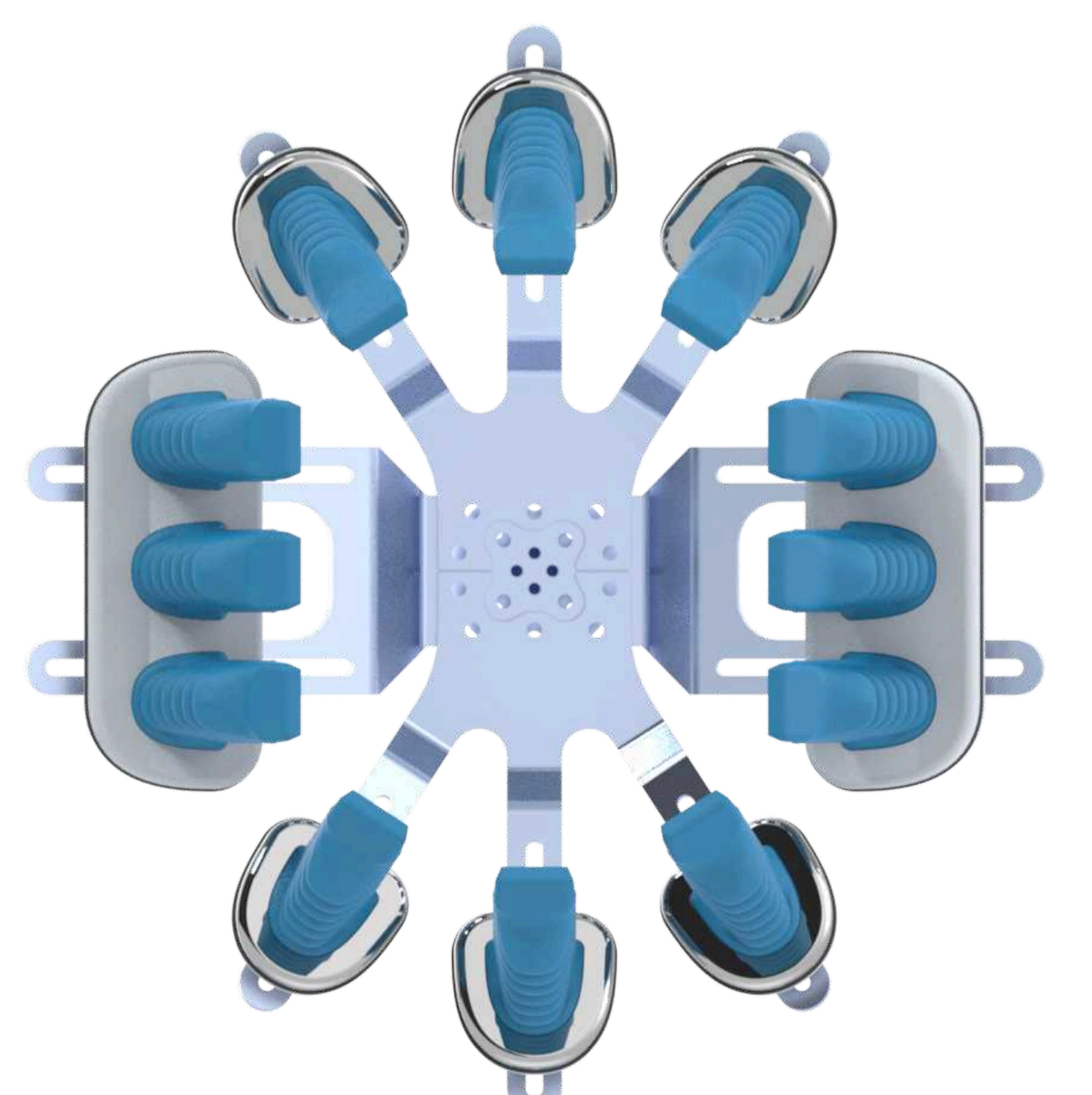
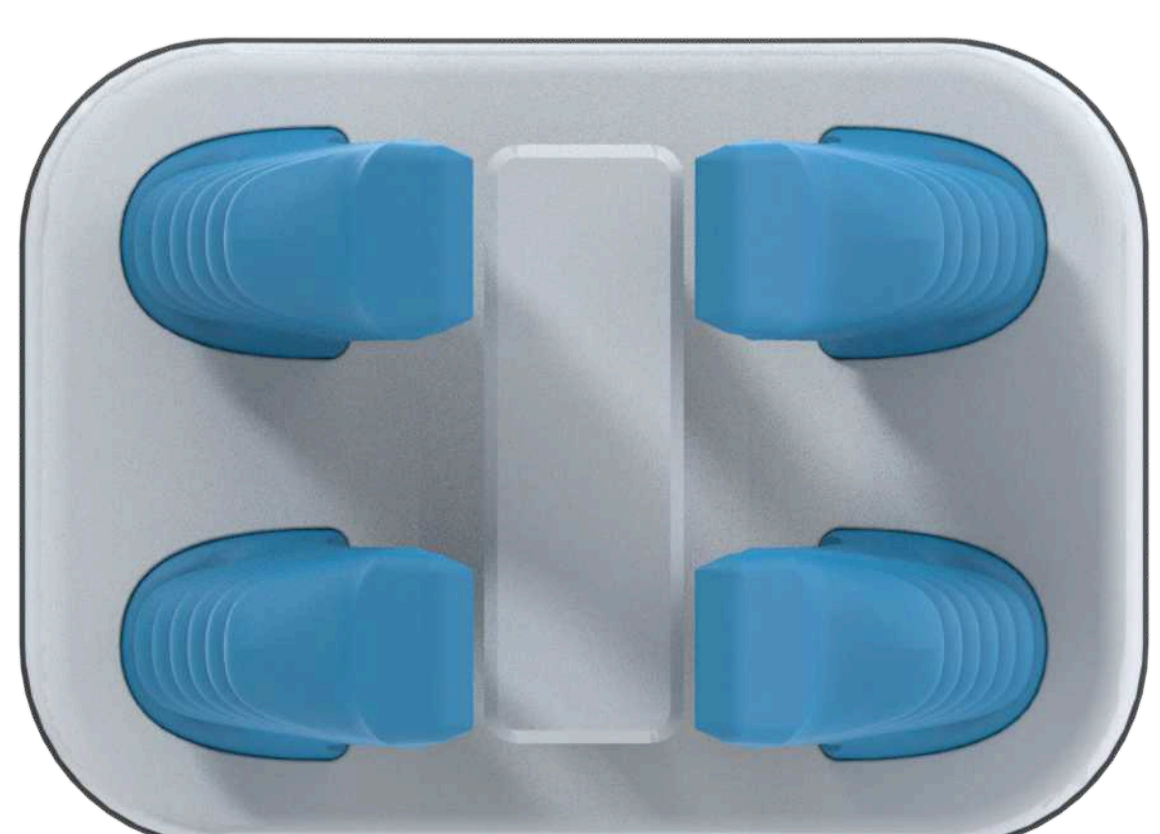
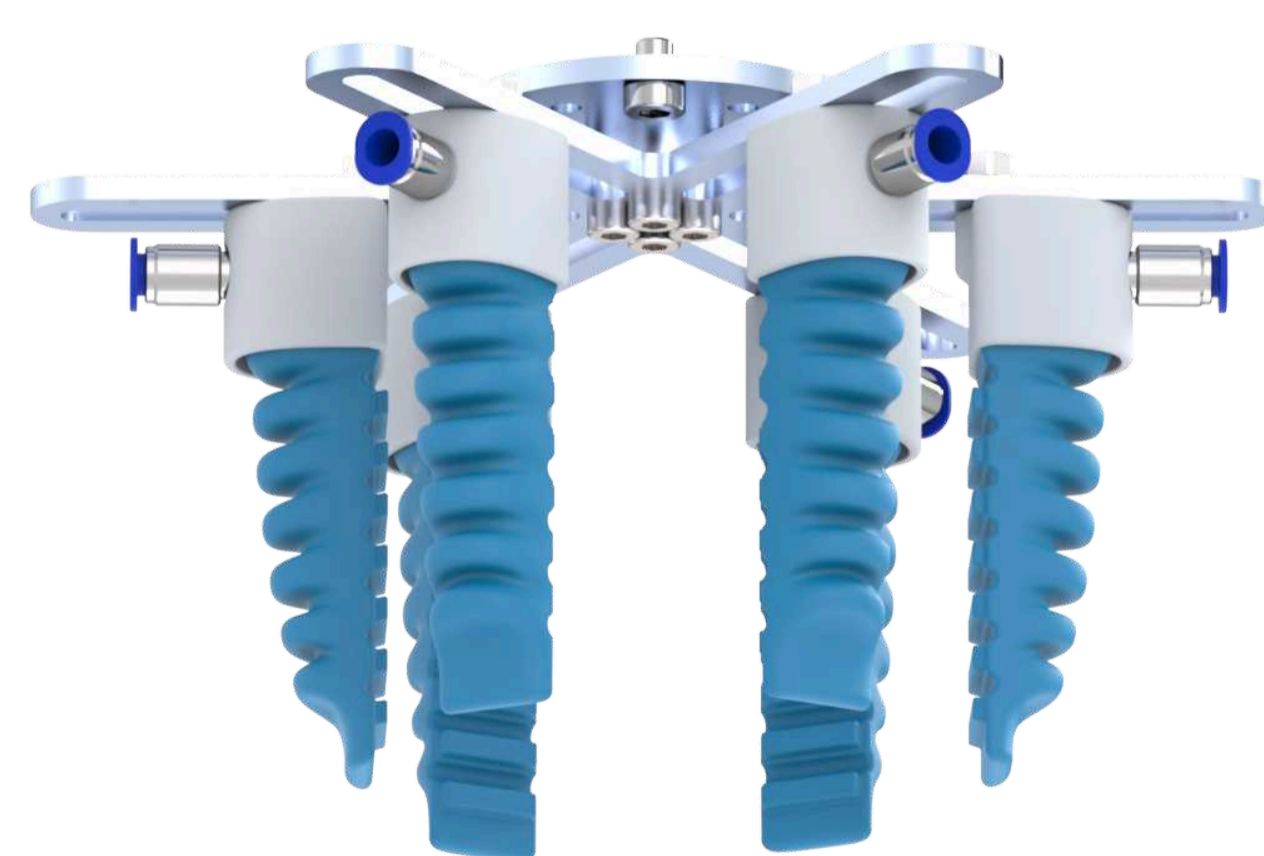
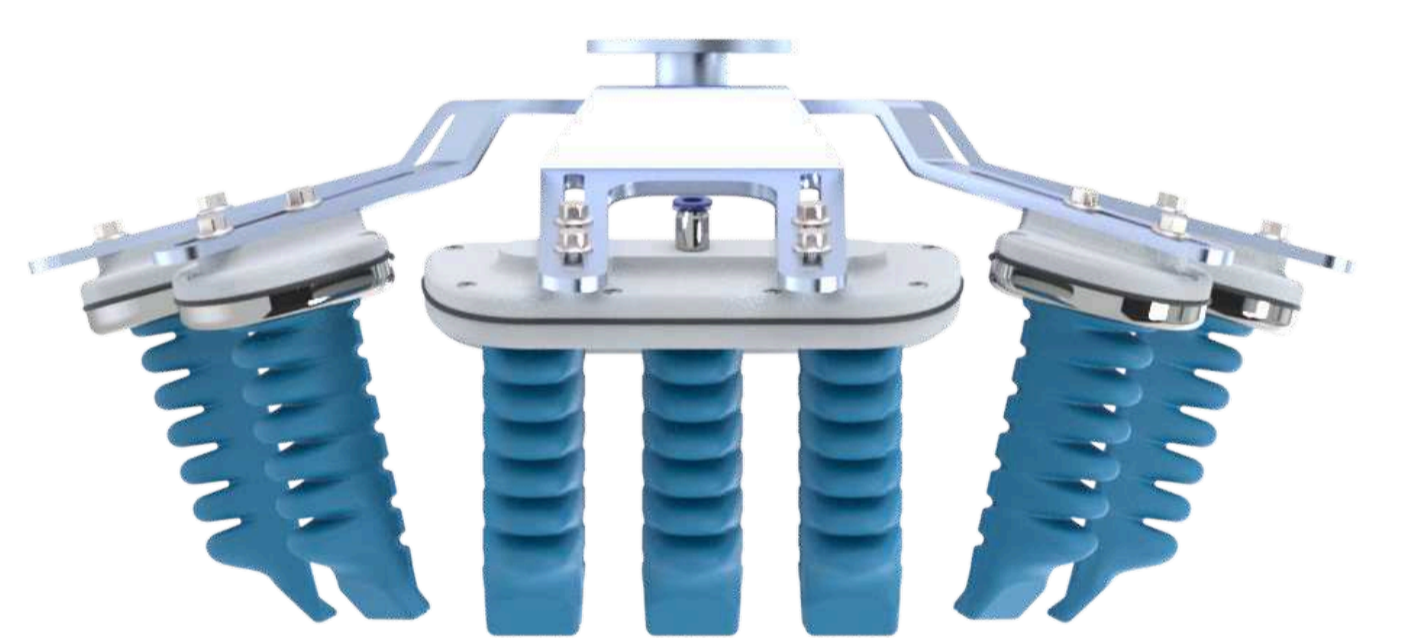
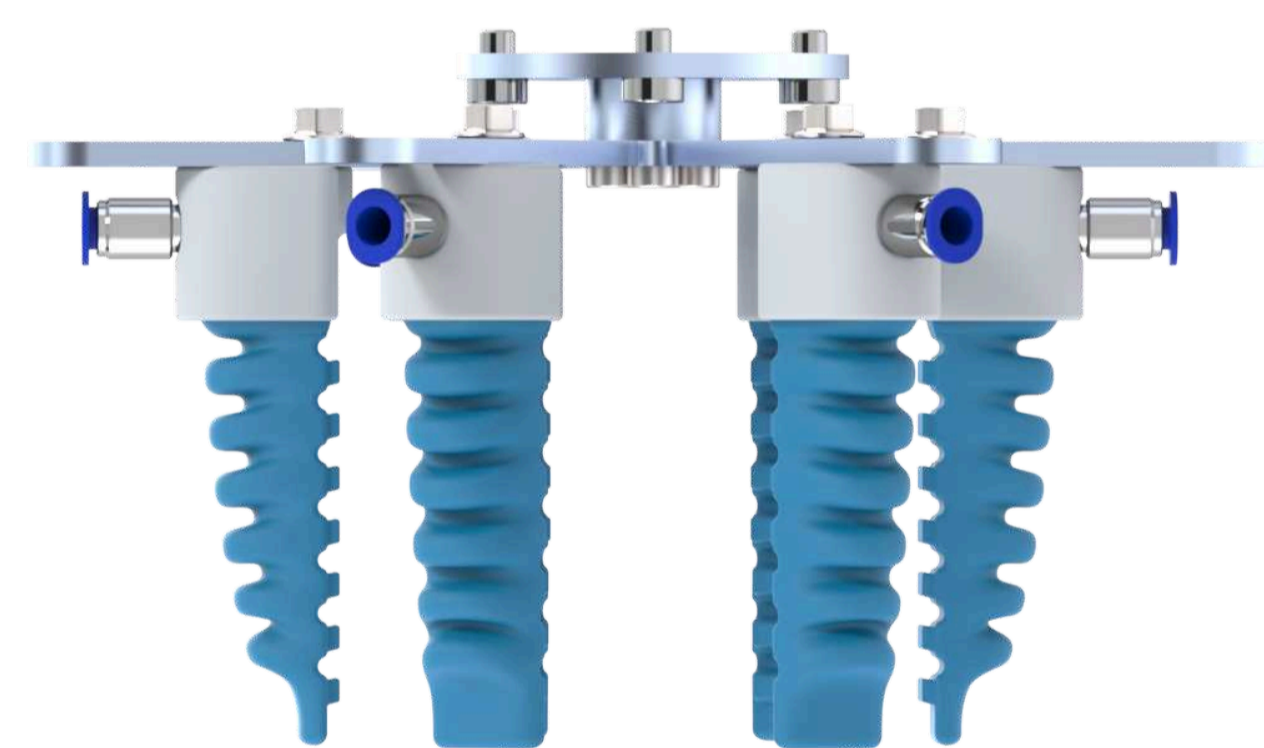
