



GEORG Equipment for Metal Service Centers

High machine availability. Easy to use. Fast service.

GEORG North America Inc.

GEORG in North America



> Our growing Team in the USA

“We are continuing to expand staff and infrastructure at our American subsidiary.”

We have a great deal of experience in the **North American Market**

>70
installed machines and lines



> Roanoke, VA



> Alpharetta, GA



Why GEORG?

Steel is in our blood. Coil processing is our profession.

Over the decades, we have become very familiar with the special challenges our Steel Service Centers customers face. Because we love solving problems and making customers even more successful, we help them to master their tasks with economical equipment and services.

You have shortage of skilled workers? We have the solution.

We are countering the shortage of skilled workers with the high degree of automation built into our products. We are continuously investing in our North American site and expanding our personnel, infrastructure and services.

Our systems are characterized by:

- > Easy operation with minimum personnel
- > Extremely short set-up times
- > Perfect, process-controlled operations

Why you?

Well, we would like to demonstrate to you that we have suitable solutions for your plant to overcome your specific challenges in steel service.

Interested in an exchange?

Please feel free to make an appointment with our experts:

Call: +1 678 668 2516

Email: northamerica@georg.com

GEORG smartfactory

Advanced planning and optimization of service centers

Quickfacts

Planning of:

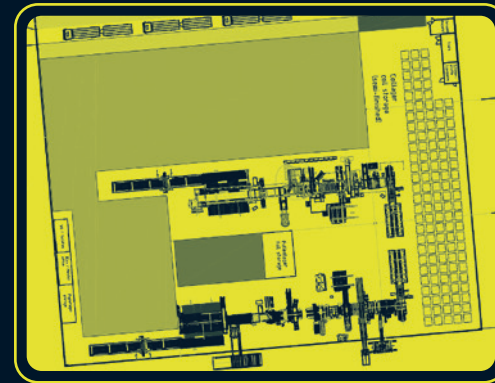
- > Material flow & scrap logistic
- > Necessary storage areas
- > Crane workloads and movements
- > Safety Concepts
- > MES and WMS interfaces and interface to all intelligent sub-systems

Calculation of:

- > Energy and media consumption
- > Detailed productivity calculations

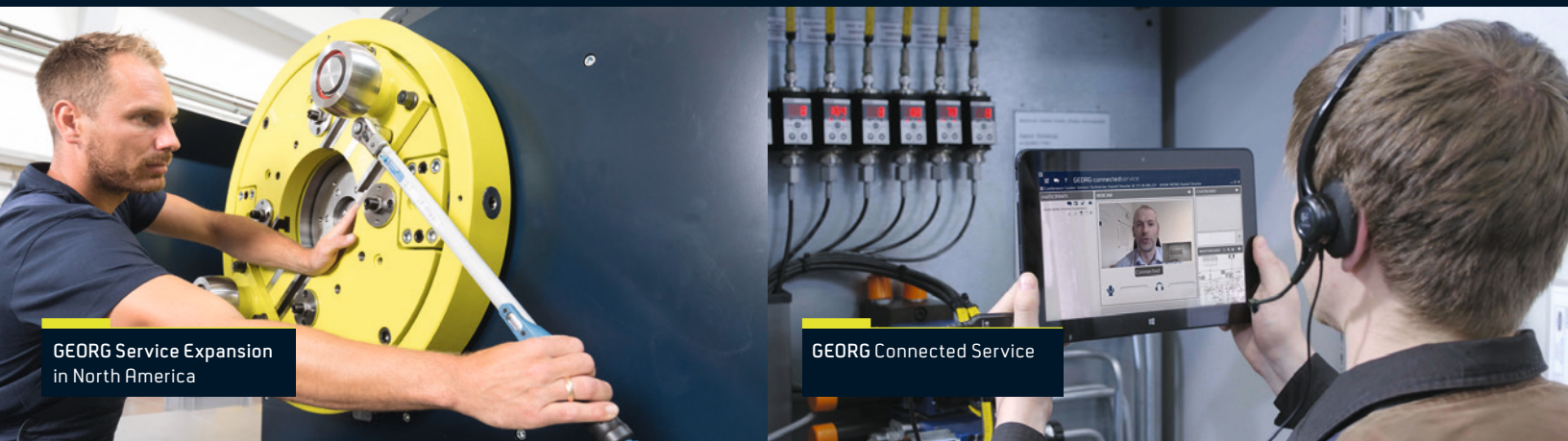
Optimization of:

