



Jagenberg Converting Solutions

Company overview

Agenda.

01 Jagenberg Group

02 Jagenberg Converting Solutions (JCS)

03 JCS Surfaces

01
Jagenberg Group



Key facts.

2023: ~370

Turnover in Mio. €

Locations in Europe,
China, India and the
USA

Locations

2023: ~1.500

Employees

Klenewefers GmbH
86 %

Jagenberg AG
82 %

Equity ratio

100 %

Private ownership

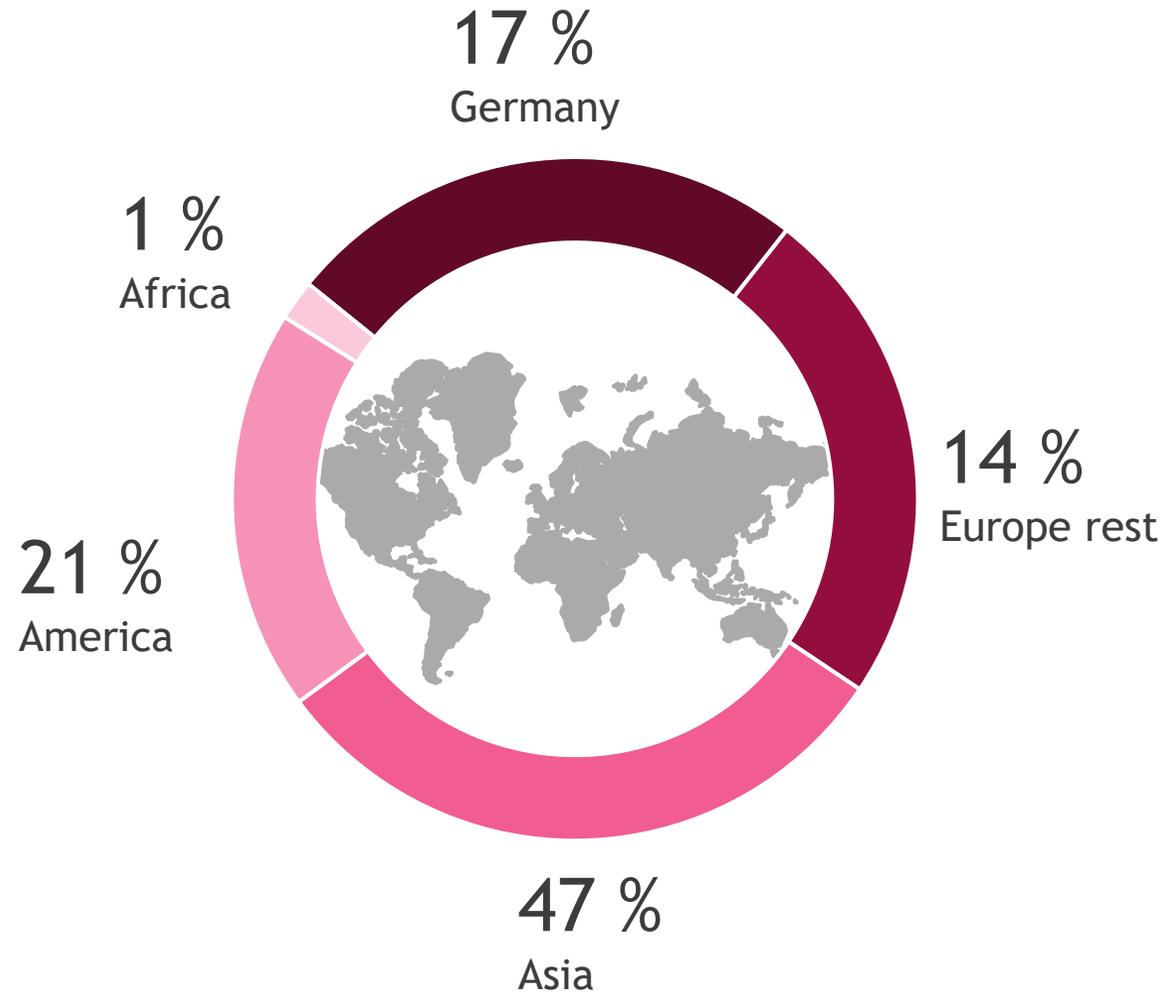
7

Business parks



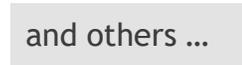
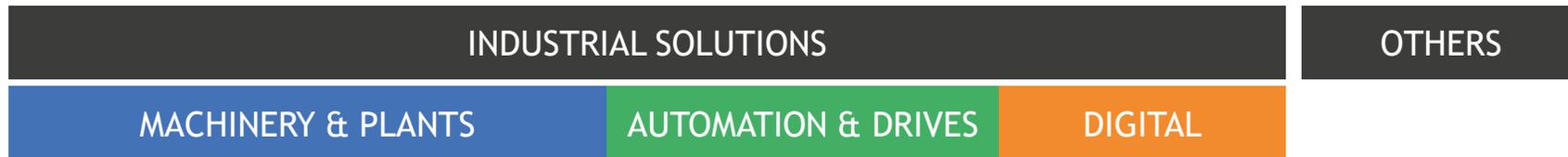
Executive Board
Dr. Christian Jostes
Dr. Stephan Witt

Sales by region.

