

Company Presentation

MISSION

OUR DEVELOPMENT FIELDS

STRATEGIC PRIORITIES

WE MAKE IT POSSIBLE



We *fill* Visions with Life.

Company Profile

groninger
PHARMA

groninger
CONSUMER
HEALTHCARE

groninger
COSMETICS

groninger
SERVICE

groninger
KARRIERE

Products

Specialized machinery for the Pharmaceutical, Consumer Healthcare & Cosmetics industry

Locations

Crailsheim & Schnelldorf in Germany, Charlotte in USA

Representatives

Worldwide in over 40 countries

Founding

1980

Management

Jens Groninger, Volker Groninger

Employees

Worldwide 1400

Turnover

170 Million Euros, 90% Export



State of the art technology, made in Germany.
Worldwide.



Crailsheim
Germany



Schnelldorf
Germany



Charlotte
USA

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Crailsheim facility



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Schnelldorf facility



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groninger USA – Service North America

In-House Support

- Parts design, parts manufacturing
- Telephone and video support, service operations
- Customer specific trainings

On-Site Support

- USA located engineers
- Installation, production support, trouble-shooting
- Inspection & preventive maintenance, upgrades

Retrofit/Re-build of machines

- Equipment overhaul, PLC, electrical & mechanical updates
- Set-up of new formats, machine integration
- Class 1 (explosion proof) conversion from ATEX to NEC

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Manufacturing & Assembly

- Mono-block machine design, manufacturing, assembly
- Spare, wear & format parts manufacturing
- Identification, tracking of part consumption per machine



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HEALTHCARE

Product range for pharmaceutical products



Pre-sterilized syringes in nests



Glass syringes in bulk



Plastic syringes in bulk



Cartridges



Vials



Eye drop bottles, nasal sprays



Diagnostics



Other liquid products

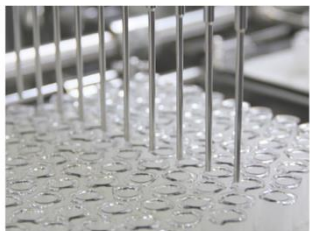
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OUR MISSION



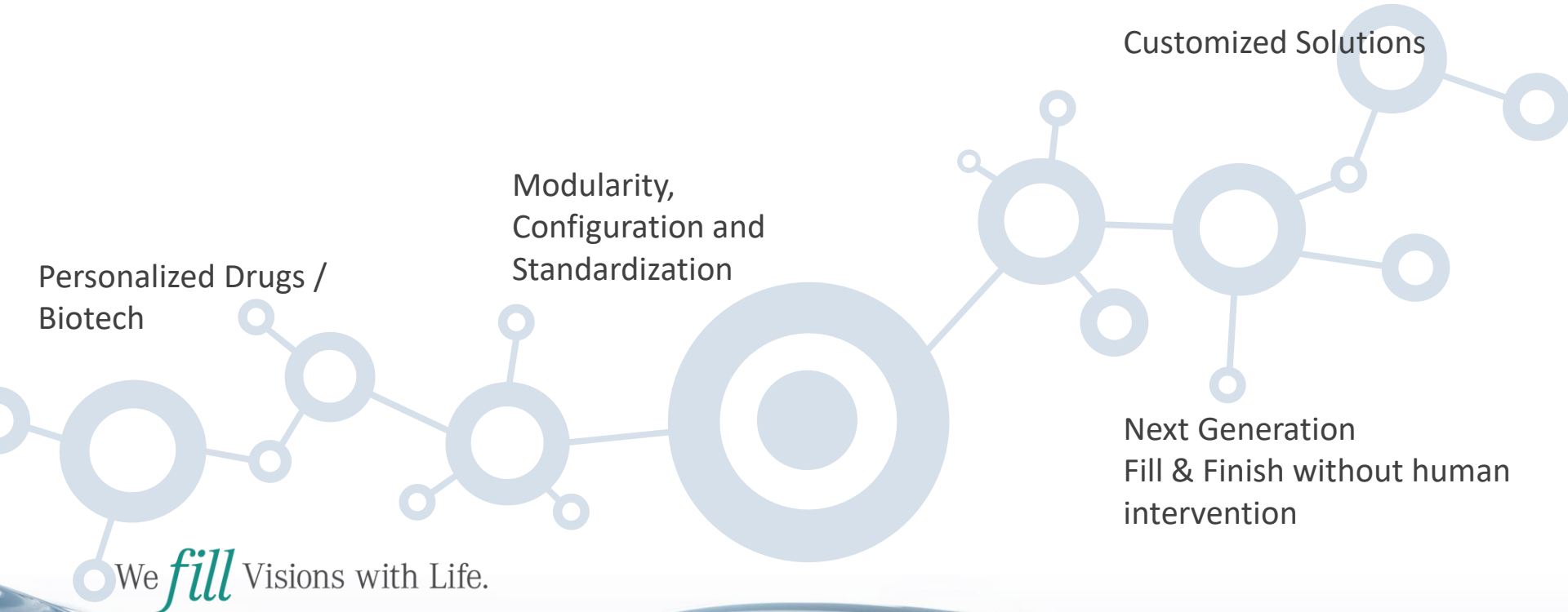
We want to be our customers' technology leader throughout the entire product and machine lifecycle.

We want to be the reliable partner for our employees.