- > Overall production
- > Intralogistics and workflow
- > Set up times and automation grade



Your Benefits

Complete logistic and factory organization from a single source



GEORG Service Expansion in North America

GEORG Connected Service

GEORG Service in North America

Life Cycle Quality Management

Service with Real Added Value

The GEORG protectionworld Life Cycle Quality Management offers our customers an all-round package for the entire life cycle of their machine.

The GEORG protectionworld Life Cycle Quality Management helps to lower the operational costs of the machines significantly and to increase the profit of our customers.

Our services range from planning and consulting to production, monitoring, strategic maintenance, trouble-shooting and comprehensive training concepts.



GEORGdialogue
service help desk



GEORGsupport
field service



GEORCcare
service contracts



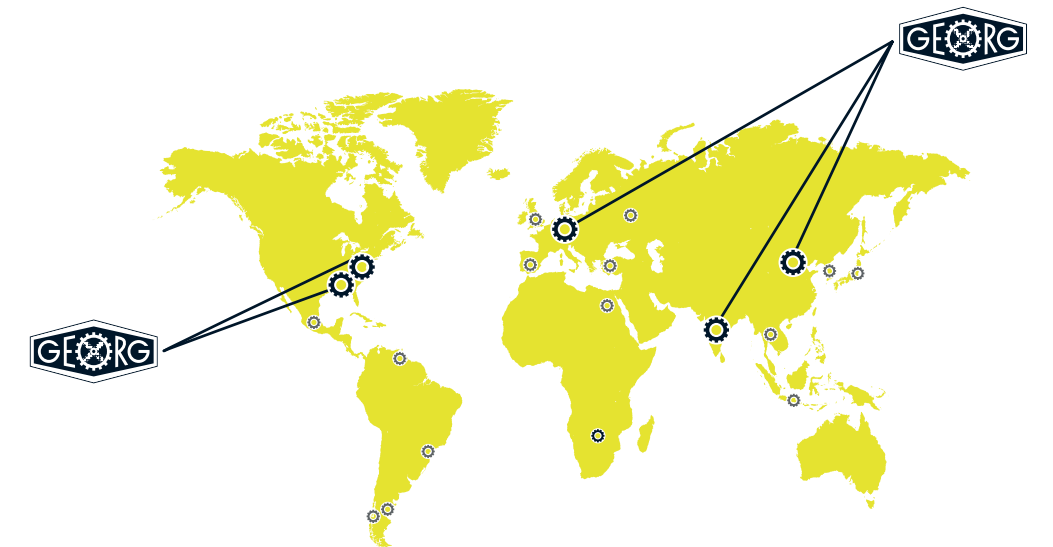
GEORGupgrade
strategic service



GEORGfinance
finance and leasing



GEORGknowledge
training and consulting





GEORG precisionslit

Slitting lines

Advantages

- > Automated line pre-adjustment, short set-up time
- > Lowest coil-to-coil time and high flexibility with respect to market request
- > Consistent quality standards in terms of cutting accuracy, cutting quality and winding accuracy
- > Easy operation and higher attractiveness of work
- > Less share of physically heavy work

Quickfacts*



Coil weight
up to 35,000 kg/
77 lbs



Coil width
up to 1,850 mm/
73"



Strip Thickness range
between
0.40 and 6.35 mm/
0.015 and 0.25"

GEORG precisionslit basic

Focusing on what remains. The next level of price conscious slitting.