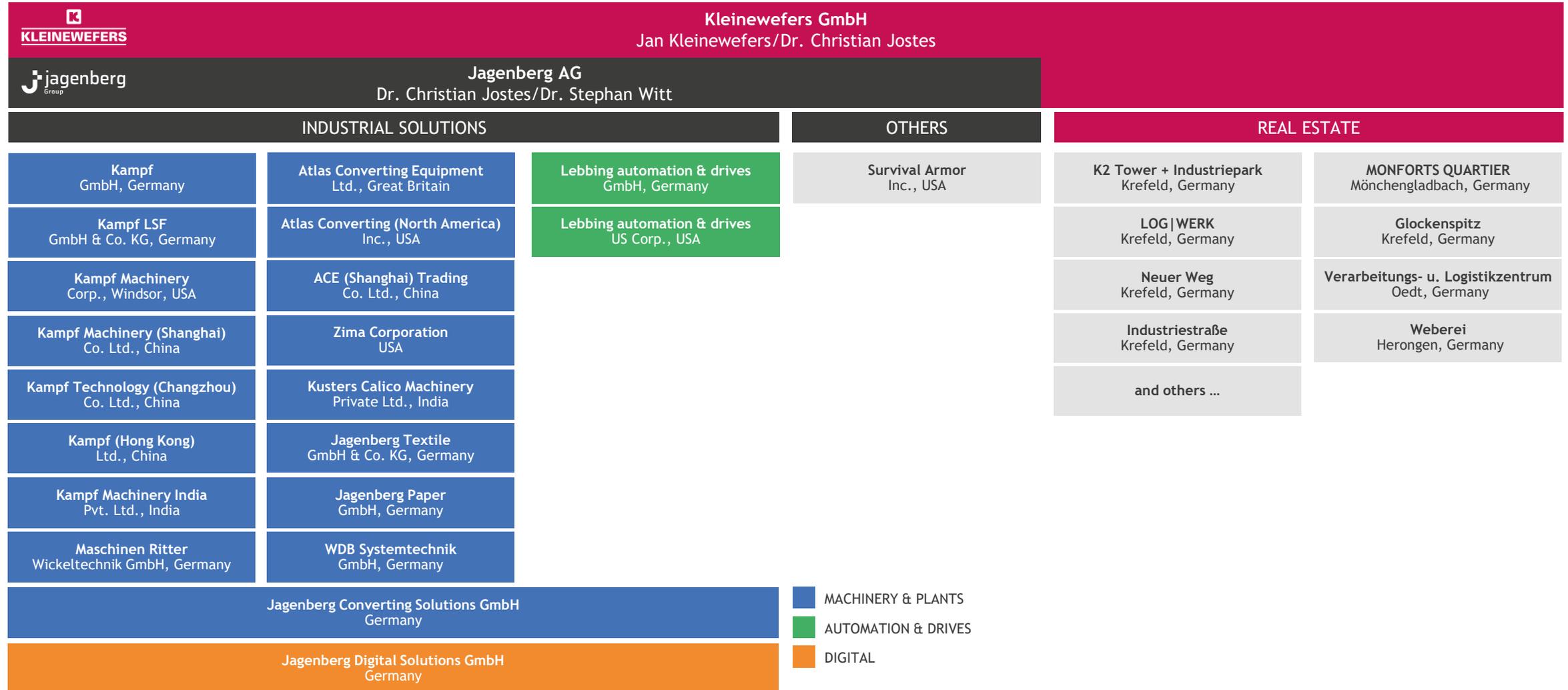


Fiscal year 2023

Kleinewefers Group



Kleinewefers/Jagenberg Group



Our mission statement. Create.Future.Together.



Create.

Innovative technologies for processing web-shaped materials are the historically grown core of the Jagenberg Group and have been our focus for over 140 years. We design creative and future-oriented solutions for our customers. Our thinking is entrepreneurial and our culture mid-sized. Short decision-making processes, a high level of action competence and an agile organization enable us to take successful steps into the future quickly and decisively.

Future.

We are ready to face the dynamic changes that the future holds for all of us - be it technological progress, digitization or climate change. Based on our values, we as a Group are actively working on innovative solutions to harness these megatrends in an economically and ecologically sustainable way for our customers and ourselves.

Together.

Together we are strong! This motto characterizes the cohesion in our group. We face the future as a strong team of doers and creative minds. Together with our customers, suppliers and partners, we create the future. Through a fair and trusting exchange, we learn from each other and build long-term and reliable partnerships together.

Our values. What we care about.

Trust.

Integrity.

Reliability.

Fairness.

Respect.

Openness.

Honesty.

Our fields of application.



Coating/
Laminating



Lacquering/
Embossing



Drying



Printing



Calendering



Slitting/Winding/
Spooling



Handling



Dyeing/Bleaching/
Mercerising



Automation
& Drives



Machine safety/
CE-conformity



Digitization

CARING FOR
THE FUTURE.



Sustainability Strategy. Caring for the Future.

Our sustainability strategy systematically signifies our commitment to take responsibility and minimize negative environmental impacts.

We respond to challenges by making the most of our strengths and skills and sharing our knowledge within the Group and with our suppliers and customers. Our comprehensive approach enables us to adopt new perspectives and develop sustainable solutions.



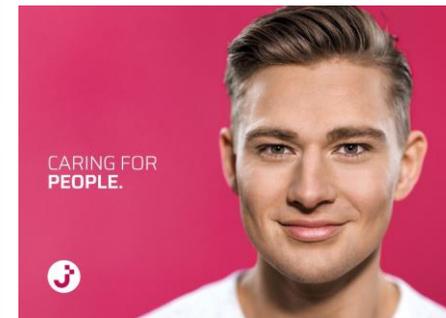
Sustainability Strategy. Our Sustainability Report.