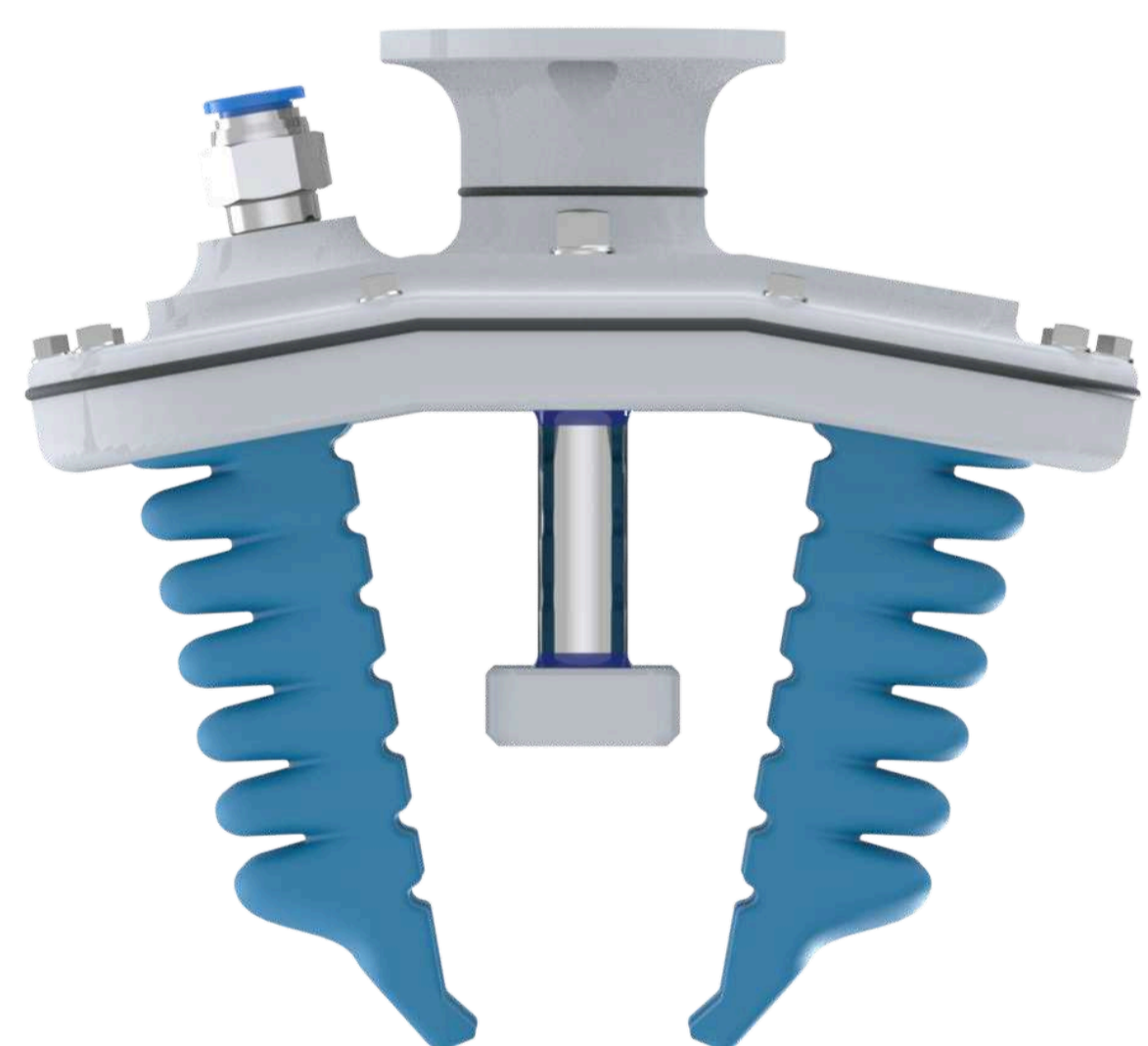
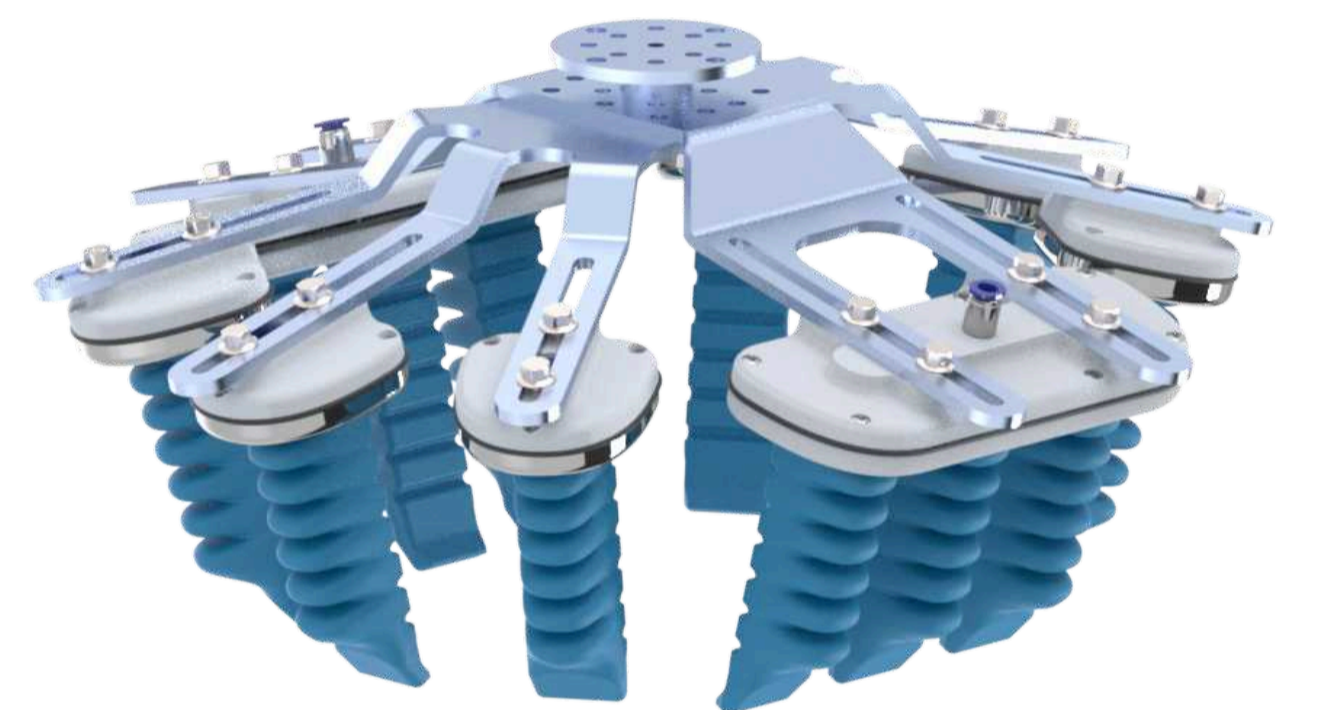
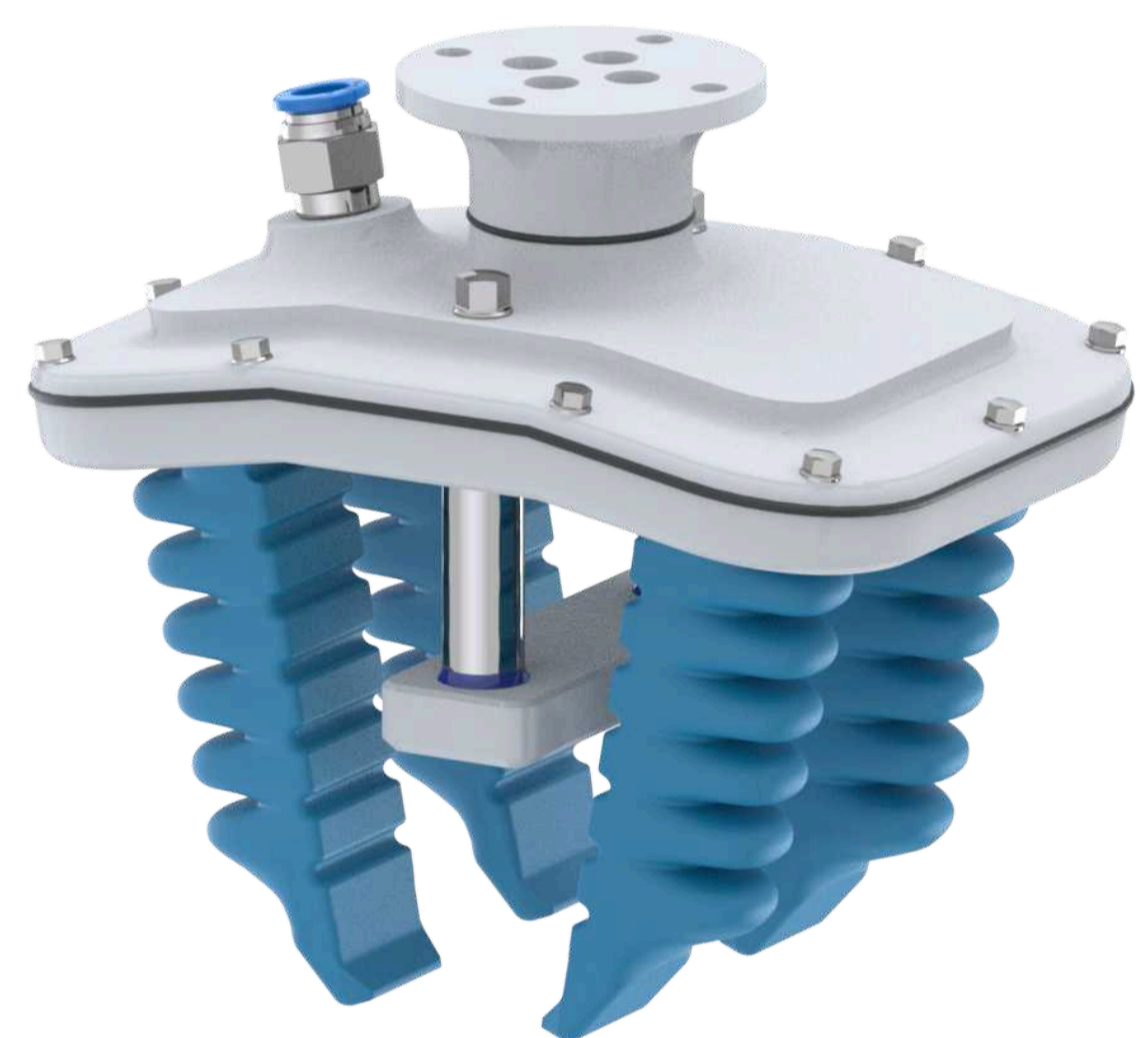
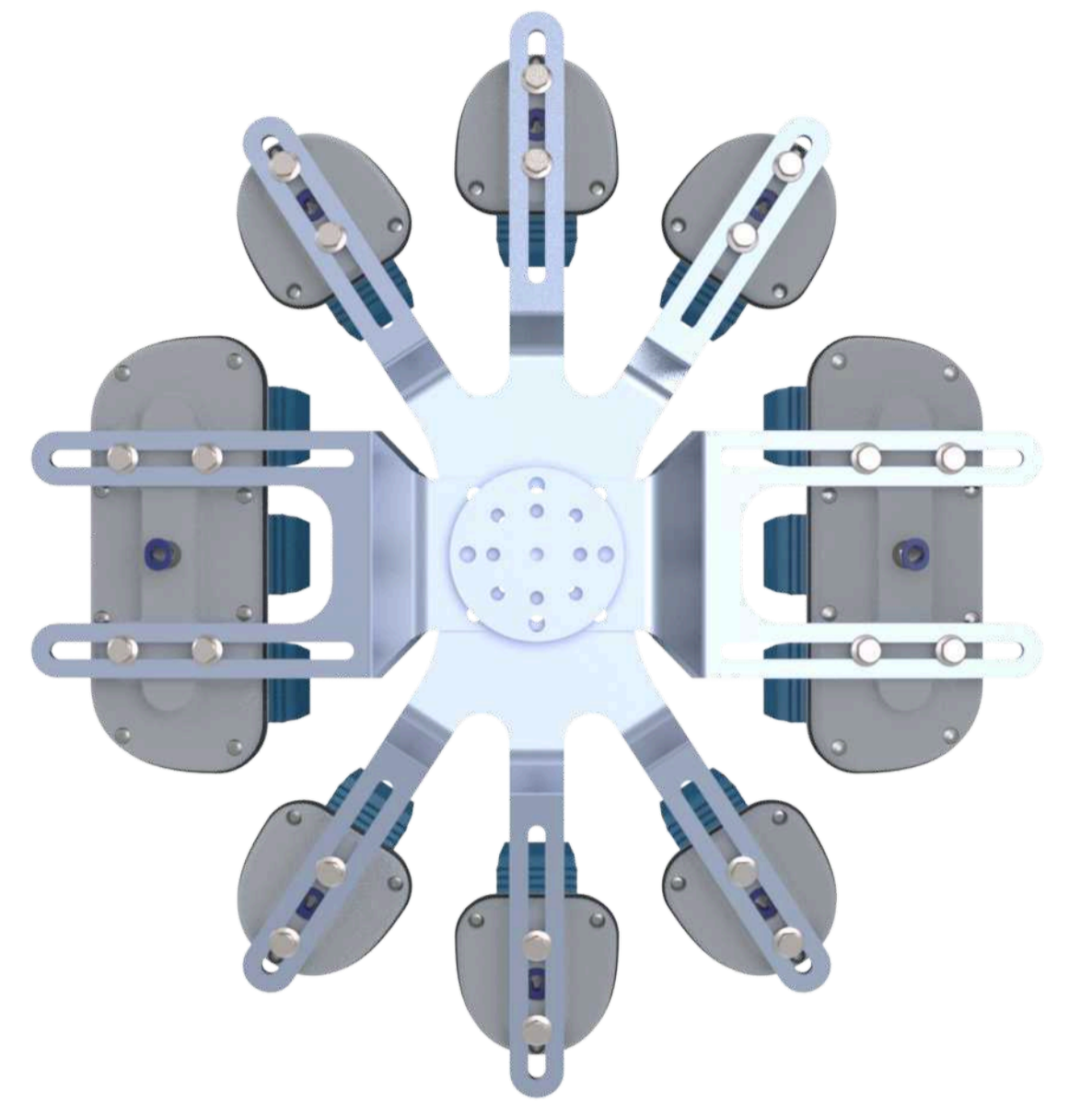
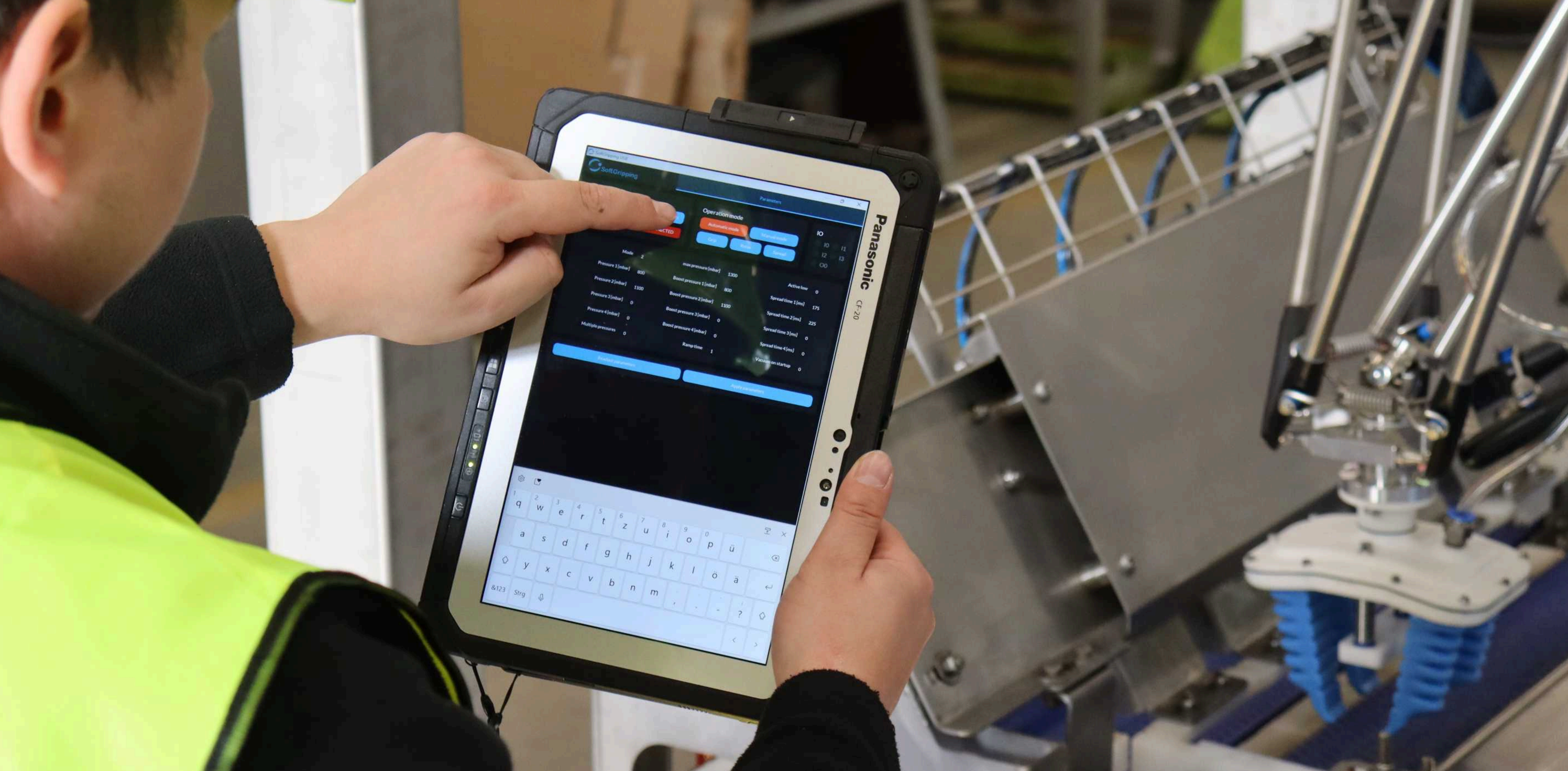