*Quickfacts show the most common configuration - tailor-made specs are available

GEORG precisioncut

Cut-to-length lines

Advantages

- > Automated line pre-adjustment, short set-up time
- > High precision levelers for highest demands on flatness
- > Exact cutting accuracy and angularity of sheets
- > Highest stacking accuracy
- > Gentle transport and stacking systems for sensitive surfaces
- > Single or double stacking station
- > Automatic pallet loading and stack packaging

Quickfacts*



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Coil width
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73"



Line thickness range
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0.015 and 0.25"

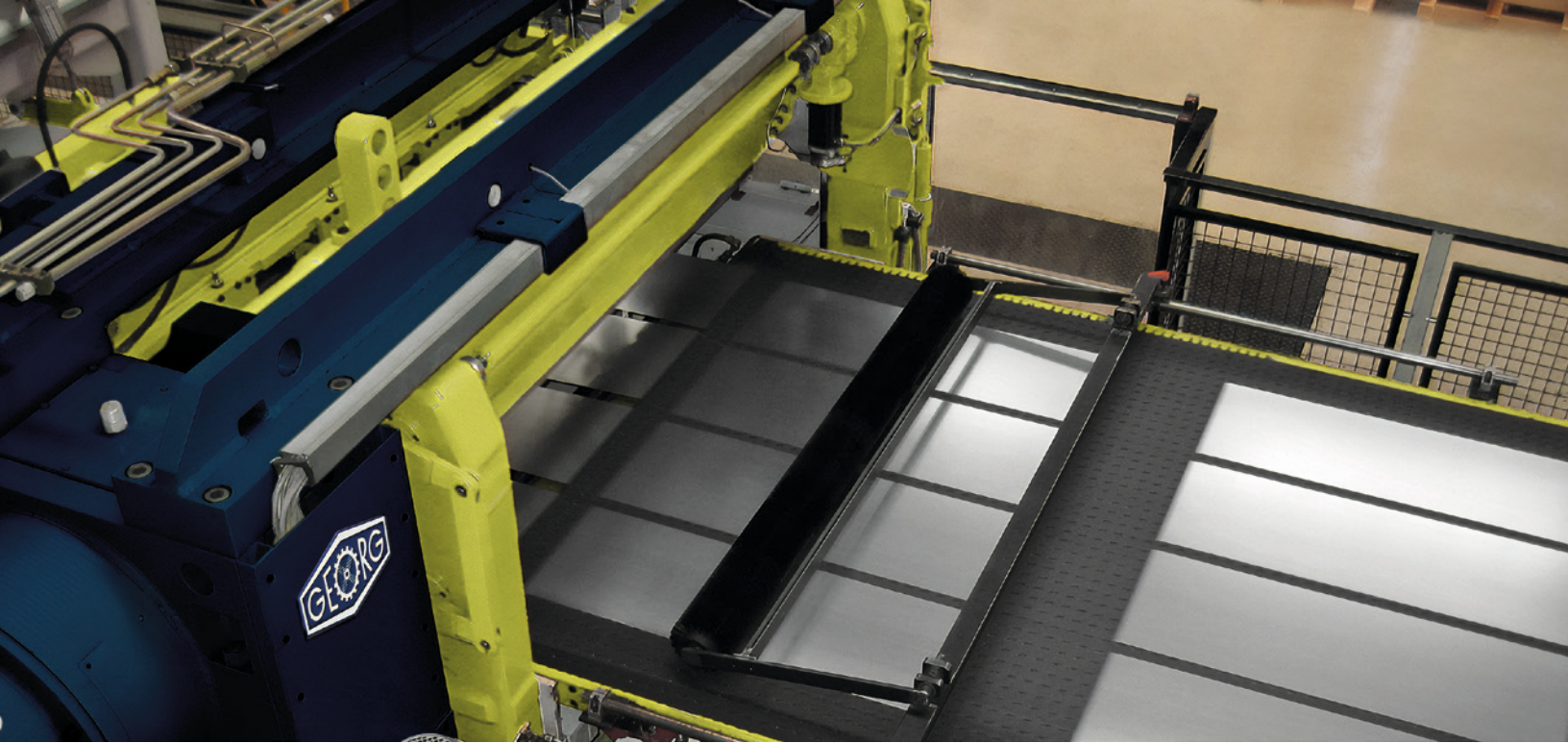


Shear System
continuous cutting



Stacker systems
magnetic
vacuum
mechanical

*Quickfacts show the most common configuration - tailor-made specs are available







GEORG precisionblank

Multiblanking lines

Advantages

- > Automated line pre-adjustment, short set-up time
- > Exact cutting accuracy and angularity of sheets
- > Automatic pallet loading and stack packaging
- > High stacking accuracy with high precision separation of the stacked sheets
- > Exact guiding of the strands
- > Single or double stacking station (according to application)