Climate action



Resource awareness

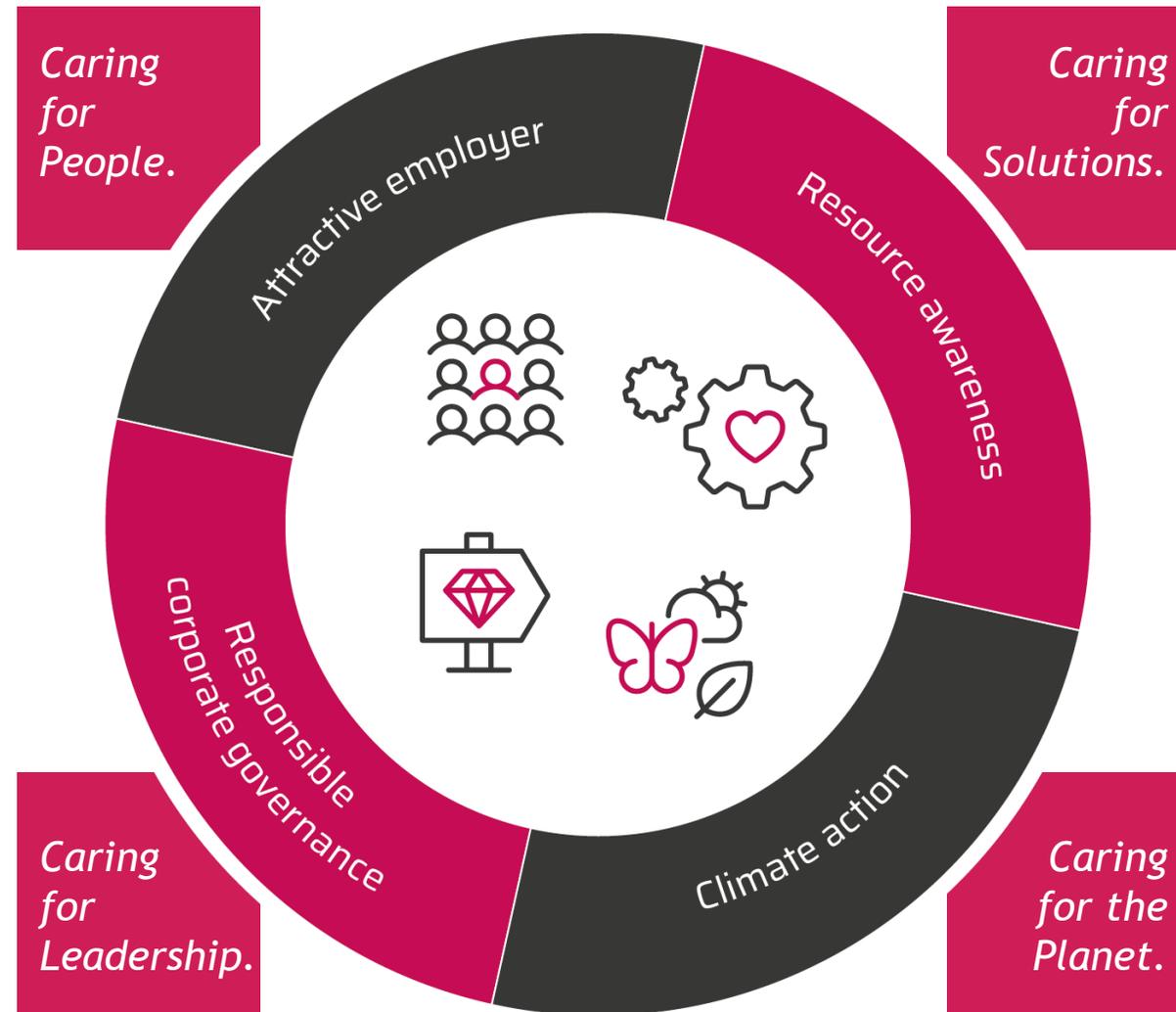


Attractive employer



Corporate governance

Sustainability Strategie. Guiding themes.



Sustainability Strategy.

Our fields of action.

We concentrate on the following action areas:



Climate action

We support the Paris Agreement and are actively helping to reduce carbon emissions.



Resource awareness

We establish a responsible approach to the use of resources along the entire value chain.



Attractive employer

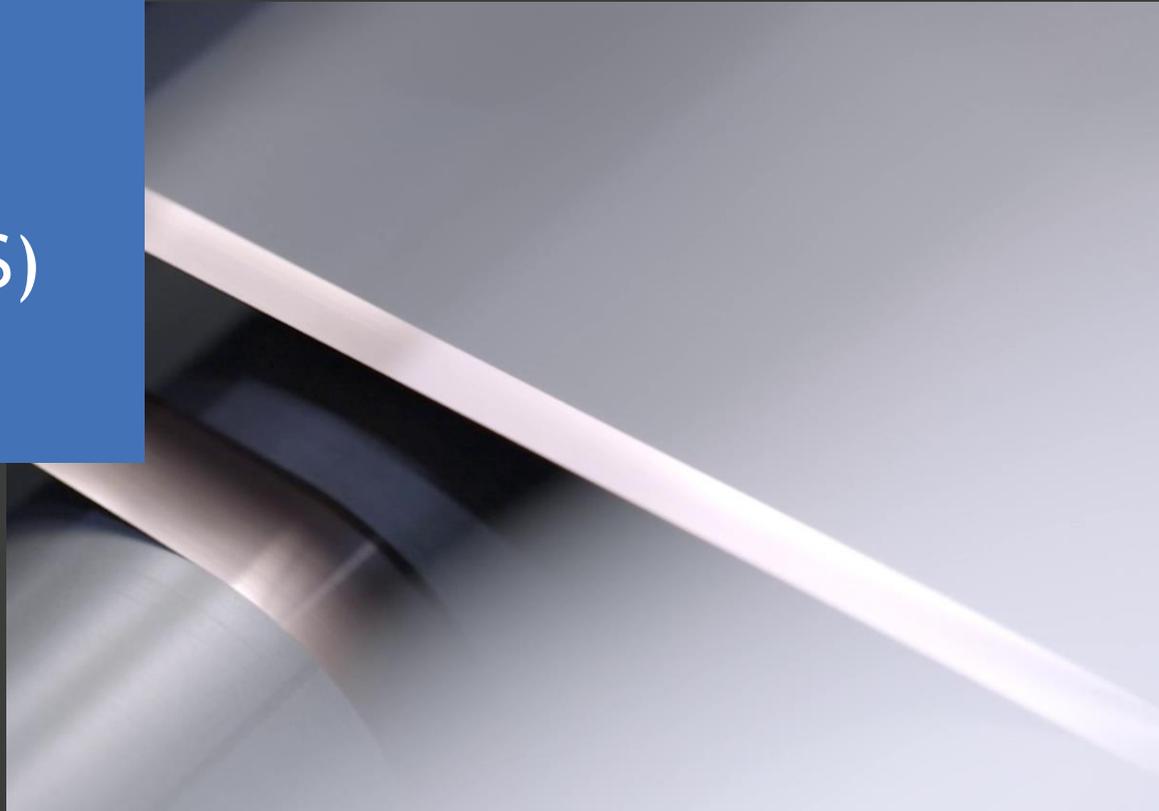
As an employer, we attach great importance to treating our employees responsibly and respectfully. We create attractive conditions to promote personal and professional development.