The modular design system for flexible gripping





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At SoftGripping, we see ourselves as a partner – not just a manufacturer.

Our mission is to expand robotization and increase return on investment by automating processes that cannot be implemented reliably with rigid solutions – through an approach that combines engineering expertise with real-world practicality.

We don't simply supply components – we solve specific production challenges. Together with our customers, we analyze the real process, evaluate feasible gripping options, and validate them on real robotic systems – so the result is a solution that works reliably in the production environment.

SoftGripping stands for German quality, modular soft gripper technology, and individually tailored solutions – so automation truly works in the real world.

- **3,500+ products sold**
- **Active in 100 countries and 11 industries**
- **14 years of experience**
- **500+ satisfied customers worldwide**

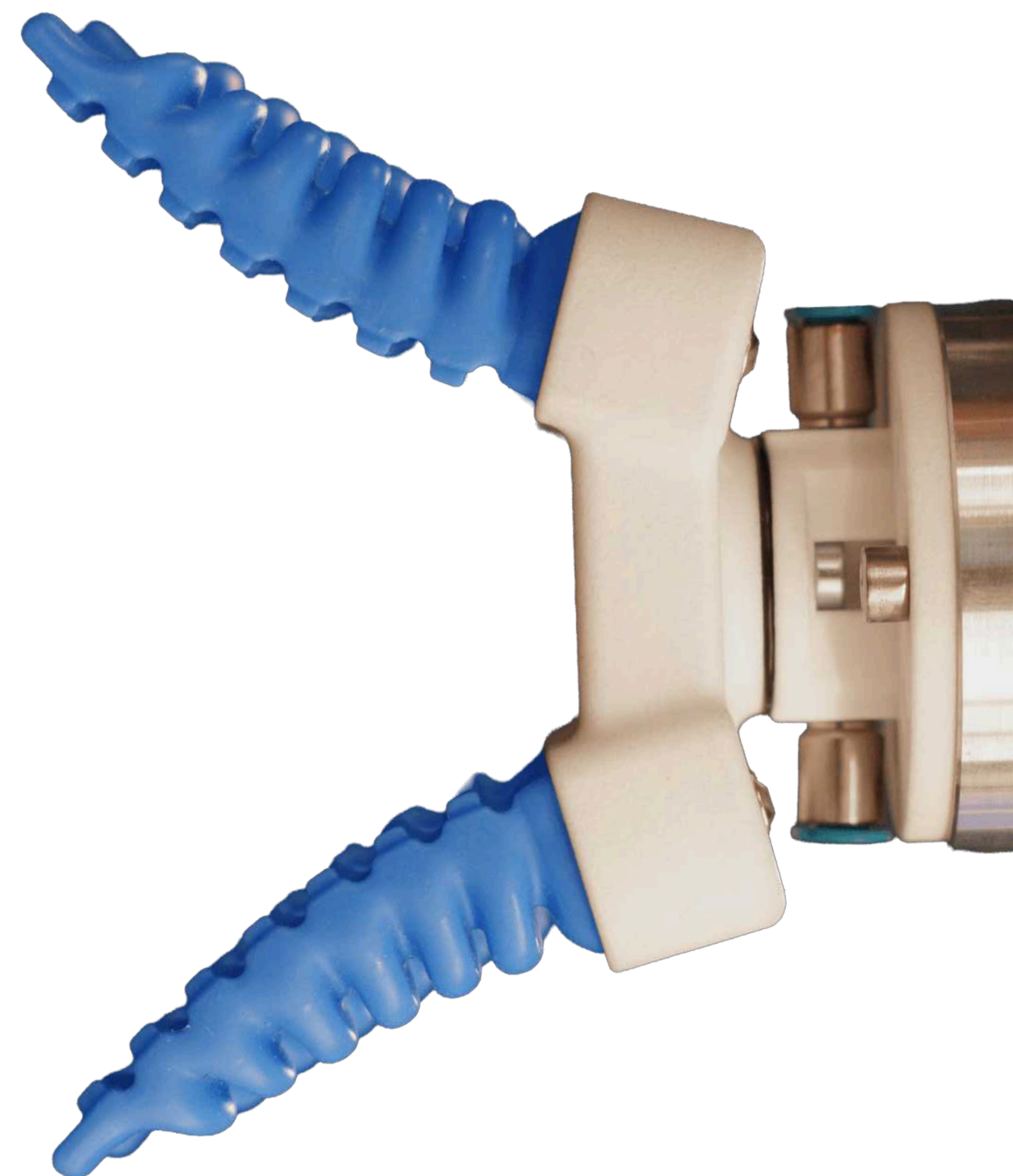
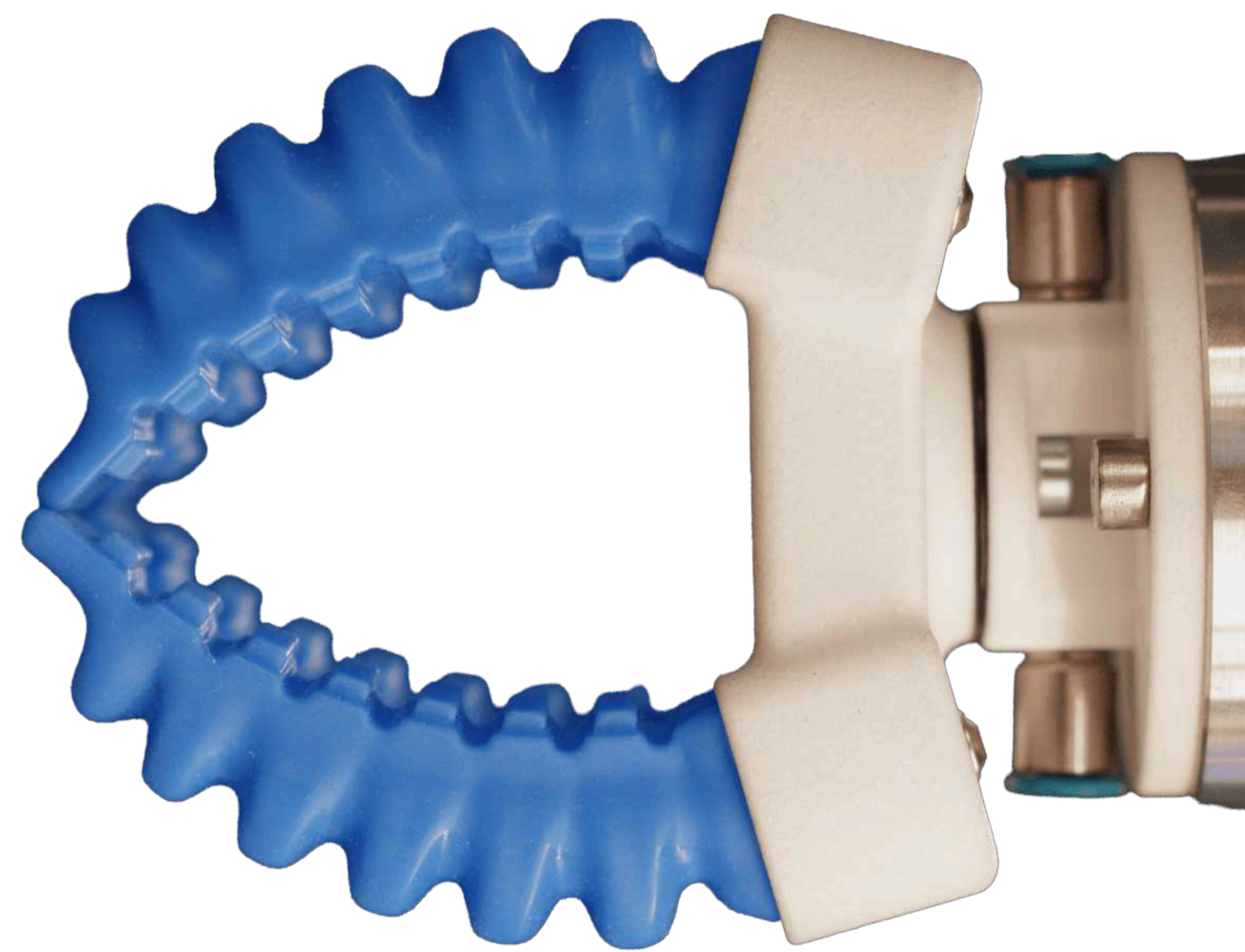
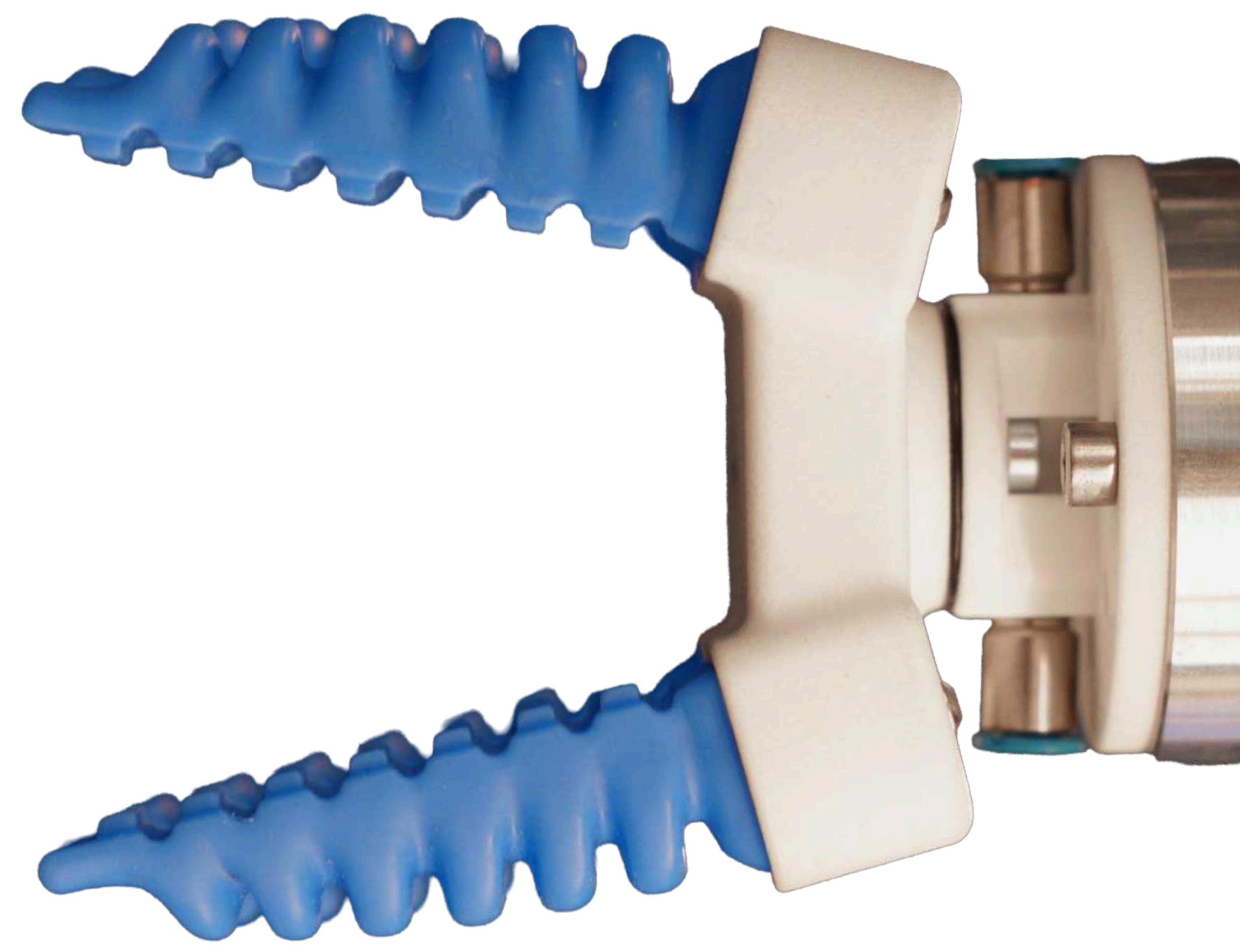


