

Forming Machine **NIS**

The outperformer for beer, wine and jars

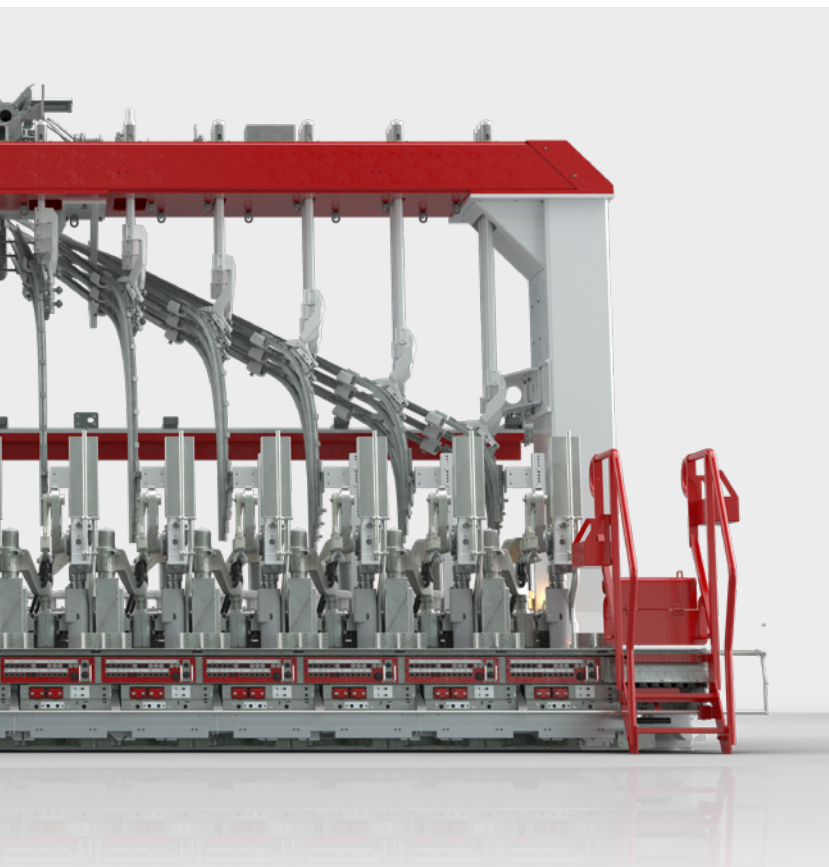


Highest productivity and throughput forming machine available today

The servo electric driven NIS machine is the ultimate forming solution from Bucher Emhart Glass. The servo mechanism technology ensures that the NIS Machine outperforms traditional IS machines through better and precise motion control, perfect repeatability and faster and more precise setup time.

The center distances of 5" TG and 95mm QG together with the conversion features DG<->TG<->QG make the NIS the most flexible high throughput machine available today.

- Servo-electric mechanisms provide precise, repeatable motion
- Allows for 5" Triple Gob production run at the same speed as Double Gob
- Allows for 95mm Quad Gob production run at the same speed as Triple Gob
- Reduced compressed air usage
- Substantial noise reduction for a quieter work environment

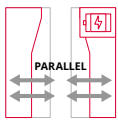


Pneumatic Enhancement offers a faster conversion TG<->QG and an improved plunger operation characteristic and future functionalities.

The platform is available for all End to End closed loops process products and ready for future autonomy solutions.

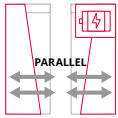
With its easily accessible clean design architecture and modular construction, the NIS is the ideal forming machine for high-volume but also ideal for fast and efficient job changes.

Benefits of the NIS



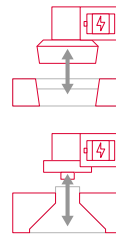
2 Full Servo electric mechanism parallel blow mold open-close

- Precise motion control, perfect repeatability
- Extended mold life time
- Enhanced thermal behavior



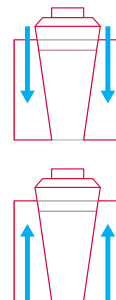
1 Full Servo electric mechanism parallel blank mold open-close

- Precise motion control, perfect repeatability
- Extended mold life time
- Enhanced thermal behavior



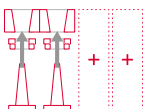
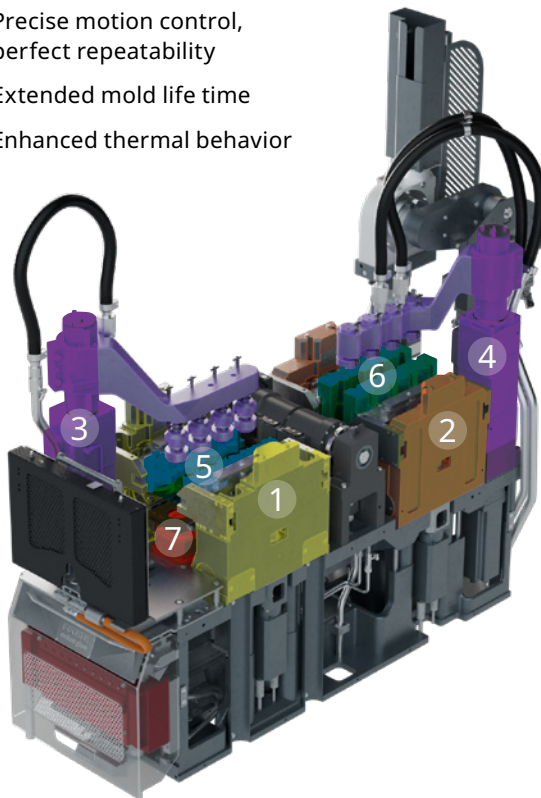
3&4 Full Servo-electric Baffle and Blowhead mechanism

- Precise, repeatable motion
- Simplified pre-forming process flow with the use of V-Baffle
- Perfectly coordinated timing between the mechanisms



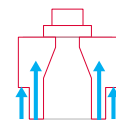
5 Advanced blank mold cooling

- Available as VertiFlow, InVertiFlow
- Providing enhanced container quality



7 Modular quick change plunger mechanism

- Long stroke enabling for tall ware NNPB
- Three fixed plunger position heights
- Available as DG, TG, and QG



6 VertiFlow and VertiFlow Assist blow side

- Improved thermal distribution
- Enhanced blow mold cooling
- Allowing for higher cavity rate

Are you interested to learn more?

Please find the relevant information and contact form to evaluate our NIS machine below.

Layout drawing &
machine dimensions

[Click here](#)

Utilities Specification

[Click here](#)

Article Range Overview
MD Overview (summary)

[Click here](#)

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Bucher Emhart Glass is a company with a rich heritage and a tradition of excellence that we are proud to continue today. Our founders laid the foundations for automation in glass manufacturing, setting us on a course of market-leading innovations that has lasted for over a century. We created the industry-standard IS machine and have repeatedly delivered game-changing innovations in gob forming, container forming, automation, control and inspection.

Growing strategically through new branches, alliances and acquisitions, we have developed into a true global enterprise with the power to serve customers around the world with speed, responsiveness and understanding. Our global footprint provides the very best in established expertise, economical manufacturing, and hands-on client support.

Our work is underpinned by a profound and unshakeable belief in glass as a packaging material. And we back up that belief with investment in R&D. Driven by our clients' priorities, we continue to work towards new milestones in production speed, product quality, testing precision, and glass container strength. The ideas we have today will deliver the improvements of tomorrow.