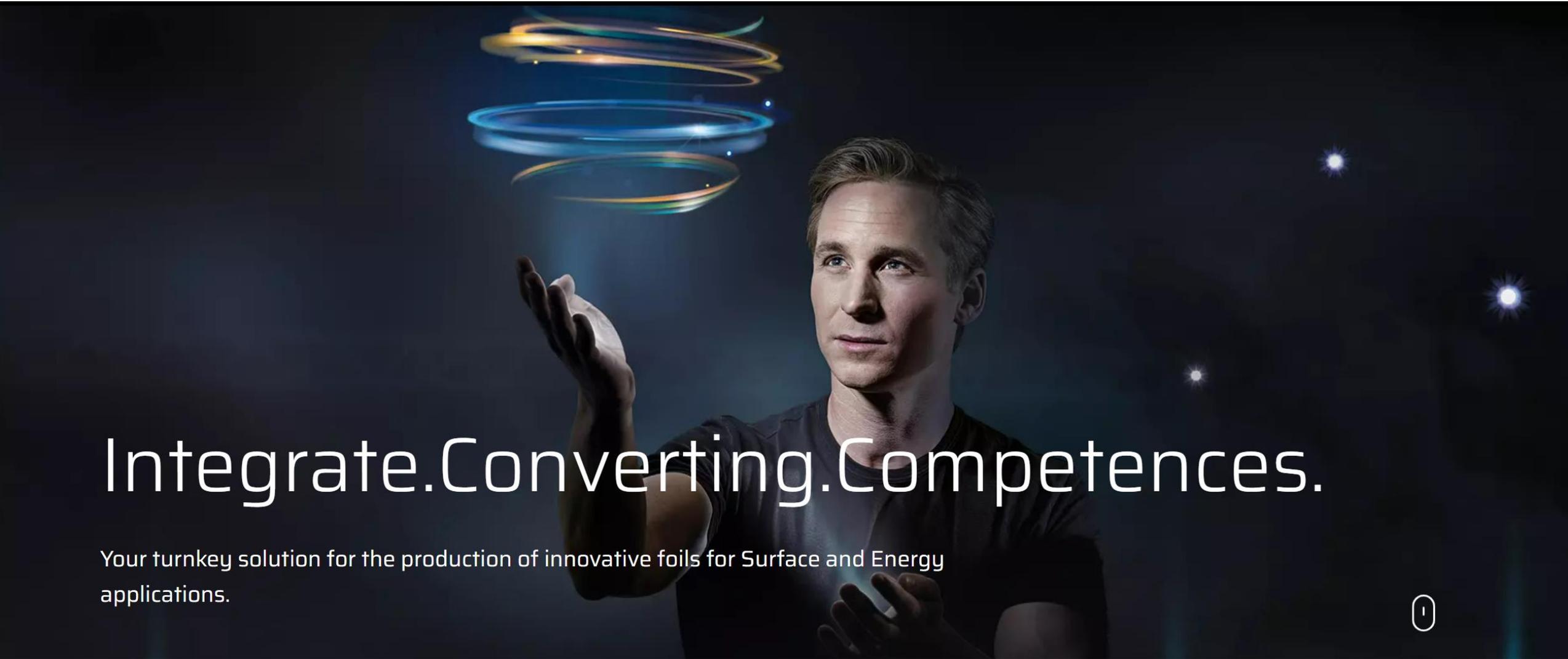


Responsible corporate governance

In line with our value system, we act on the basis of irreproachable conduct from an ethical and legal perspective.

02
Jagenberg
Converting
Solutions (JCS)





Integrate.Converting.Competences.

Your turnkey solution for the production of innovative foils for Surface and Energy applications.



The company at a glance

JCS integrates competences and technologies into a single solution for applications in the Energy and Surfaces industries. We thereby extend our own products with state-of-the-art components and services from other members of Jagenberg Group.

Purpose

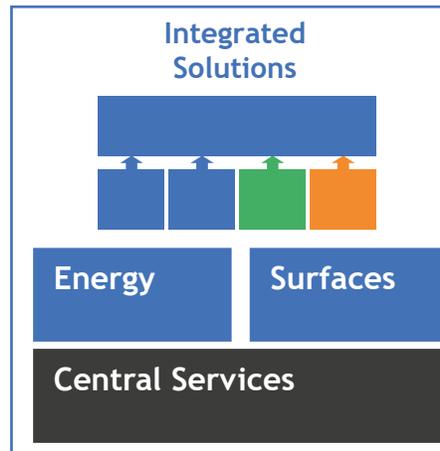
Bocholt
Krefeld
Hamburg
Erlangen
Ostwestfalen-Lippe

Locations

>80 employees
and **>500**

located within other
Group companies

Employees



Management Team

Thomas Lebbing (Managing Director)
Guido Lebbing (Managing Director)
Steffen Heckmann (Managing Director)

