

EN

HOW ARE YOU FILLING TODAY?

OUR APPLICATIONS



BEER

- Beer
- Speciality beer
- Alcohol free beer
- Beermix



SOFT DRINKS

- Still & carbonated



WINE

- Wine
- Sparkling wine
- Cider



JUICES

- Fruit & vegetables juices



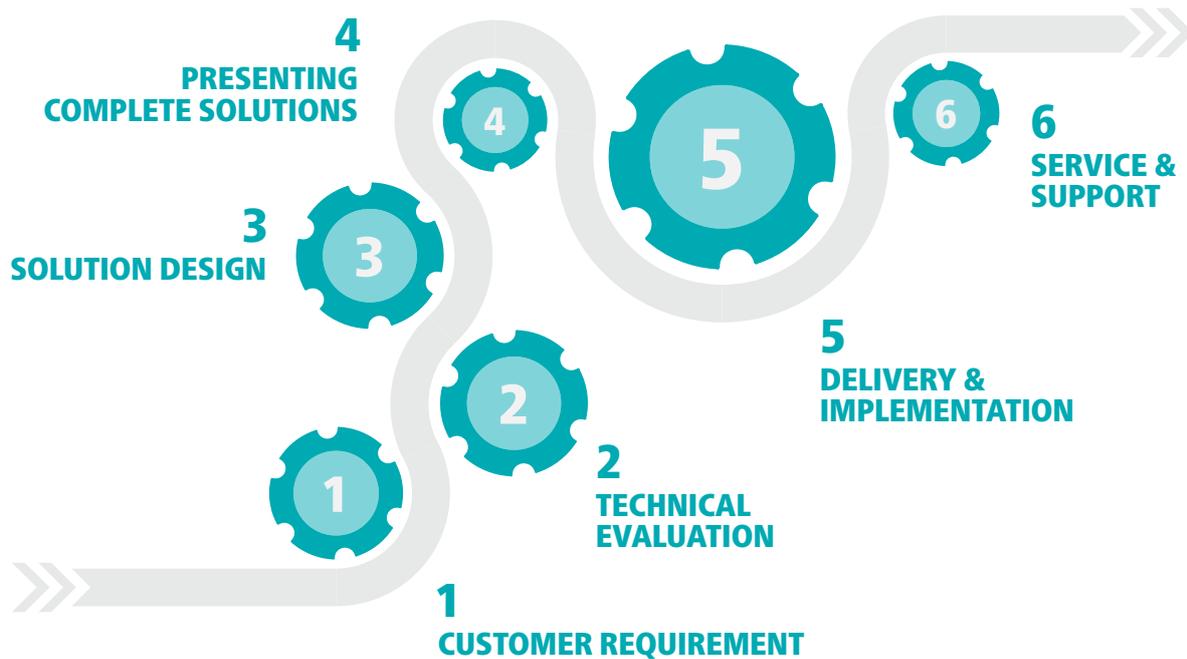
SPIRITS

- Spirits
- Liquors
- Alcopops

FROM REQUIREMENT TO SOLUTION

Adapting to customer needs is a core focus at VIPOLL. We customize our machines for specific, variable and sustainable solutions to meet the expectations of our customer.

VIPOLL's engineering team designs highly efficient lines across numerous market segments. With our commitment to innovation, we provide simple and costs effective solutions that maximize line efficiency and develop process solutions according to customer specific requirements.