How can the product be picked up reliably?

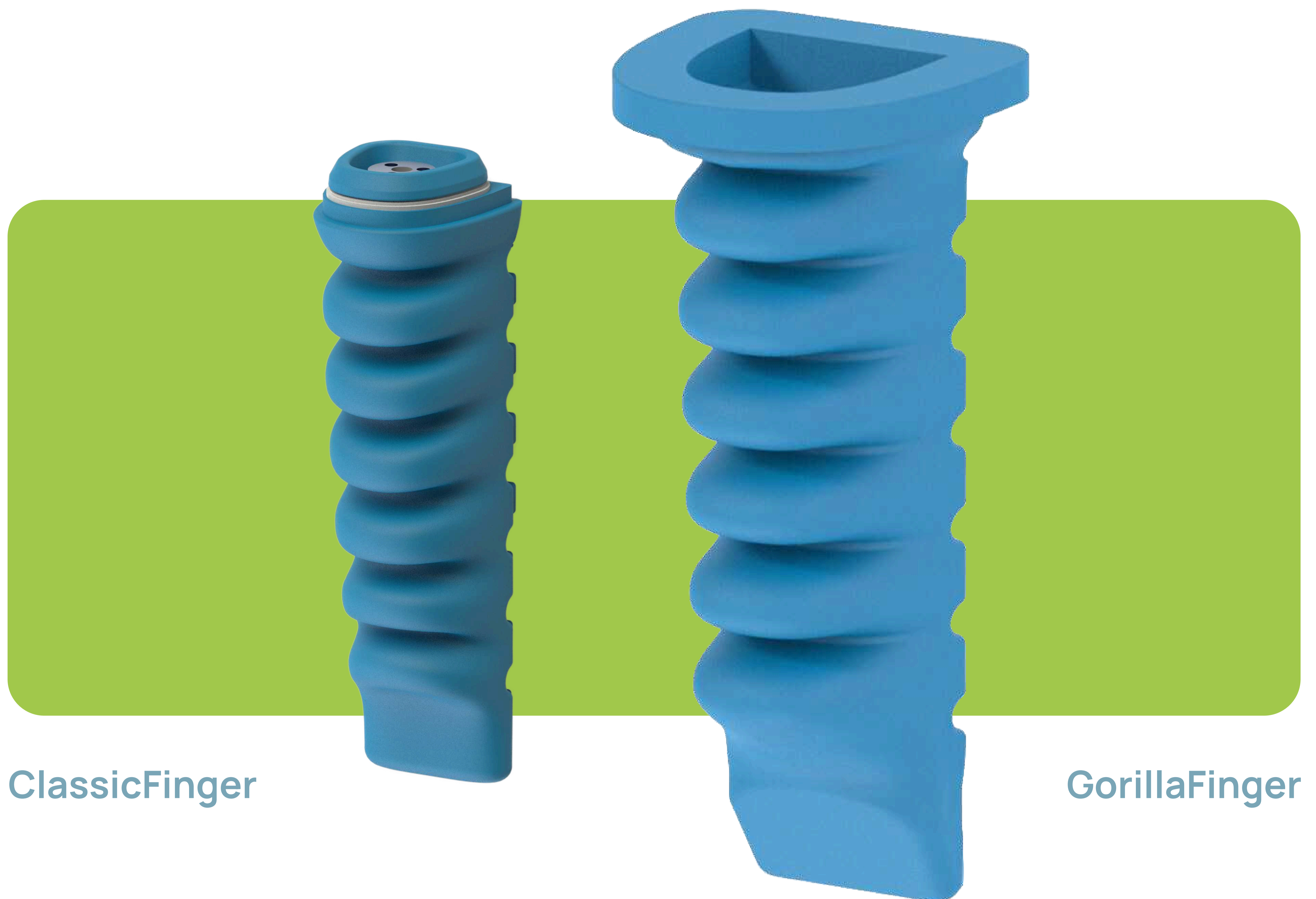
The gripping process decides whether the system runs smoothly – or causes defects and unplanned downtime.

In real production, rigid grippers and standard suction cups often reach their limits: they can damage delicate products, mark or tear packaging, and struggle with unstable shapes. This leads to scrap, complaints, and higher maintenance costs.

SoftGripping solves this with soft, adaptive fingers and solutions tested for real conditions – so automation works reliably and delivers the expected ROI.



The silicone finger



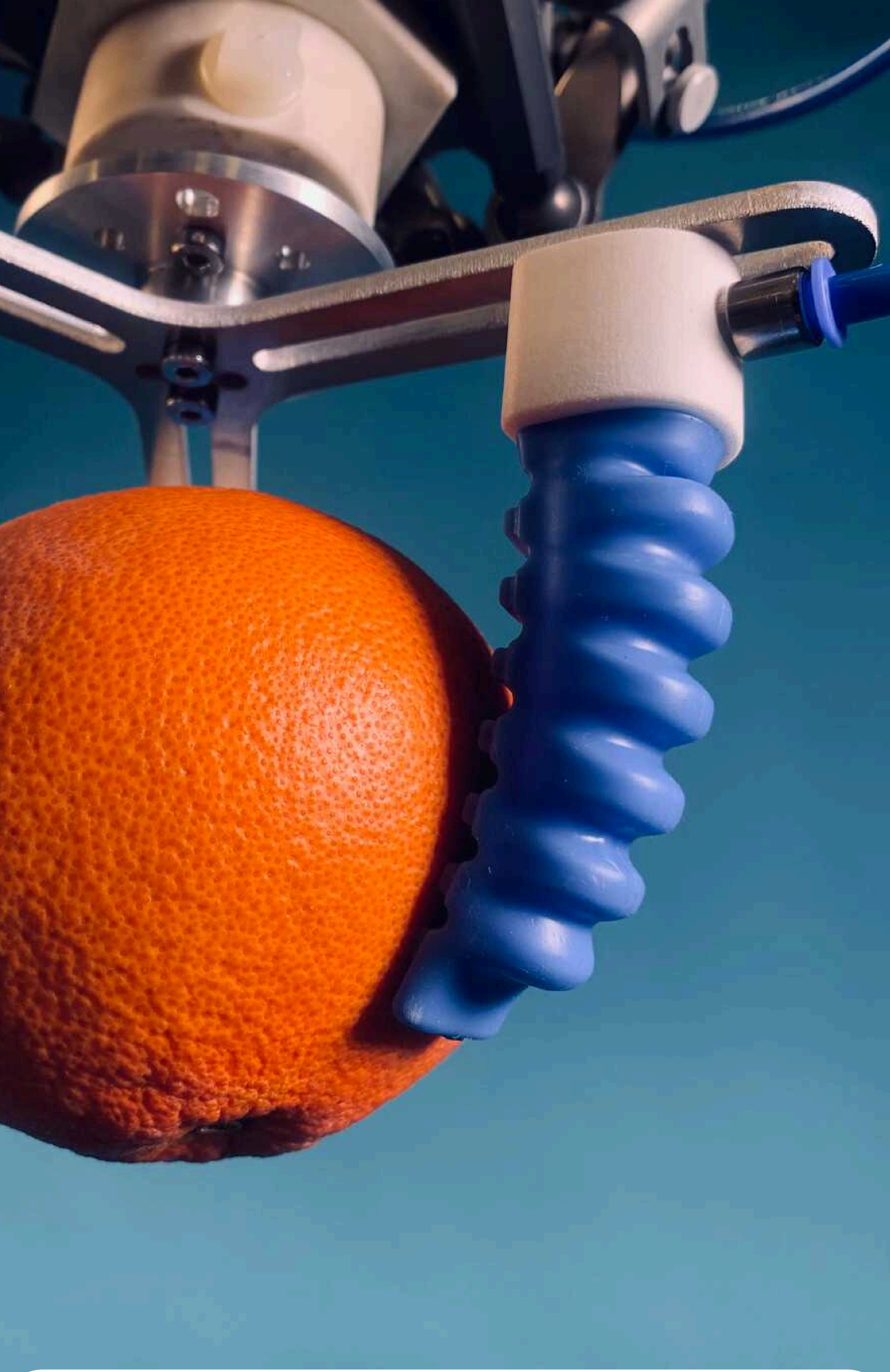
ClassicFinger

GorillaFinger

At the core of SoftGripping is the silicone finger — soft, adaptive, and engineered to handle products as naturally as the human hand.

It gently conforms to any contour, delivering a secure and delicate grip even for the most fragile items—protecting appearance and minimizing product loss.

Configured to your application requirements, the finger is offered as **ClassicFinger** or the extra-rugged **GorillaFinger**, powering every modular SoftGripping system.



ClassicFingers

ClassicFingers are designed for precise and gentle handling of smaller products and weights of up to 1 kg. They provide fingertip-like control for delicate goods, enabling reliable gripping and placement in fast, dynamic processes. Ideal for applications where accuracy, product protection and consistent handling quality are essential.

SoftGripping

GorillaFingers

GorillaFingers are designed for handling large, bulky and heavy products. Whether voluminous fruit and vegetables or netted and packaged goods, they flexibly adapt to shape and contents to ensure a stable and secure grip – even with moving products, high cycle rates and dynamic processes. Suitable for package weights of up to 3.5 kg and beyond.