Where we are active

Energy

Battery

Fuel Cell



Serial production equipment

Turnkey

Components

Process know how

Surfaces

Décor
printing

Coating



Décor printing
product lines

Coating
modular kit

Turnkey

Components

Process know how

Where we are located

Energy

Hamburg & Erlangen



Battery

Fuel Cell

Surfaces

Schloß Holte-Stukenbrock & Enger



Décor printing

Coating

Central Services

Krefeld & Bocholt



Finance &
Controlling

Marketing

Human
Resources

Sustainability

IT

M&A / PMI

Where you can find us

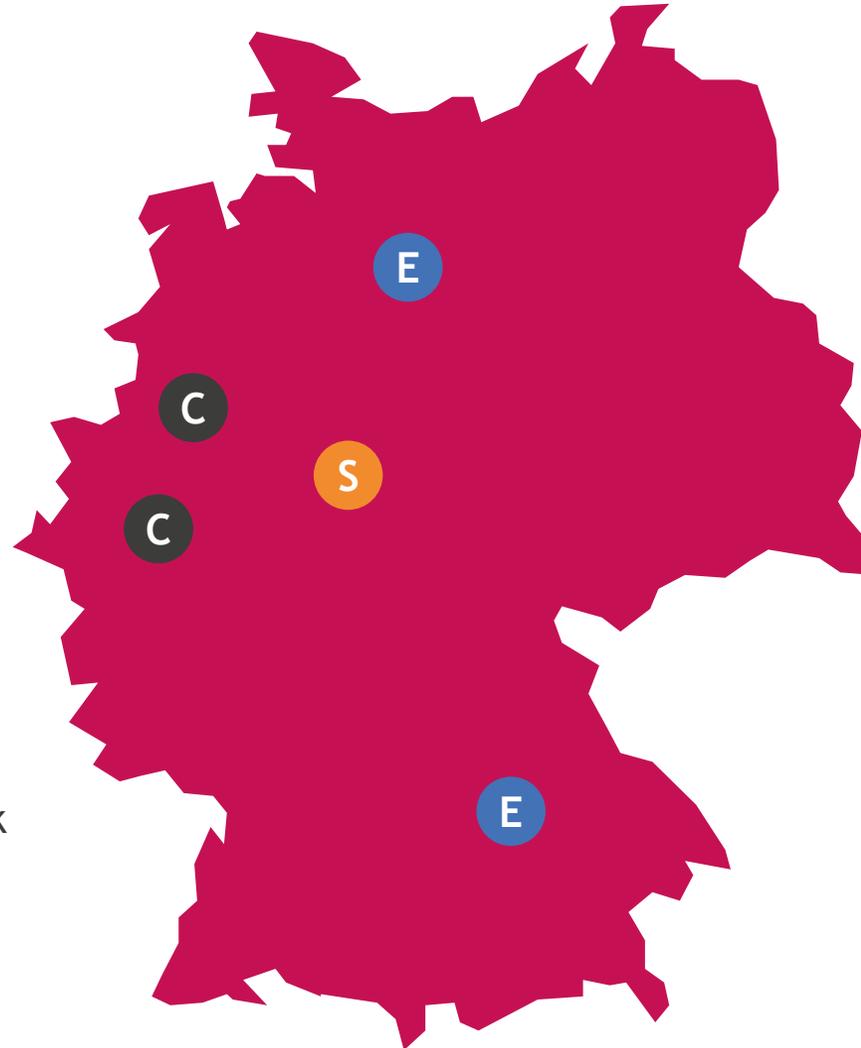
Energy **E**

Friesenweg 32a
22763 Hamburg
+49 40 2285 107-0

Am Weichselgarten 34
91058 Erlangen
+49 9131 932 86 80

Surfaces **S**

Hellweg 130
33758 Schloß Holte-Stukenbrock
+49 5207 986 76 02



Central Services **C**

Kleinewefersstr. 1
47803 Krefeld
+49 2151 93 40 99-0

Konrad-Zuse-Straße 16
46397 Bocholt
+49 2871 2412-500

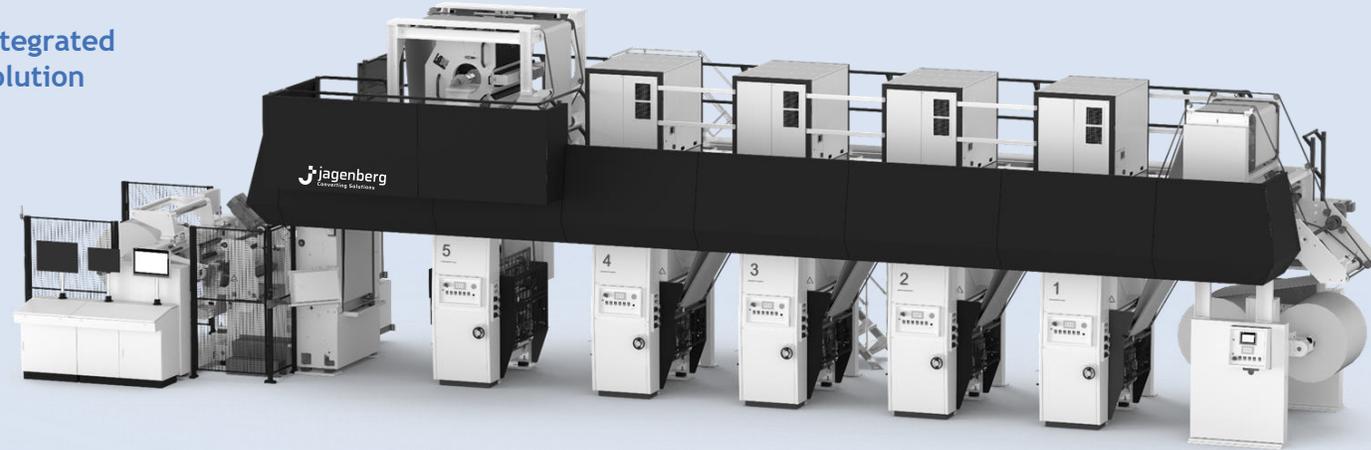
03
JCS Surfaces



State of the art equipment for printing applications



Production
turnkey
equipment



Components for
your individual