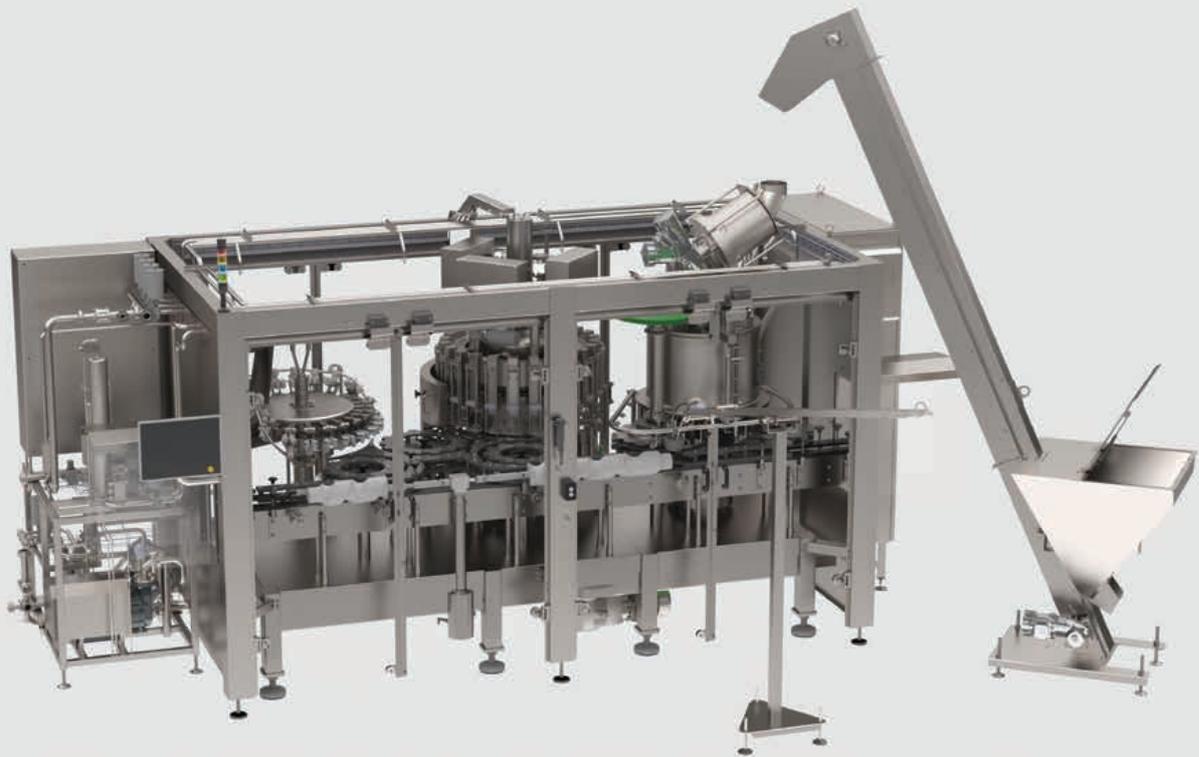


CUSTOMER SUPPORT

- Personalized single-point service
- Support team ready to assist with any inquiries and concerns
- Providing aftercare packages to:
 - Speed-up spare parts delivery
 - Ensure the highest standard of the service
 - Adapt to the customer's needs



FILLING SOLUTIONS



SMALL-IN-SERIES

SMALL-IN-ONE

- Single machine handling glass bottles, cans and PET bottles
- Industry leading changeover time

SMALL-IN-GLASS

- Configuration with or without rinser possible
- Option: filling PET bottles

SMALL-IN-PET

- Multifformat handling of different PET bottles and caps
- Pre-evacuation of PET bottles possible

SMALL-IN-CAN

- Configuration with or without rinser possible
- VIPOLL can seamer in the filler housing

Highlights

- Flexible, compact design with standardized modules
- Proven technology based on ALL-IN-SERIES
- Monitoring and data visualization
- Combining different closing applications on a single turret
- Tool free changeover of format parts
- Ready for commercial production within two weeks after start of installation
- Sustainable solutions already built in (e.g. water saving...)
- Hot fill system available as an option

SMALL-IN-SERIES

Speed range	<ul style="list-style-type: none">• For glass & can combined: from 5.000 up to 10.000 cph• For glass: from 5.000 up to 10.000 cph.• For PET: from 5.000 up to 10.000 cph.• For cans only: from 5.000 up to 18.000 cph
Solution type	Standardized modules
Sizes & capping configurations	3 different sizes; limited configurations
Filling system(s)	Standardized filling system
Upgrade with another closing	Possible to add the second capping turret in the same housing, even after years
Lid and cap treatment	Disinfection not possible
Execution	Main motor & gears
Lead time	6 months

FILLING SOLUTIONS



Highlights

- Tailor made solutions according to specific customer requirements
- Flexible and hygienic filling systems
- Monitoring and data visualization
- Smart handling of different container shapes and sizes with a variety of closures and products
- Combining different closing applications on a single turret
- Reduced change-over times
- Upgradable with:
 - Different filling and capping solutions (e.g hot filling...)
 - Sustainable solutions (e.g. water saving...)
 - Hygienic solutions (e.g. closure disinfection...)