The silicone finger

The SoftGripping System

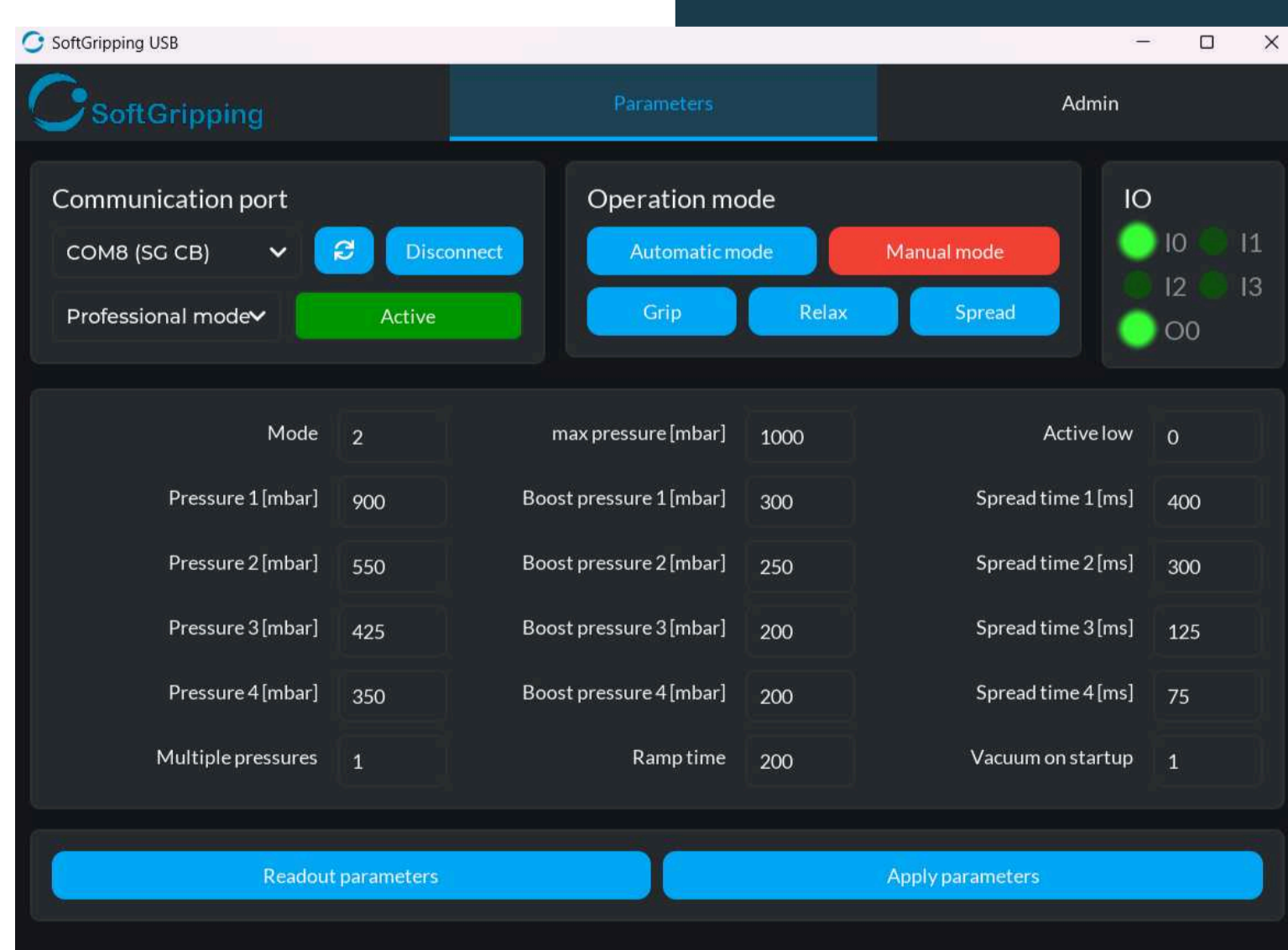
The SoftGripping System is a fully integrated gripping solution consisting of pneumatically actuated and soft Gripper, a control unit and dedicated control software. It is designed for straightforward integration into existing automation lines as well as new robotic cells.



The SoftGrippers are based on pneumatically actuated silicone fingers that provide compliant, adaptive gripping.



The Controlbox provides centralized pneumatic and vacuum supply in a compact unit, supports high-speed operation and standard robot interfaces, and ensures synchronized operation of tooling and control software for reliable, predictable system behavior.



The control software regulates grip force and timing parameters based on product-specific settings, ensuring consistent handling performance while limiting mechanical stress on both product and gripping elements.

The SoftGripping product lines

To cover the full spectrum of handling challenges, SoftGripping offers two complementary modular product lines.

The SoftGripper

The ready-to-use gripper



ClassicFinger

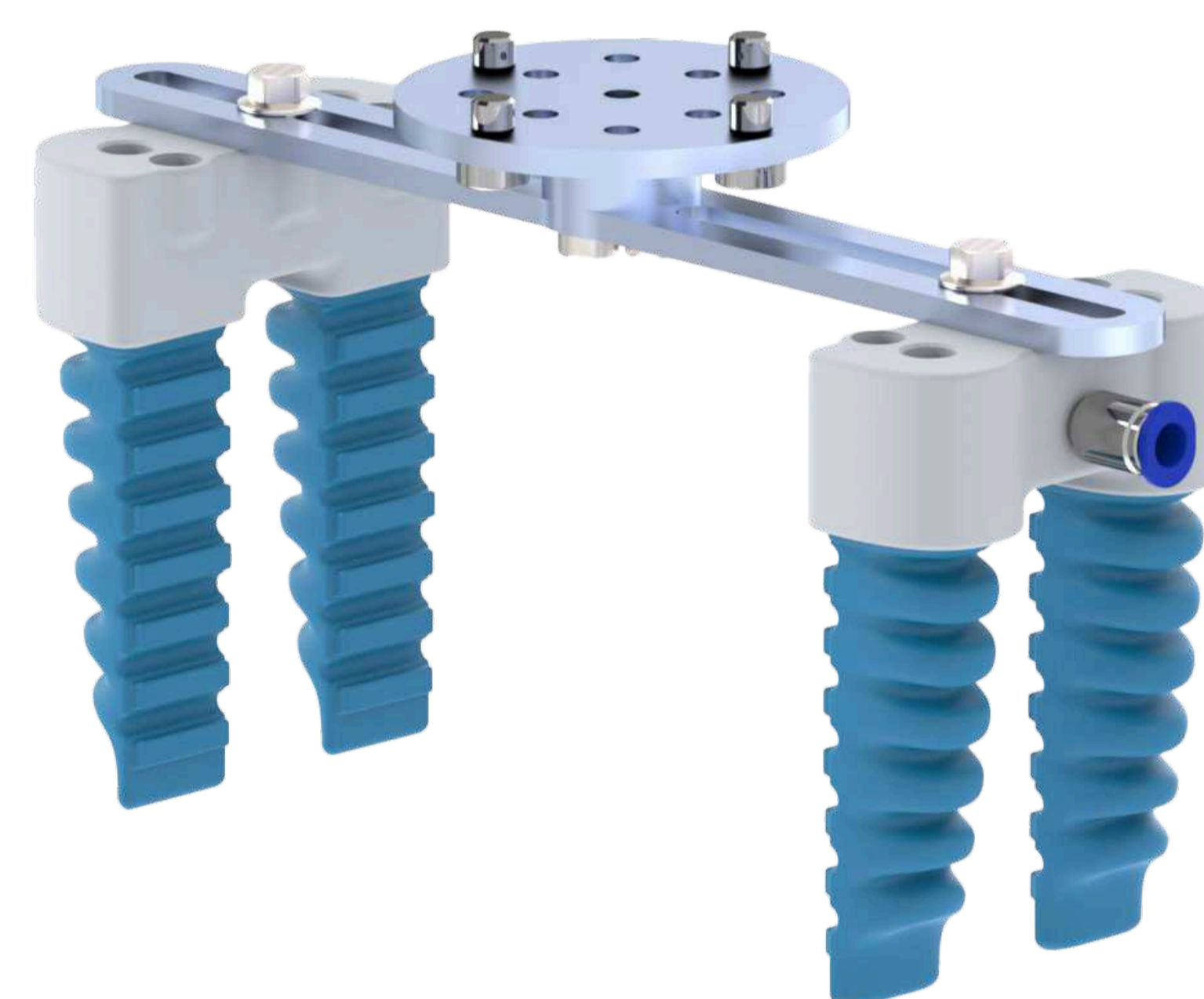


GorillaFinger

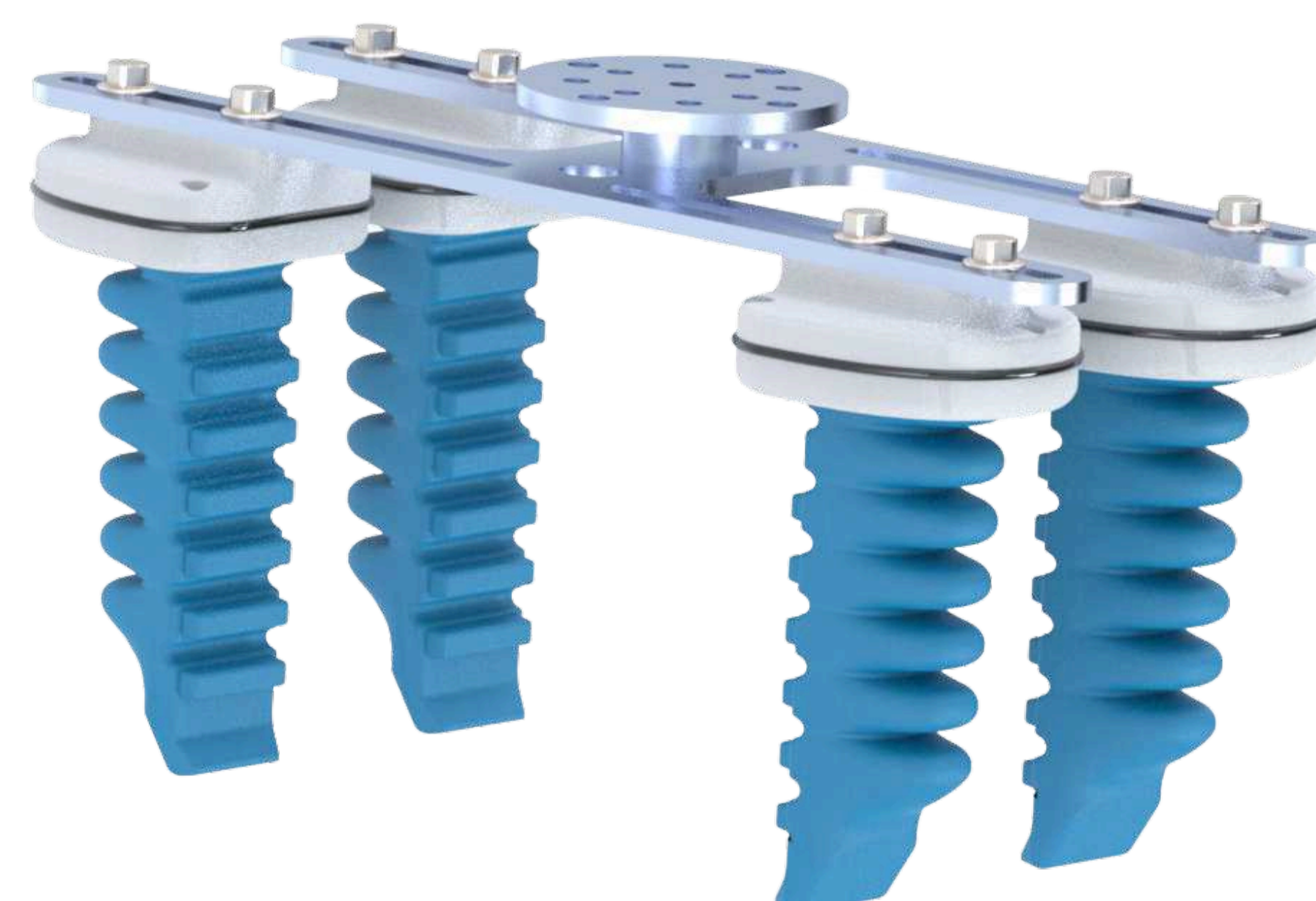


The SoftActuator

The modular kit for custom EOAT



Classic SoftActuator



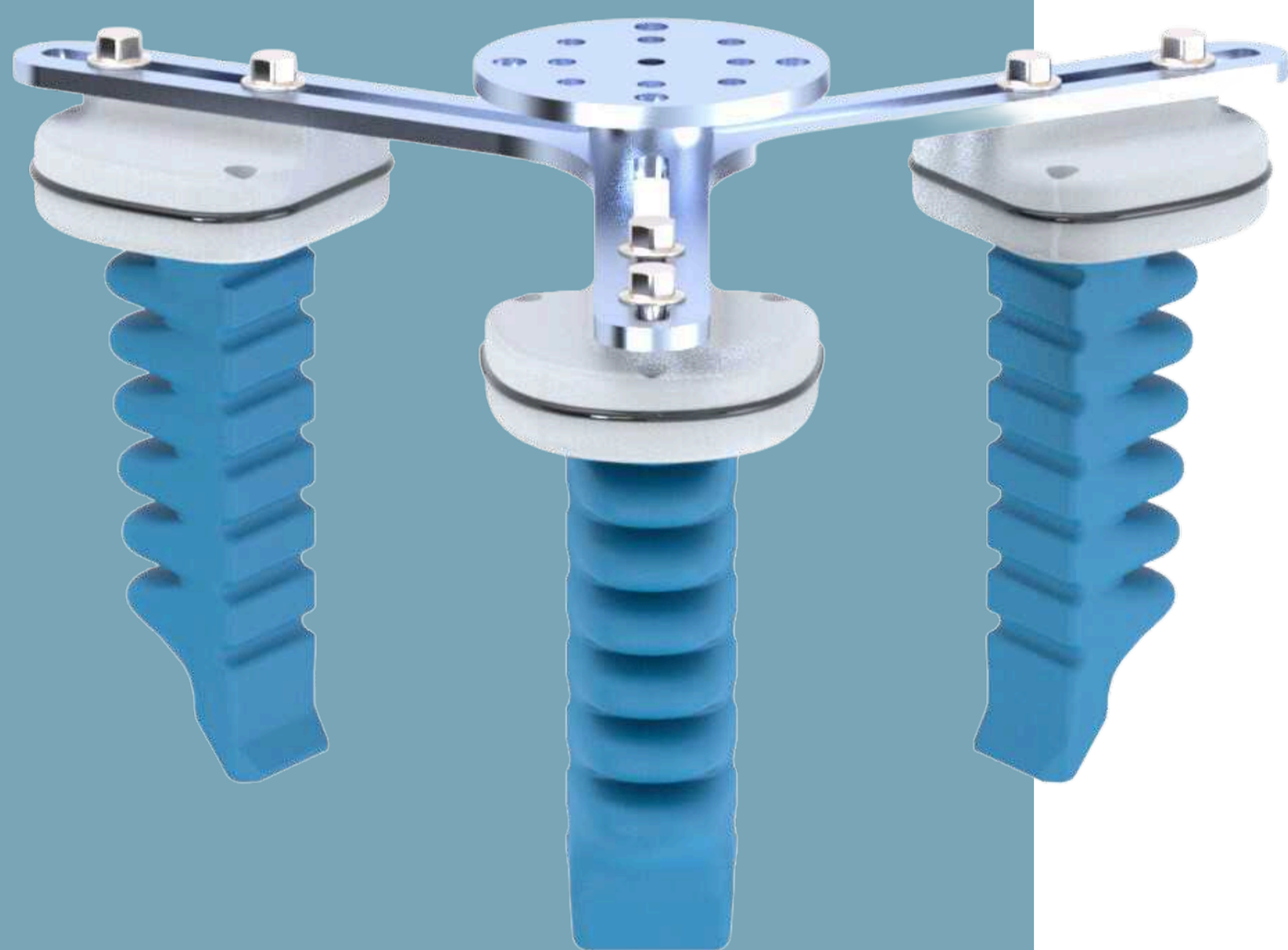
Gorilla SoftActuator





SoftGripper – hygienic and production-ready.