application

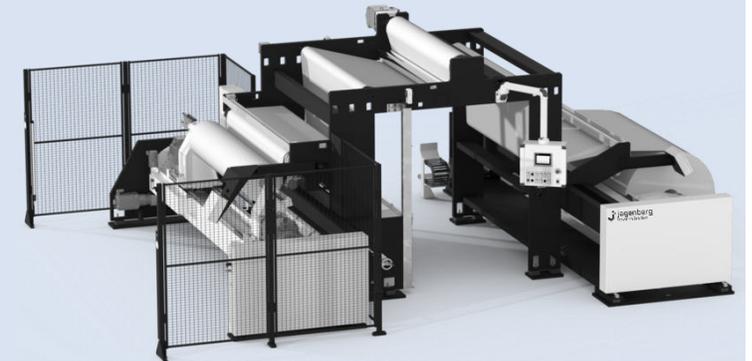
Winder



Printing, Lacquering &
Coating unit

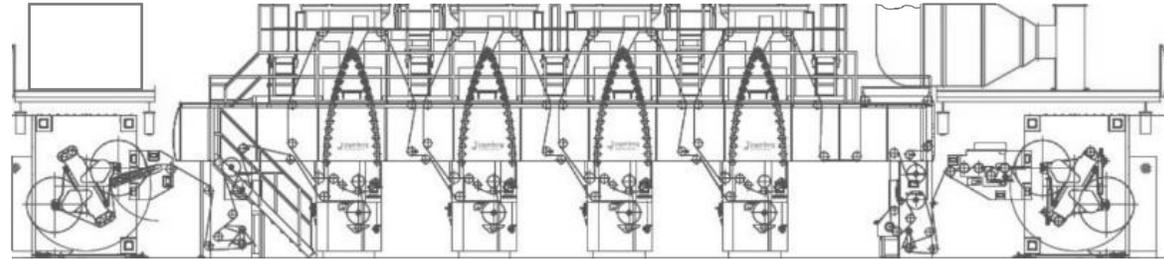


Re-winder



Product lines for printing applications

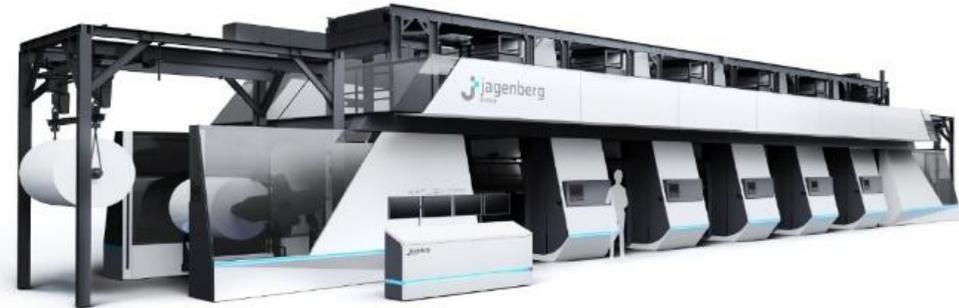
Performance Paper



Main characteristics

- Higher speed
- Increased efficiency
- Many options
- New technologies

Performance Film



Main characteristics

- Optimized for film (PVC)
- Advanced drying technology

Economy Film & Paper



Main characteristics

- Moderate speed
- Highly standardized components
- Designed in Germany, built in India

Our turnkey solutions

Project Mgmt.

Turnkey

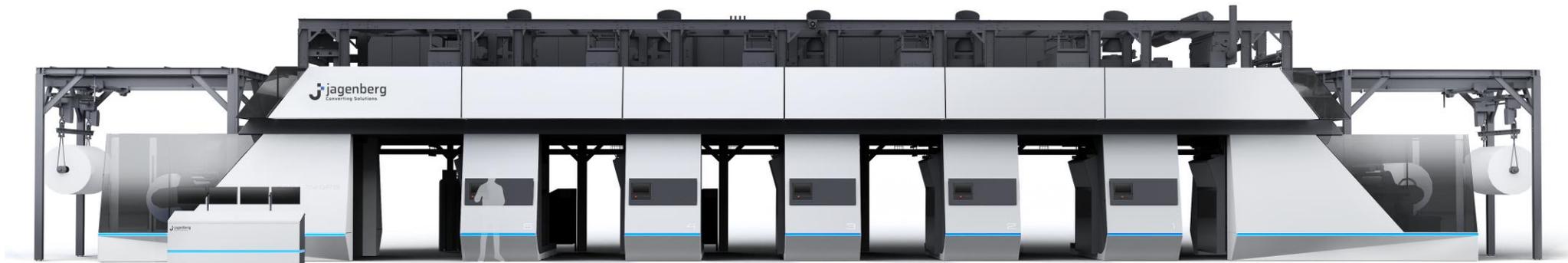


Integrate.Converting.Competences.

Lead
engineering

Technology

Your general contractor.
Integrates all competences in state-of-the-art
surface production lines



Converting.Processing.Unlimited.

Unwinder

Rewinder

Coating units



Unique.Surface.Ideas.

Web handling

Printing units

Lacquering units



Textile.Converting.Excellence.

“Neptune”

Standardized
Components



Automation.Drives.Future.