Quickfacts*

			
Coil weight up to 35,000 kg/ 77 lbs	Coil width up to 1,850 mm/ 73"	Strip Thickness range between 0.40 and 6.35 mm/ 0.015 and 0.25"	Stacker systems magnetic vacuum mechanical air cushion






GEORG precisionpack

Packaging lines

Advantages

- > Highest safety standards with several safety zones for optimal usage and time savings
- > Connection to level 2/3 system and material tracking
- > Automatic placement of rings
- > Automatic strapping
- > Automatic stacking and pallet selection
- > Automatic weighing systems

Quickfacts*

			
Single ring OD 700 – 2100 mm/ 27.56 – 82.68"	Single ring weight 6 metric tons/ 13.227 lbs	Packaging weight 6 metric tons/ 13.227 lbs	Ring height 25 – 500 mm 1.00 – 65.0"
			
Packaging height max. 1200 mm/ max. 47.24"			

*Quickfacts show the most common configuration - tailor-made specs are available

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GEORG Cut-to-length shears

- > Strip materials such as steel, stainless steel, aluminium, copper and their alloys with (yield) strengths of 1,000 N/mm² and more...
- > For strip widths up to 2,800 mm
- > Different version for strip thicknesses from 0.1 to 15 mm



up to 100m/min



3 types:

- > Cropping shear (start/stop)
- > Electric shear (continuous)
- > Flying shear (continuous)

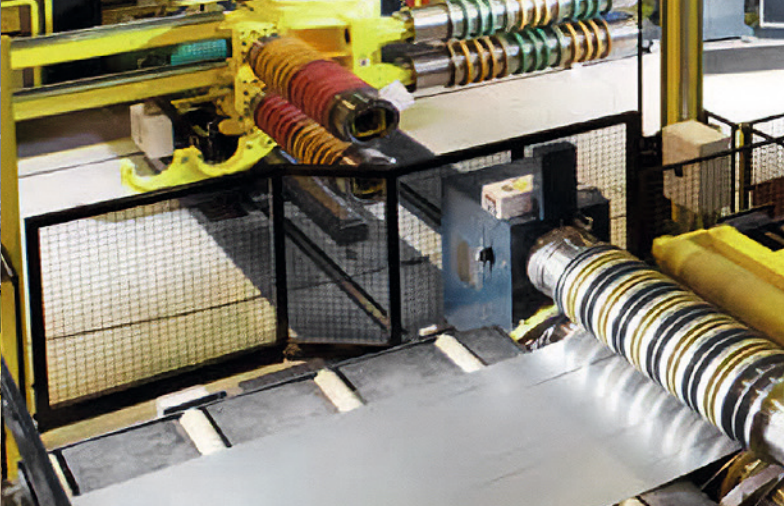


GEORG roller levelers

- > High efficiency with cassette change design. Manual, semi and fully automatic cassette changing
- > Highly automated
- > Additional digitalization features available
- > Various options for individualization
- > Sophisticated and proven design solutions
- > Easy operation

GEORG smart leveling

- > High precision optical measuring device for flatness measurement and quality protocol
- > Intelligent software for visualisation of sheets and flatness defects and assistance for the operator
- > Ongoing development for operator independent leveling quality



GEORG scrap cutter

- > Reduce your scrap depreciation
- > Shimless tooling
- > Automatic adjustment according to the strip thickness
- > Line speed up to 600 m/min
- > 4 or 6 blades per head
- > Different sizes for different materials, strip thicknesses and tensile strengths



GEORG single units

- > Decoiler & Recoiler
- > Edge Trimming Shears / Slitting Shears
- > Stacking systems
- > Cropping shears
- > Electrostatic oiling
- > Automatic separator



"Our passion is to provide you with sustainable solutions to overcome your challenges."

Antonio Garcia, Managing Director & Member of the Board



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