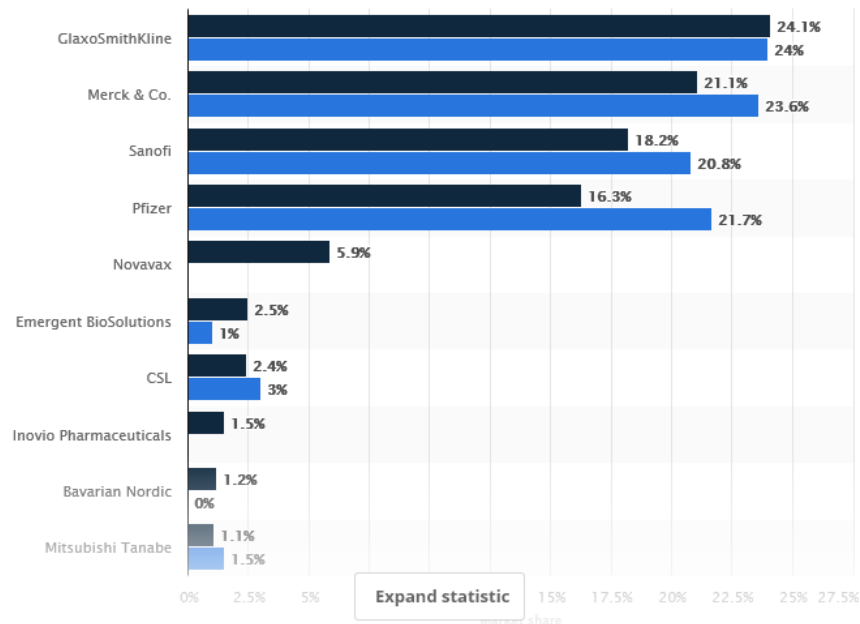


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OUR DEVELOPMENT FIELDS



Top 10 pharmaceutical companies based on global vaccine revenue market share in 2017 and 2024



Groninger do have more than 52 vaccine filling- and closing lines in operation around the world !



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1

Reshape the portfolio

2

Deliver outstanding
solutions

3

Sustain innovation
in R&D

4

Simplify the
organization



INTEGRA

A GRONINGER and SKAN Solution

Aseptic and toxic processing in bulk

Technical Highlights:

- Shortest set-up time
- Highest usability
- Highest machine efficiency
- Versatile fields of applications



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FLEXPRO 50

GRONINGER BUSINESS LINE

Modular machine concept for aseptic processing of ready-to-use objects

Technical Highlights:

- Processing up to 4,500 objects / hour
- Processing range comprises all common nested RTU
- All process steps executed manually or fully automated
- Manual or fully automated IPC up to 100%
- Fully automated single container reject station
- Accessibility of machine modules from both sides



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Filling and closing.
Innovation is our standard.

- More than 9,000 machines worldwide installed
- 20% of workforce only in engineering and R&D, finding the best solutions for all kind of bulk and nested products for sterile and none sterile fill / finish / assembly machinery
- Over 57 patents submitted



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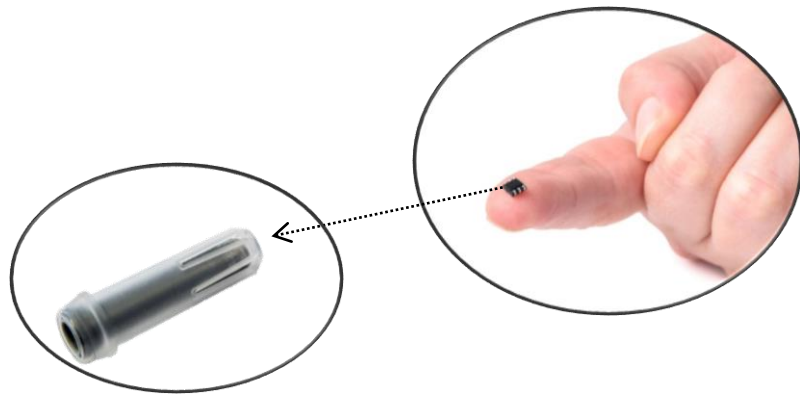
Sustain innovation in R&D

4

Simplify the
organization

Smart Connection

Industry-wide standard for the connection to MES systems via interface OPC-UA to the WERUM product PAS-X.



Smart Packaging

Manufacturer-independent platform technology for intelligent and customizable primary packaging with RFID Chip integration on each individually filled syringe.

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Smart Sensors

Security and support for format changes through the use of Data Matrix Codes.



Smart Service

Use of the data glasses including the groninger Smart Service App.

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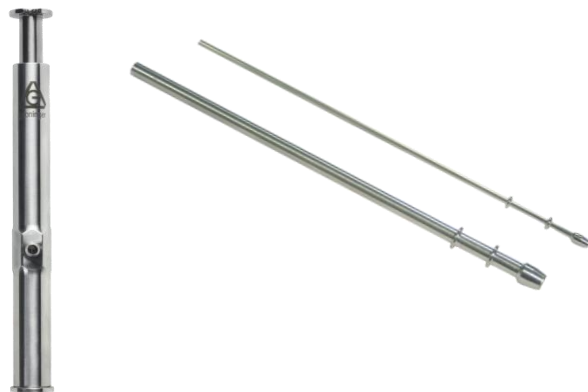
4

Simplify the
organization



Smart Filling

Single-Use Filling Equipment with unique groninger
Rotary Piston Pump in Partnership with Merck.



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WE MAKE IT POSSIBLE, because we are

Experts in the machine range of:

- Sorting
- Cleaning & Sterilizing
- Filling & Closing
- Assembly & Labeling
- Palletizing

Service-driven because customer satisfaction is the highest priority



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