Automation

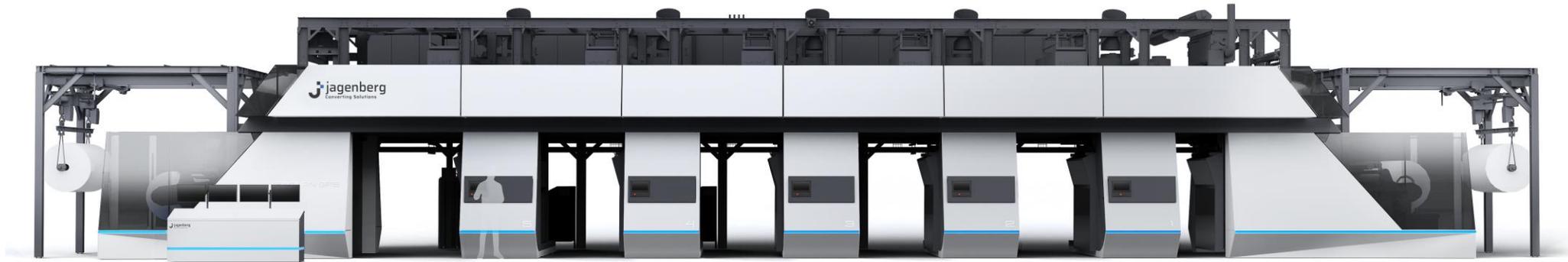
Safety



Connect.Develop.Advance.

Digitization

Our offering



Converting.Processing.Unlimited.

Special machine engineering company which develop special solutions for processing and finishing of web-shaped materials

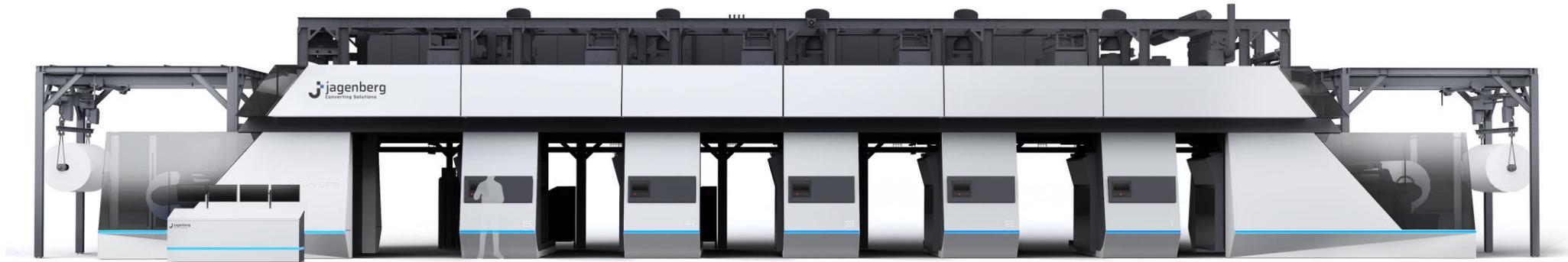
Turret unwinder with auto-splice

Turret rewinder

Coating units



Our offering

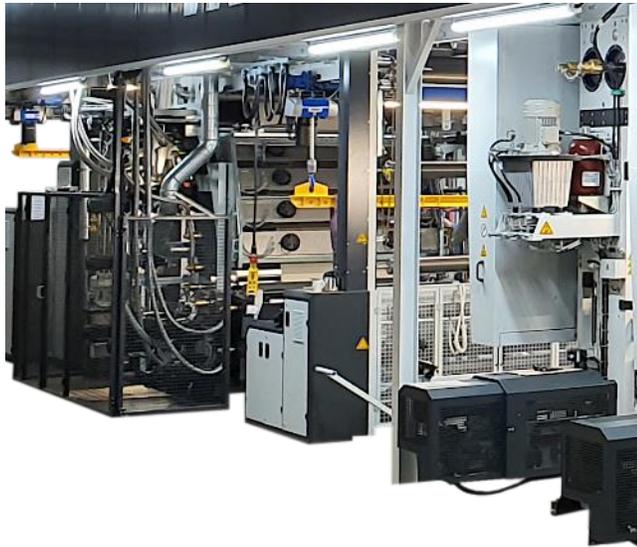


Jagenberg Group

Unique.Surface.Ideas.

Special machine engineering company which develops special solutions for decor applications

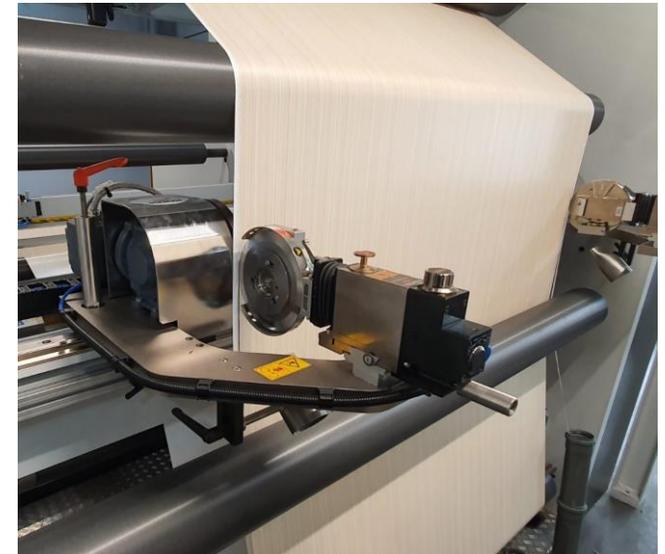
Printing units



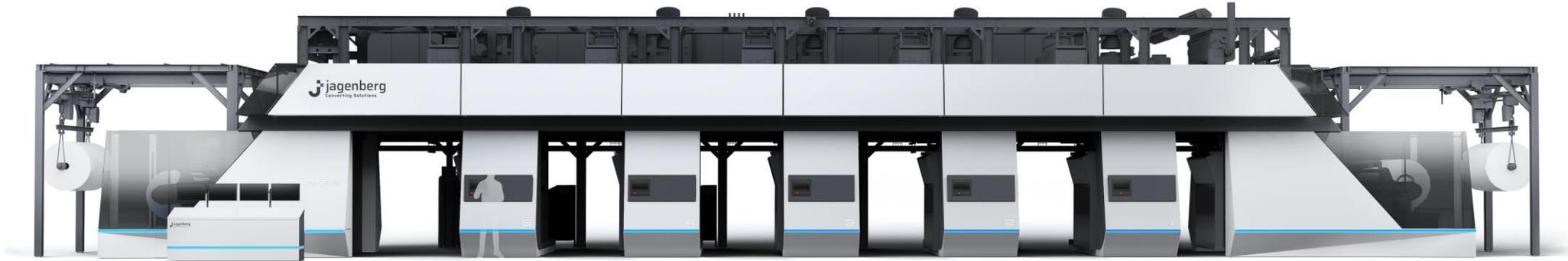
Lacquering units



Web handling



Our offering



Automation.Drives.Future.