ALL-IN-SERIES

- For glass & cans combined: from 5.000 up to 30.000 cph.
- For glass: from 5.000 up to 40.000 cph.
- For PET: from 5.000 up to 30.000 cph.
- For cans only: from 5.000 up to 50.000 cph

Tailor made solution

Several different sizes;
unlimited configurations

Several different filling systems

Has to be foreseen in design phase or
external turrets possible

Disinfection possible

Servo drives

8-12 months

ALL-IN-SERIES

ALL-IN-ONE

- Single machine handling glass bottles, cans and PET bottles
- Industry leading changeover time
- Tailor-made solution with nearly unlimited configurations

ALL-IN-GLASS

- Single machine handling up to 100 different glass bottles (optionally PET bottles)
- Option: Universal format parts for different bottle sizes and shapes

ALL-IN-PET

- Multifformat handling of different PET bottles and caps
- Pre-evacuation of PET bottles possible

ALL-IN-CAN

- Rotary rinser with universal grippers for all can types or gravity can rinser
- Can pre-evacuation and undercover gassing with bubble breaker for low O₂ pick-up

BOTTLE / CAN CONVEYORS



FEATURES

- Transport conveyors for different containers (glass, cans and PET bottles)
- Possibility of plastic or stainless-steel chain
- Options: internal chain cleaning, dripping plates and cover of conveyors



Product stabilization

Wine filtration:

- Automated process
- Modular sterile filtration with single or double prefilters
- Automated integrity test

Flash pasteurization:

- High flexibility fitting for beer, hot fill & cold fill soft drinks
- Hot or cold product deaeration
- Real time pasteurizing and cooling temperature control
- Option: hot deaeration with aroma recovery

Special application:

- Yeast dosing
- Color dosing
- Changeable holding zone for different PUs

Product preparation

Mixing & carbonization:

- Multiple beverage applications
- Product mixture carbonization
- Syrup dosing point
- Real time dosing corrections for CO₂ and Brix based on sensors readouts

