowledge
training and consulting



mit uns **technisch überlegen**

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