Partner for all questions concerning drive and automation technology. Conceptual design, construction and production of electrical and switchgear systems

Drive technology

Mechatronic drive concepts.
From operating units to cabinet rows or complex switchgear containers for large systems.

Control technology

PLC & HMI operating and monitoring systems.
Pioneering technologies for operation and monitoring and for process visualization.

Data systems

Software development/ visualization systems.
Development of comprehensive visualizations with maximum transparency across all layers.

Panel shop

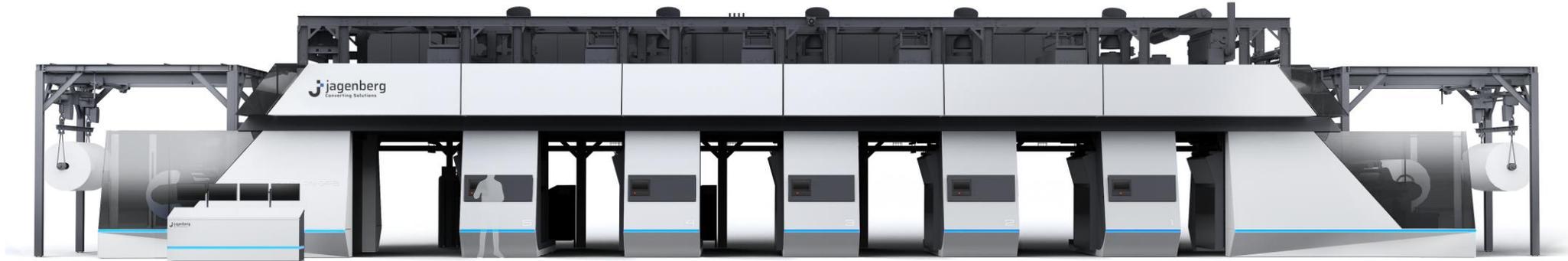
CE and UL certified panel shop.
With our own panel shop, we provide highest reliability for your delivery schedule.

Start up

Electrical installation / commissioning.
Team of globally experienced professional technicians and engineers for the installation and commissioning of systems "on-site".



Our offering



Automation.Drives.Future.

Lauer CE-Safety

For more than 25 years an expert in all issues relating to CE marking, risk assessment, functional safety, assembly instruction and machine safety

CE Marking & Risk assessment

CE compliance.

From precise risk analysis and risk evaluation following the applicable directives to comprehensive research and analysis of standards (i.e. DIN EN ISO 12100) as well as safety-related review of machinery under construction.

User manuals & assembly instructions

Operating instructions and technical documentation.

We provide full service in creating complete preparation of operating and assembling instructions or alternatively evaluates pre-prepared technical documentation and supports the creating process at the customers site by training.

Functional Safety Engineering (FSE)

EN ISO 13849 application.

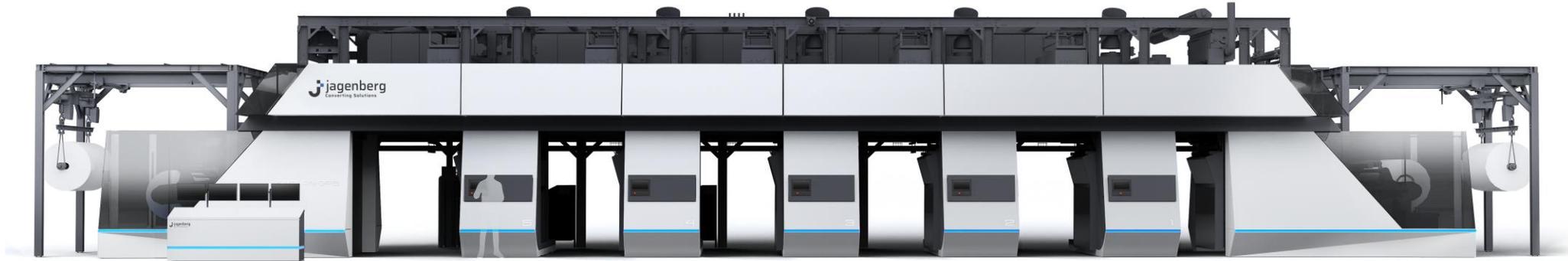
Our specially trained control engineers support machinery constructors by designing, verifying and validating safety functions.

Professional CE-software

Directives, risks and draw up manuals.

With the right software, these tasks can be completed faster and more efficiently. We offer proven CE-software products that are continuously updated.

Our offering



Connect.Develop.Advance.

We focus on improving processes in production and thus optimizing the efficiency of companies across the entire value chain

IloT platform



IloT for your equipment.
The platform offers digital intelligence for manufacturing. It connects machines, production and companies. It monitors production and bundles all relevant information for high production quality, resource conservation and low downtimes

Data management



Digitized manufacturing.
Manufacturing is brought to a new level. Our solutions enable direct interfaces to ERP-Systems, communication to MES-Systems as well as support traceability through roll protocols

Smart sensors



Smart data harvester.
There are many different factors that can influence maintenance cycles and product quality. the@dge unit is simply installed and connected via LAN cable (PoE) and communicates with our IloT platform.

How to reach us

Guido Lebbing
Managing Director Surfaces



guido.lebbing@jagenberg-converting.com

Jagenberg Converting Solutions GmbH

Konrad-Zuse-Str. 16
46397 Bocholt

info@jagenberg-converting.com