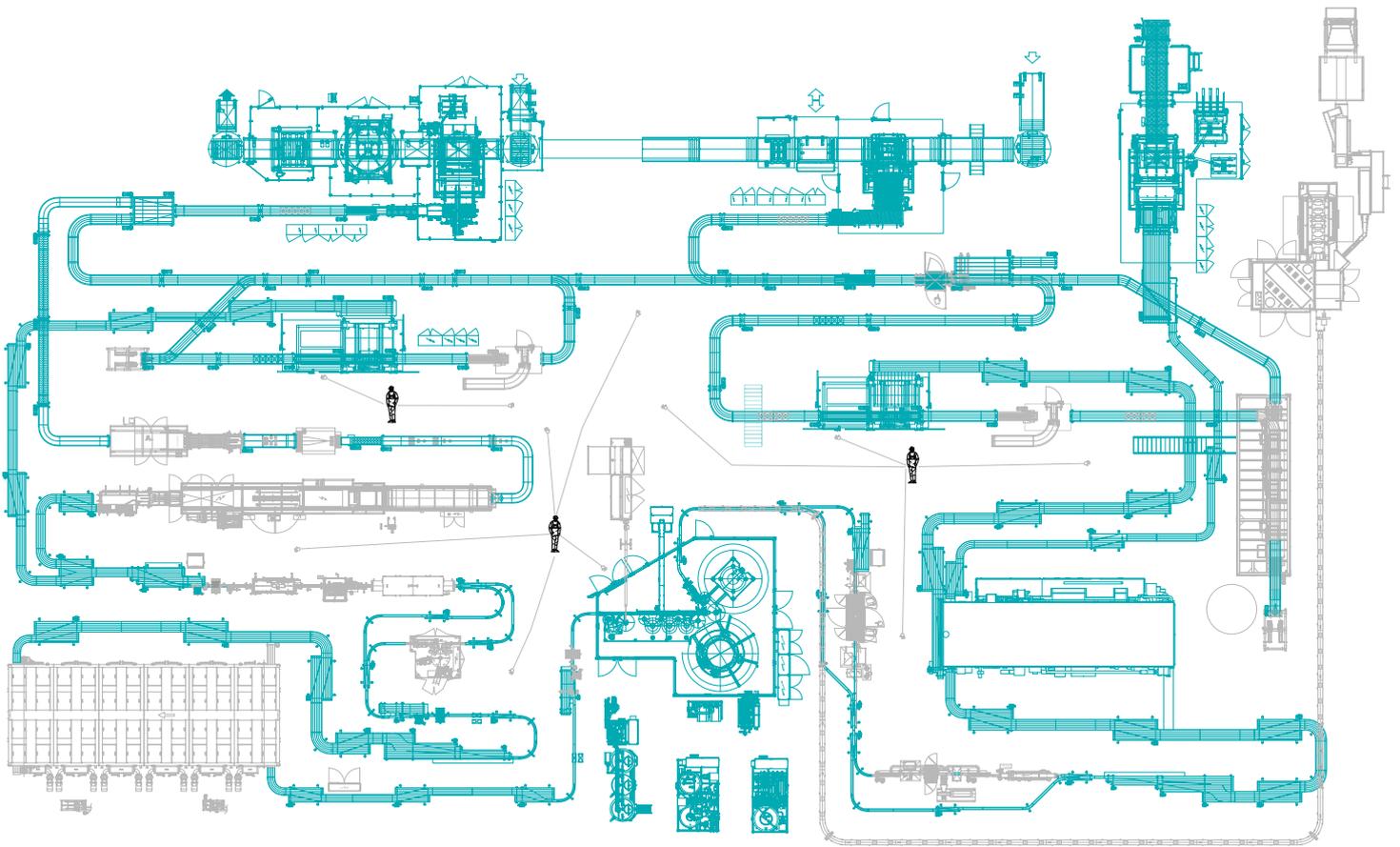
Water deaeration

- High flexibility adapted to requirements
- Column degassing for high gravity brewing
- Suitable for flash pasteurizer

Cleaning in place (CIP)

- Standardized or customized solutions for CIP
- Completely automatic system
- Enables different cleaning settings and procedures
- Real time CIP quality control (temperature, conductivity, time ...)

PROCESS EQUIPMENT



SUSTAINABILITY

To follow the path toward sustainable future for everybody, every sector of industry needs to optimize resource consumption, cut waste and minimize carbon footprint. This will boost new growth potential and pave the way for progress in all three ESG aspects (Environment, Society, Governance).

At VIPOLL we have developed efficient filling technologies, which enables our customers to achieve durability and environmental compatibility of products and services.

When designing our solutions, we always strive for:

- Compact design that effectively requires less stainless steel in its construction, which also indirectly helps to reduce environmental impact;
- Optimization of water usage with an integrated water recirculation system (same water is used for three different operations – rinsers, bottle shower and vacuum pump cooling);
- Improvement of CO₂ consumption during filling (and closing) while optimizing O₂ pick-up values;
- Optimization of the transportation requirements, so transport-related costs, and associated fossil fuel use, emissions, and carbon footprint are ultimately reduced.





Filling and packaging solutions

In an attractive yet competitive environment, four leading companies in the industry have united to form a **powerhouse of innovation and quality**. This strategic alliance brings together **unparalleled expertise, cutting-edge technology and a shared vision** for the future. With a 360-degree focus on customer experience, Liquinova Group strives to redefine the standards of excellence in the industry. Together, Liquinova Group will serve the customers in the food & beverage industry as **global one-stop-shop in filling and packaging**.

More than just a collaboration, Liquinova Group provides customized solutions that empower our customers to **grow profitably**, achieve **peak productivity**, and meet **sustainability goals**.

In einem attraktiven, aber zugleich wettbewerbsintensiven Umfeld haben sich vier führende Unternehmen der Branche zusammengeschlossen, um künftig noch stärker in **Innovation und Qualität** zu investieren. Diese strategische Allianz vereint höchste **Fachkompetenz, Spitzentechnologie und eine gemeinsame Vision** für die Zukunft. Mit einem 360-Grad-Fokus auf das Kundenerlebnis strebt die Liquinova Group danach, die Standards für Spitzenleistungen in der Branche neu zu definieren. Gemeinsam wird die Liquinova Group ihren Kunden in der Lebensmittel- und Getränkeindustrie als **globaler One-Stop-Shop für Abfüllung und Verpackung** dienen.

Dieser Zusammenschluss ist weitaus mehr als eine Kooperation – Liquinova bietet **maßgeschneiderte Lösungen**, die unseren Kunden helfen, **Spitzenleistungen in Produktivität und Nachhaltigkeit** zu erzielen und dabei **profitabel zu wachsen**.



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