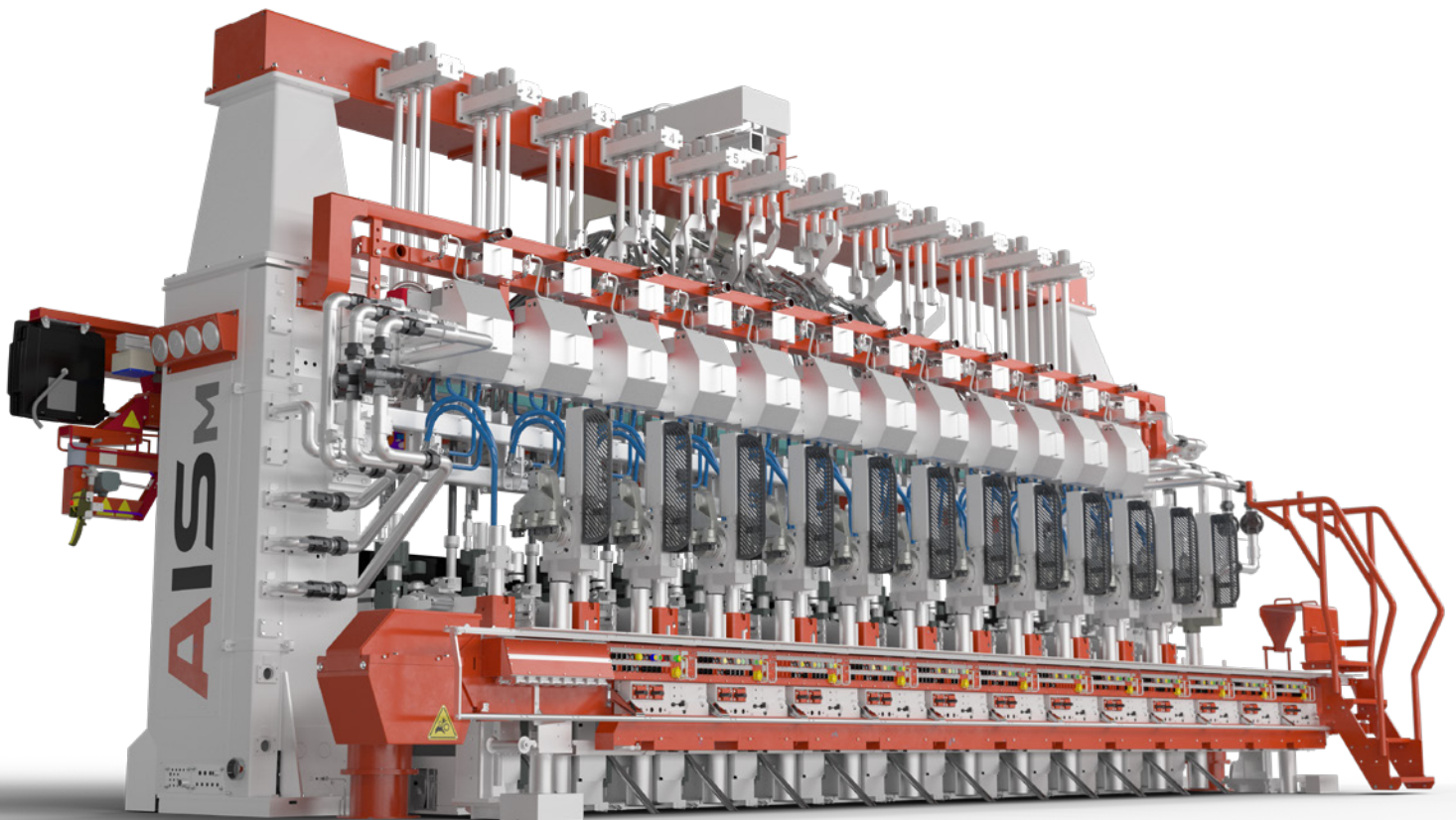


# Forming Machine **AlS<sub>M</sub>**

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The flexible performer



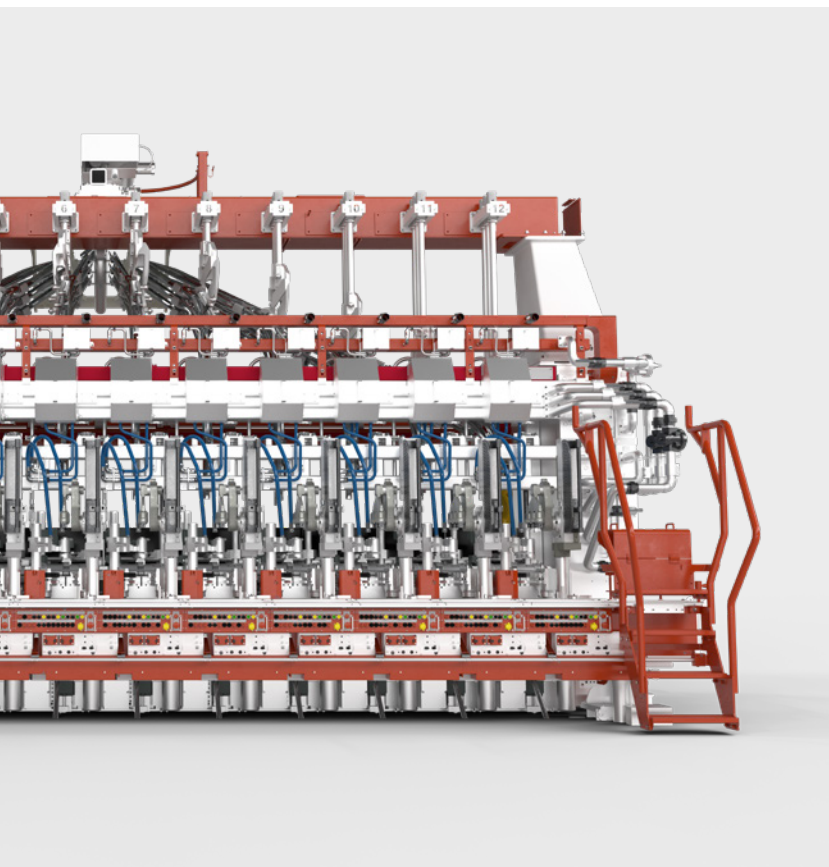
# Maximum flexibility for the widest range of articles

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The AIS-M machine is the latest AIS development.

Based on the AIS design which is recognized by the industry as the superior performer among pneumatically driven glass container forming machines, AIS-M is the combination of valued features:

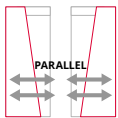
- Full parallel blank and blow molds open-close
- Individual cavity control cooling blank side
- VertiFlow and VertiFlow Assist blow side
- Long stroke 4000 series quick change plunger mechanism
- Servo mechanisms integration in AIS-M further developed with the new Servo Baffle and Servo Blow head under development.



The AIS-M is built to give glassmakers even more, with many new features designed to deliver enhanced performance, better production, and reduced maintenance on the forming line. It is now allowing the reuse of exiting stack cooled molds from an existing IS setup, increasing the level of flexibility, aiming for an optimized total cost of ownership.

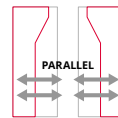
AIS-M is also available with arcuate opening blow side, allowing for Single Gob production of SG containers with body diameter larger than 130 mm.