The SoftGripper is a ready-to-use modular gripper for stable, production-ready pick-and-place. Designed for hygienically sensitive environments, it combines hygienic design with gentle, product-friendly handling. Configurable bases and optional spacers or suction components enable fast adaptation to product geometry, while washdown and CIP capability ensure seamless integration into food-grade automation.

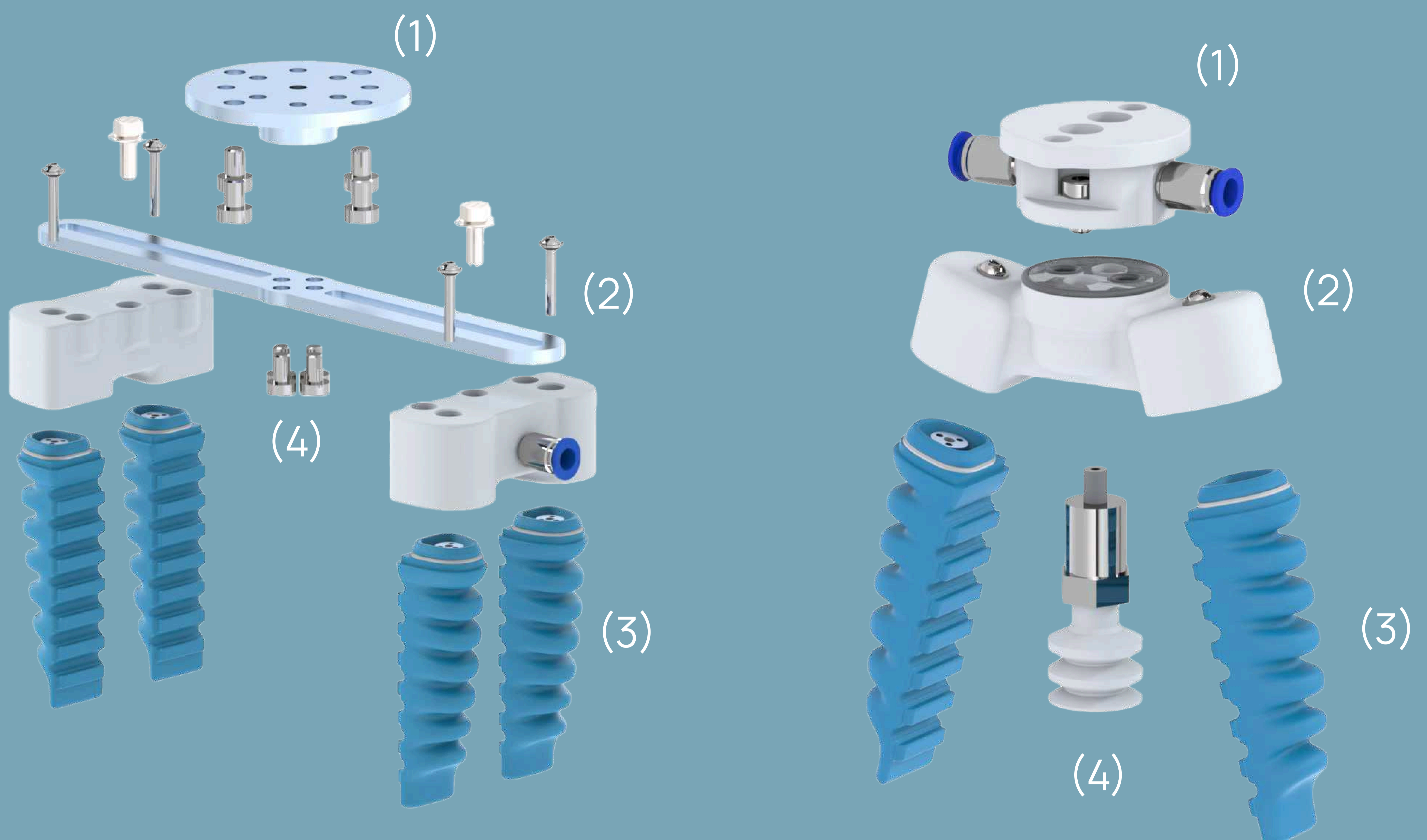


SoftActuator – modular freedom for flexible EOAT concepts.

The SoftActuator is a modular building-block kit that fits almost any EOAT concept. It is ideally suited for industrial applications and production lines with frequently changing products, allowing quick adjustment of finger positions and layouts to keep automation flexible, efficient and scalable. Thanks to its modular design, the SoftActuator supports a wide variety of objects, enables easy reconfiguration when gripping requirements change and is well suited for both rapid prototyping setups and productive operation.

Both product lines stand for process-reliable gripping in automation – using FDA-approved silicone fingers and supporting high cycle rates in continuous operation. They enable product-friendly handling to reduce scrap and product loss and, thanks to a modular system architecture, remain quick to integrate, reconfigure, and scale across a wide range of food and industrial applications.

Every SoftGripping solution is built on a modular architecture that can be adapted to different tasks and types of robots. The customer receives a complete set of components for a stable gripping process:



- | | |
|----------------------------|---|
| (1) Robot Flange | The interface required to mount the gripper to the robot, available for virtually any robot model on the market. |
| (2) Gripper Base | The base on which the number, position and angle of the fingers are set, adjustable to the product shape and line format. |
| (3) Finger | Soft food-grade silicone finger in various sizes and versions |
| (4) Gripping Addons | Additional elements (suction cups, spacers, etc.) that expand gripping capabilities. |

Our 4-step approach to guaranteed performance

1

Requirements analysis

We review your product, process conditions, targets, and constraints, and define clear success criteria for stable gripping.

2

Feasibility test

We test with real products on a real robot (in our lab or on-site) and optimize the gripping setup until it is stable.

3

Solution design

Based on the test results, we define the final gripper configuration and any required modules—proven in practice.

4

Implementation & guaranteed performance

We support integration and ramp-up. When the agreed parameters are met, we ensure the gripping process runs reliably with consistent performance.

Key Advantages in a Glance

1

Zero-Damage Handling

Soft silicone fingers adapt to product contours and distribute pressure evenly, ensuring secure gripping without dents, tears or product loss.

2

Hygienic Design for Maximum Uptime

Food-grade materials, smooth surfaces and full washdown/CIP capability enable fast cleaning, reduce sanitation downtime and increase overall line availability.

3

Flexibility & Versatility

A modular, robot-agnostic system with interchangeable fingers and configurable gripper bases handles a wide range of shapes, materials and packaging formats.

4

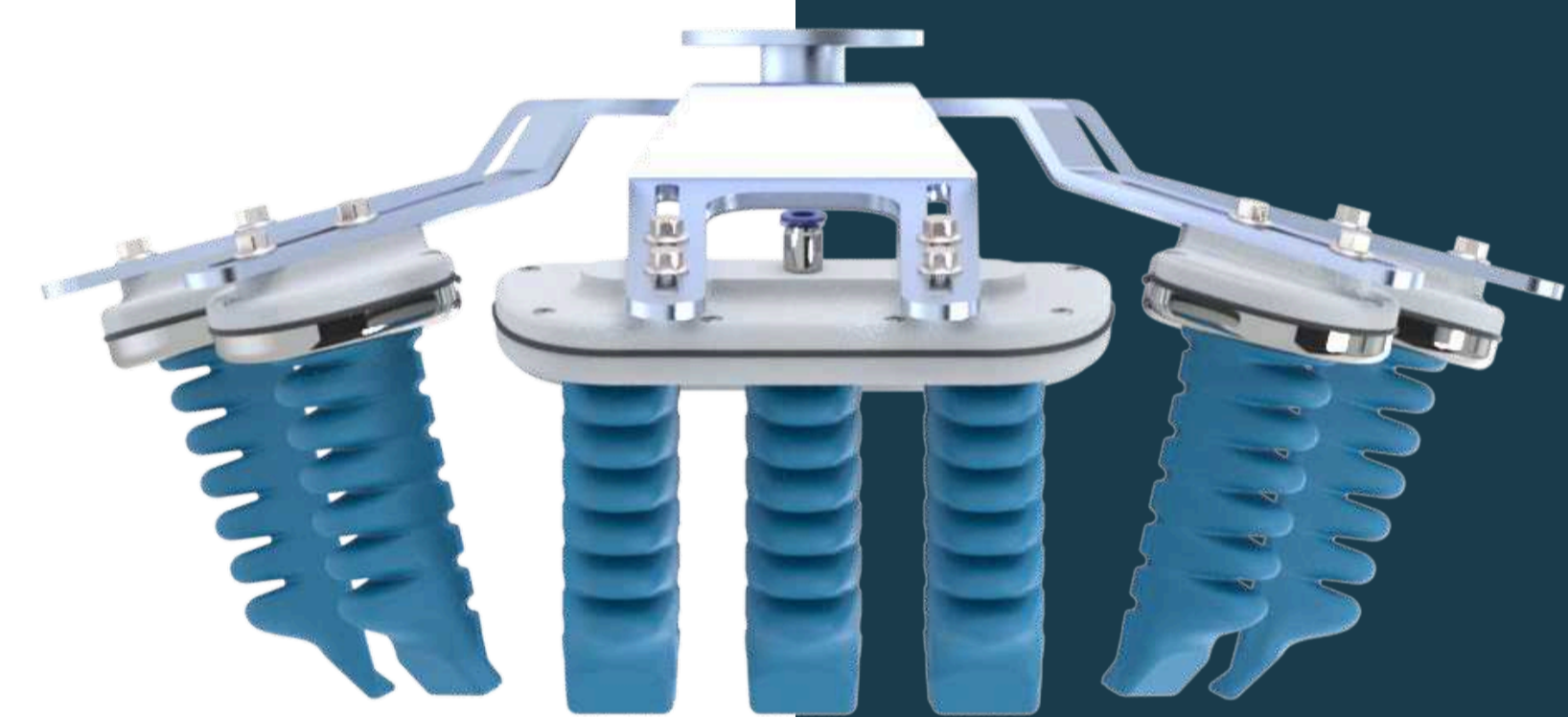
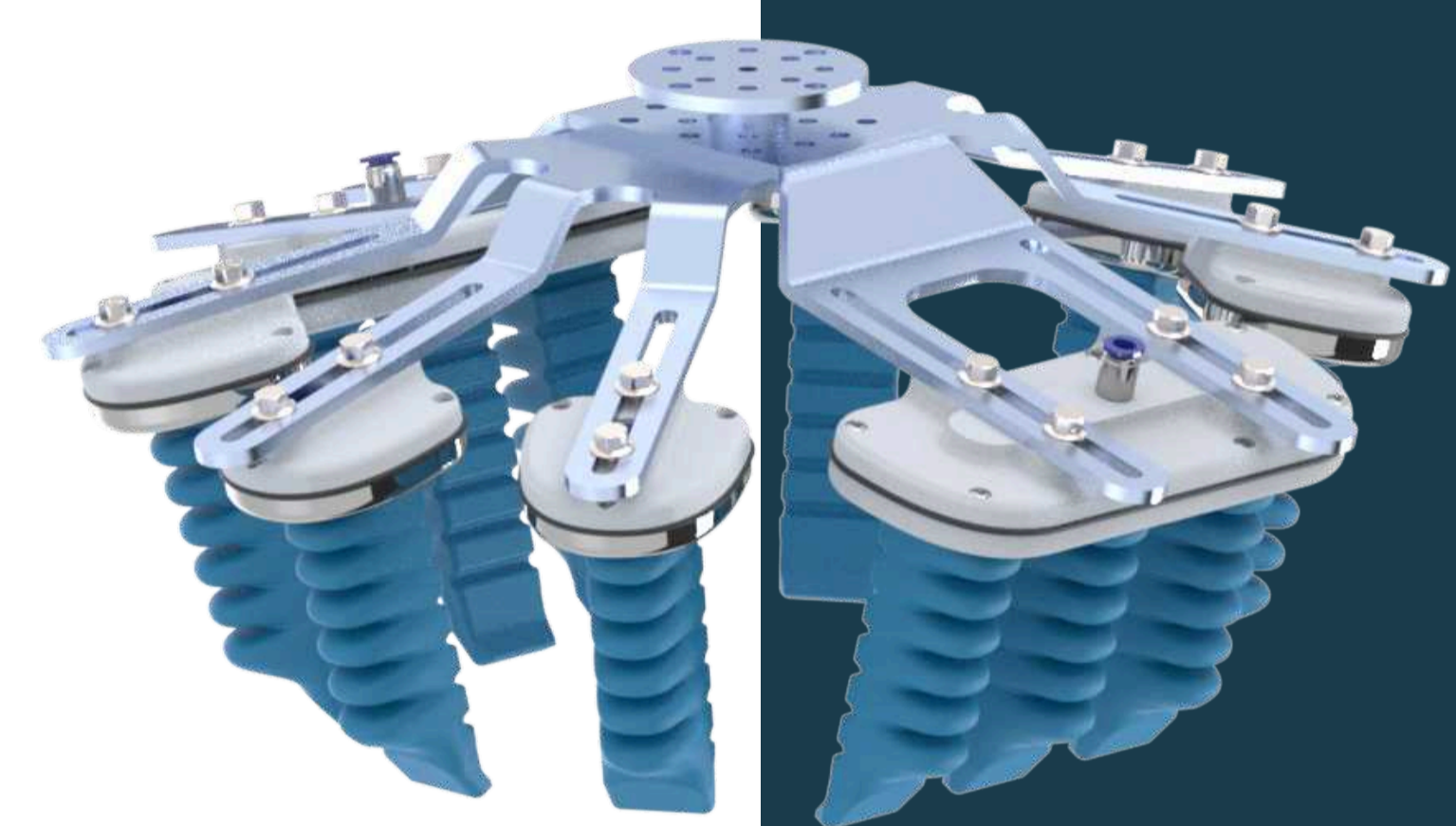
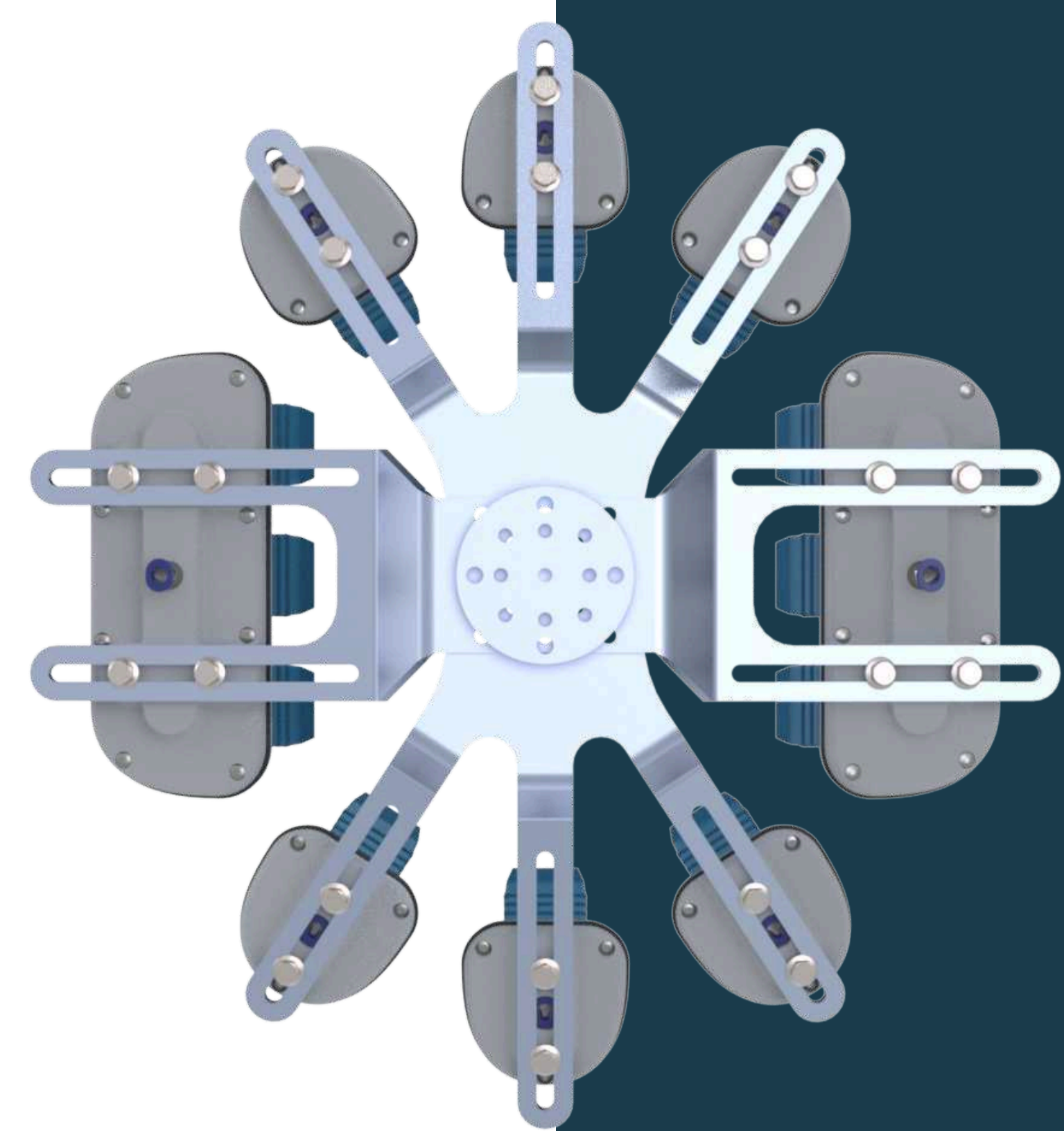
Plug & Play Integration

Designed for quick installation and easy commissioning, minimizing engineering effort and time to production

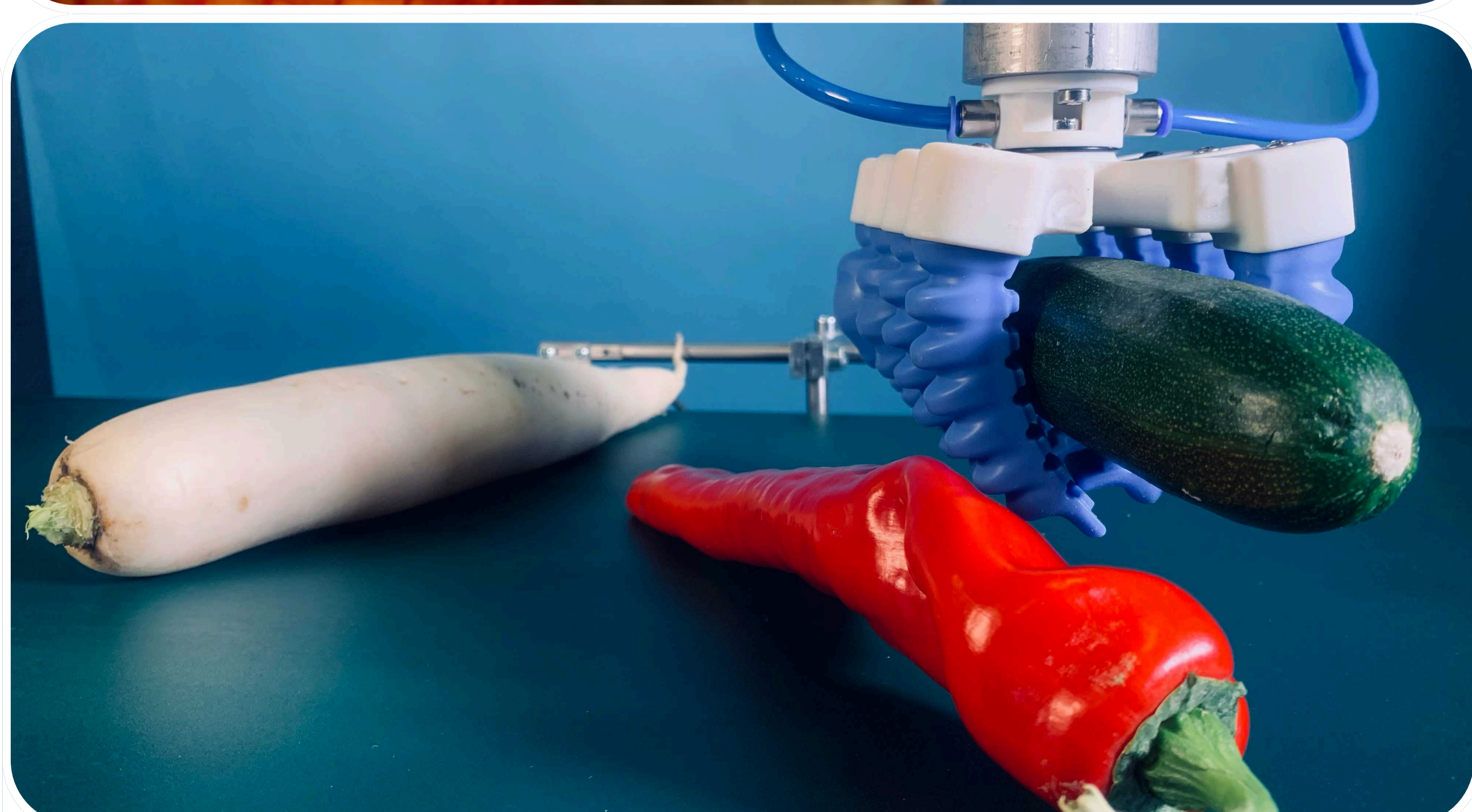
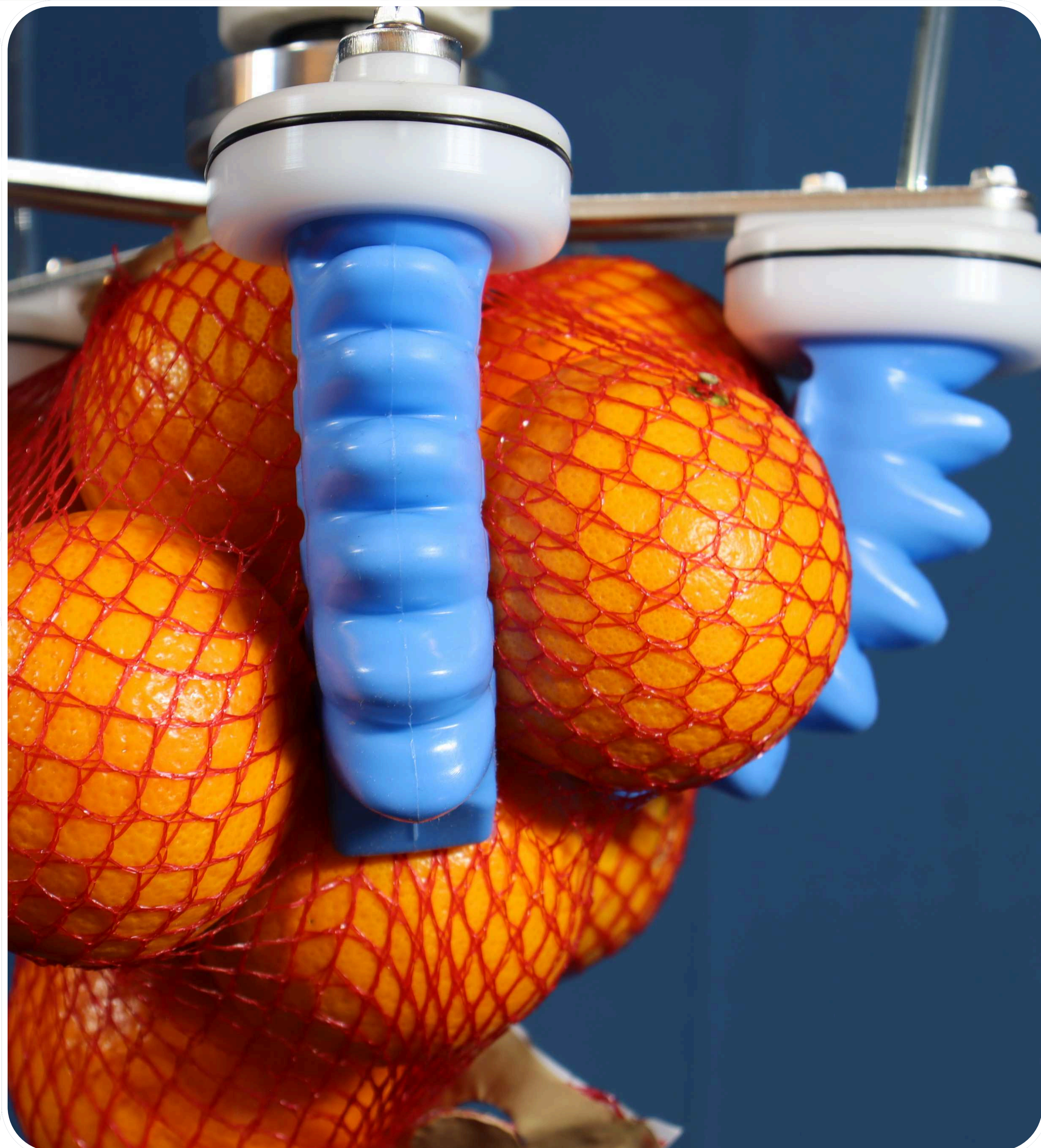
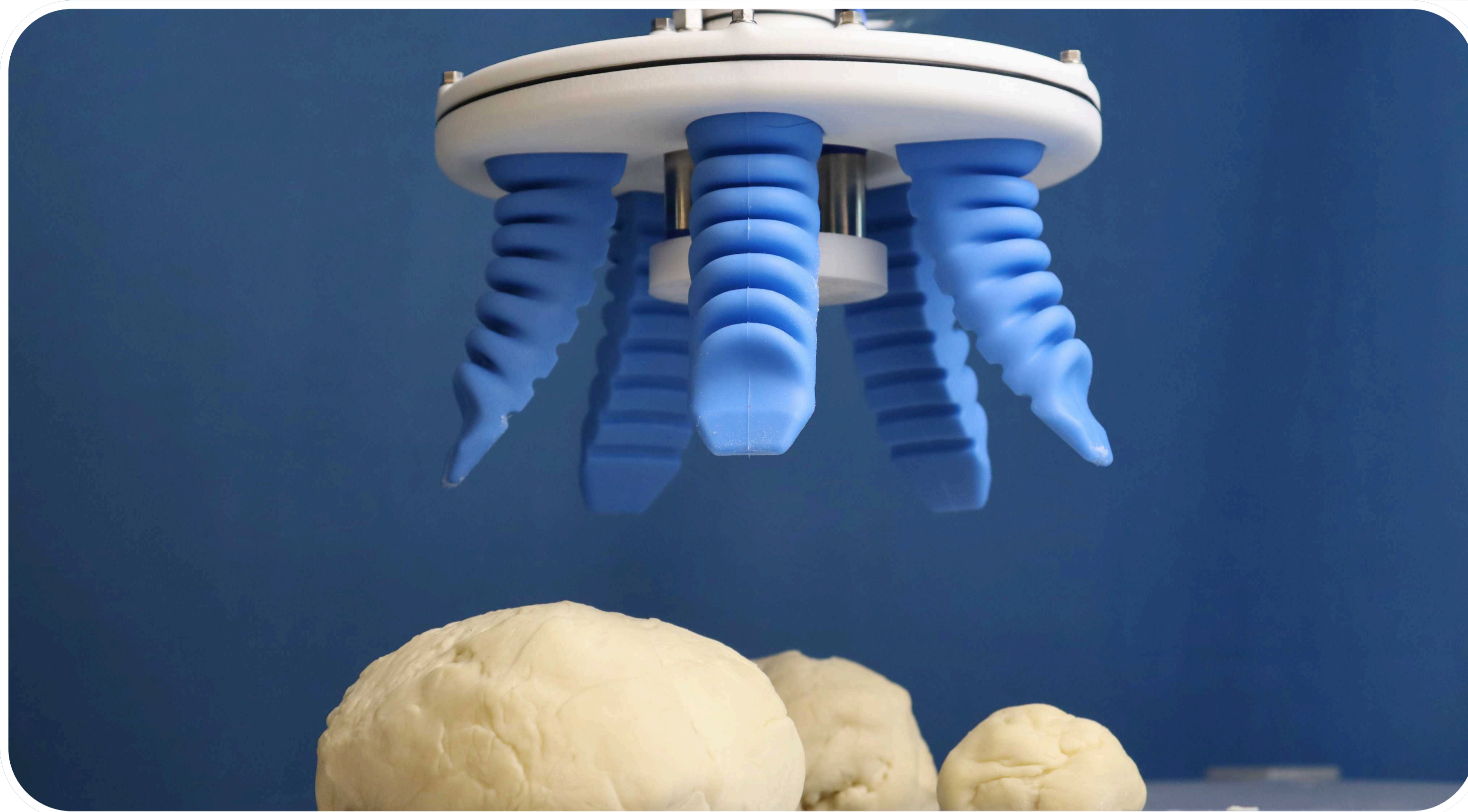
5