# Benefits of the AIS<sub>M</sub>



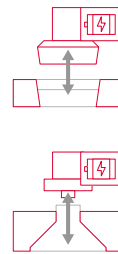
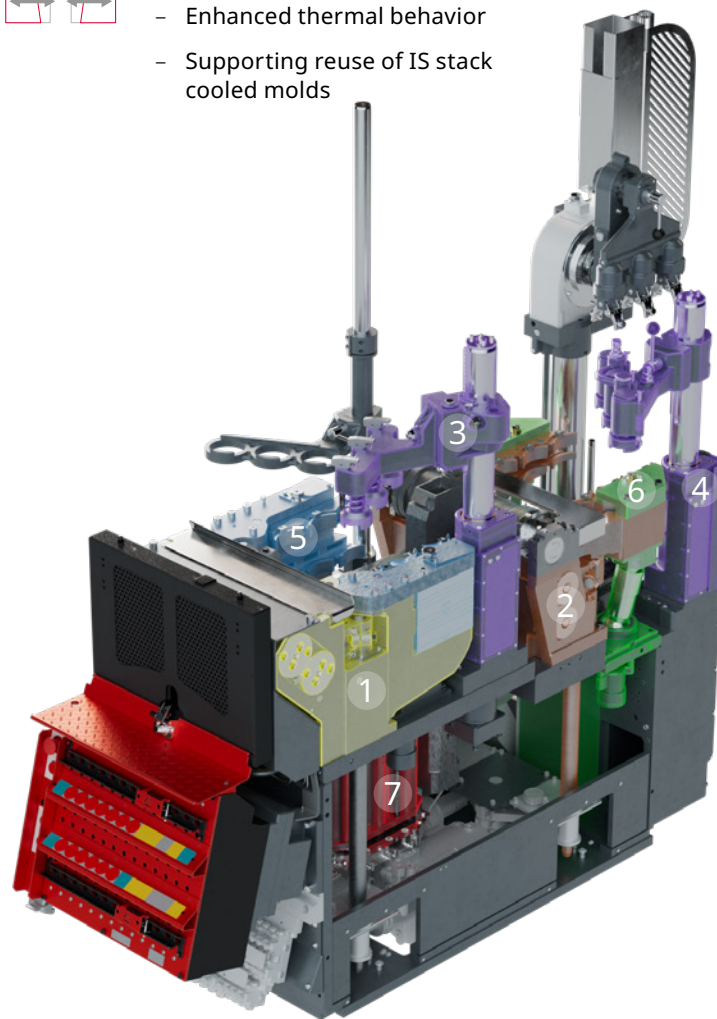
## 1 Full parallel blank mold open-close

- Extended mold life time
- Enhanced thermal behavior
- Supporting reuse of IS stack cooled molds



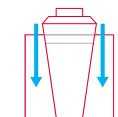
## 2 Full parallel blow mold open-close

- Extended mold life time
- Enhanced thermal behavior
- Supporting reuse of IS stack cooled molds



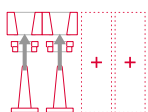
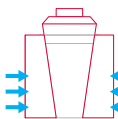
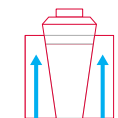
## 3&4 Full Servo-electric Baffle and Blowhead mechanism

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



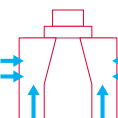
## 5 Advanced blank mold cooling

- Individual cavity control
- Available as VertiFlow, InVertiFlow and Travel Radial Cooling
- Providing enhanced container quality



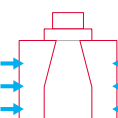
## 7 Long stroke 4000 series quick change plunger mechanism

- Long stroke enabling for tall ware NNPB
- Standardized plunger equipment
- Available as SG, DG, TG, QG



## 6 Advanced blow mold cooling

- Improved thermal distribution
- Available as VertiFlow, VertiFlow Assist and Travel Radial Cooling
- Allowing for higher cavity rate



## Are you interested to learn more?

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

Layout drawing &  
machine dimensions

[Click here](#)

Utilities Specification

[Click here](#)

Article Range Overview  
MD Overview (summary)

[Click here](#)

[www.bucheremhartglass.com](http://www.bucheremhartglass.com)

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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.