High Throughput at Low Cost

Fast cycle times, stable gripping under intensive operation and long service life enable high throughput while keeping energy use and operating costs low.



Industry Solution



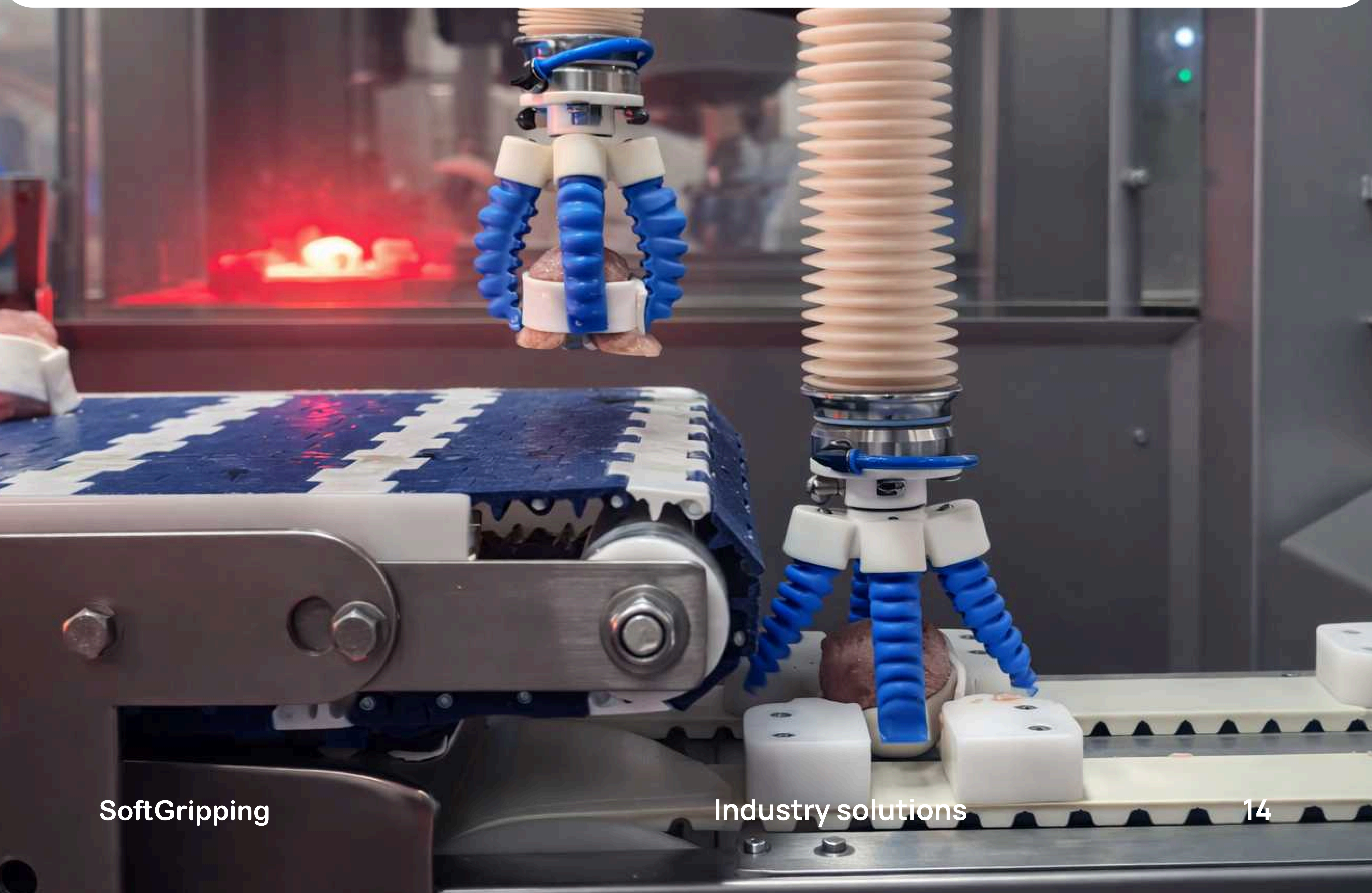
Meat and Fish

In protein processing, hygiene and product integrity are critical. Wet, slippery and irregular products – from fillets and strips to ribs, wings and bone-in cuts – require precise, damage-free handling. Skin-on parts such as drumsticks demand special care, as punctures or tearing can cause rework, complaints or lost batches.

SoftGripping hygienic-design grippers reliably handle unstructured proteins – skin-on items, sub-primals, bone-in cuts and WOG poultry – while minimizing marks and punctures.

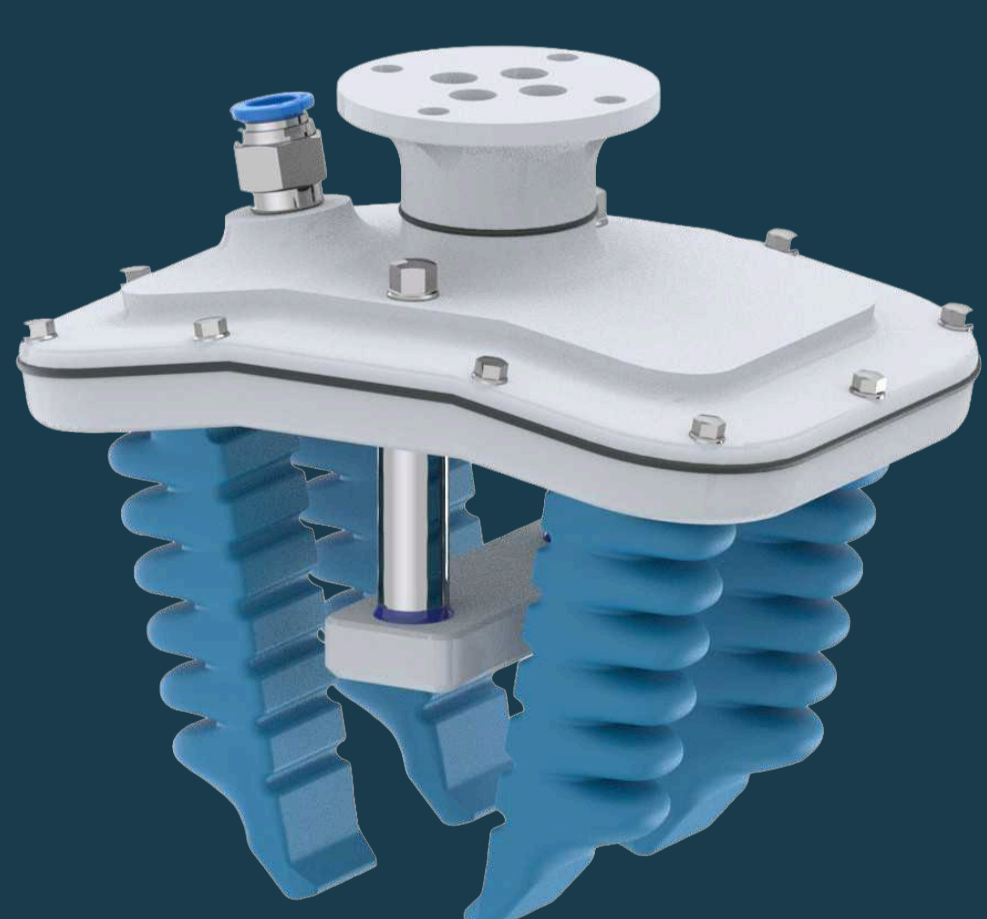
Designed for frequent washdowns and harsh environments, they reduce cross-contamination risk, support IFS/BRC audit readiness, and perform reliably in cold and IQF applications.

Food-contact compliant materials meet FDA requirements and EU regulations (EC 1935/2004; EC 2023/2006 GMP) as well as BfR recommendations.





**Drumstick
Gripper**



**Filet
Gripper**



**Classic
8 parallel
SoftGripper**



**Classic
4 parallel
SoftGripper**

Bakery

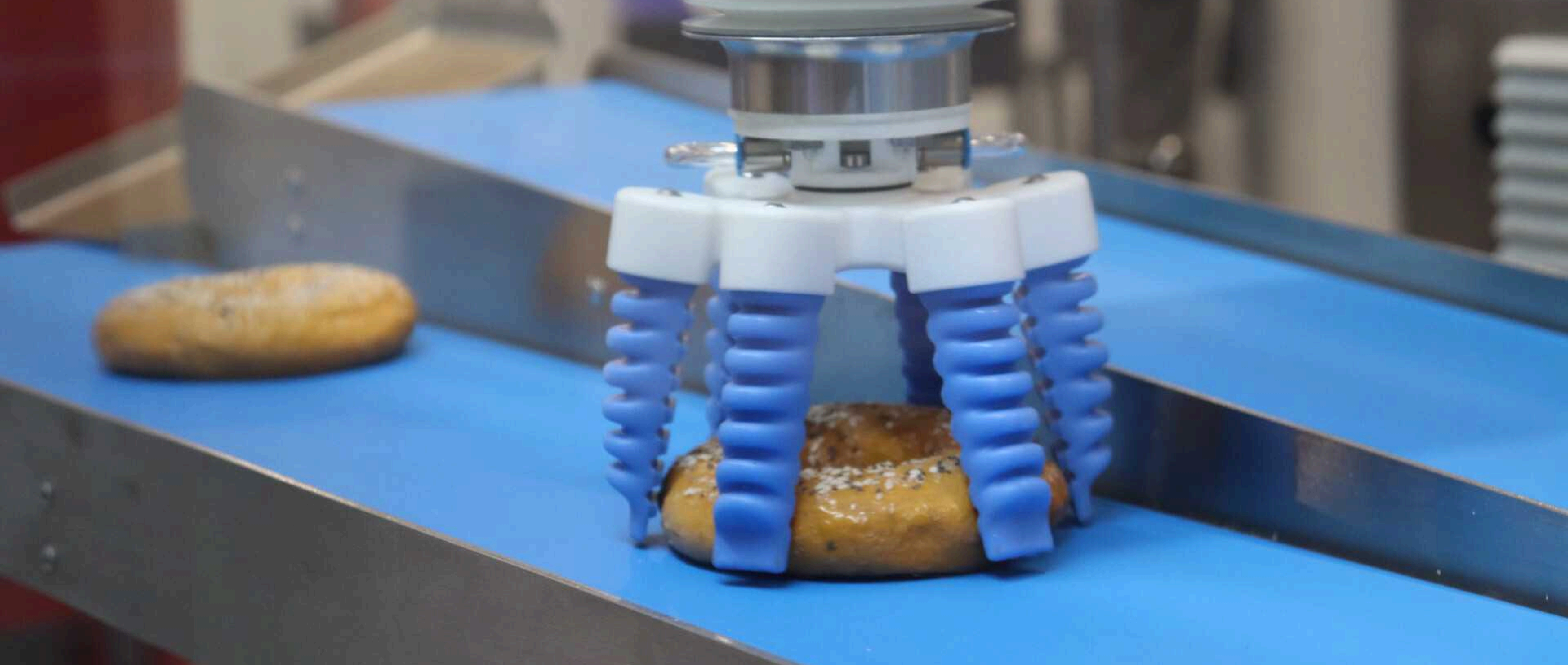
Bakery products – from dough portions to delicate pastries – demand exceptionally gentle handling. Crusts crack, fillings leak and glazes smear easily, while flour dust, crumbs and occasional oil residue challenge high-speed production environments.

SoftGripping soft fingers adapt to the product surface for reliable, damage-free handling of doughballs, proofed and shaped dough, as well as baked goods.

One gripper concept covers multiple SKUs, enabling fast changeovers without compromising quality or line stability.

Whether de-panning baked items, transferring buns or donuts into trays or clamshells, or removing out-of-spec products, the system minimizes dents, deformation and topping damage. The result: reduced scrap, protected product appearance and stable performance at short cycle times.





Dough Gripper



Classic 3 centric SoftGripper



Classic 6 centric SoftGripper

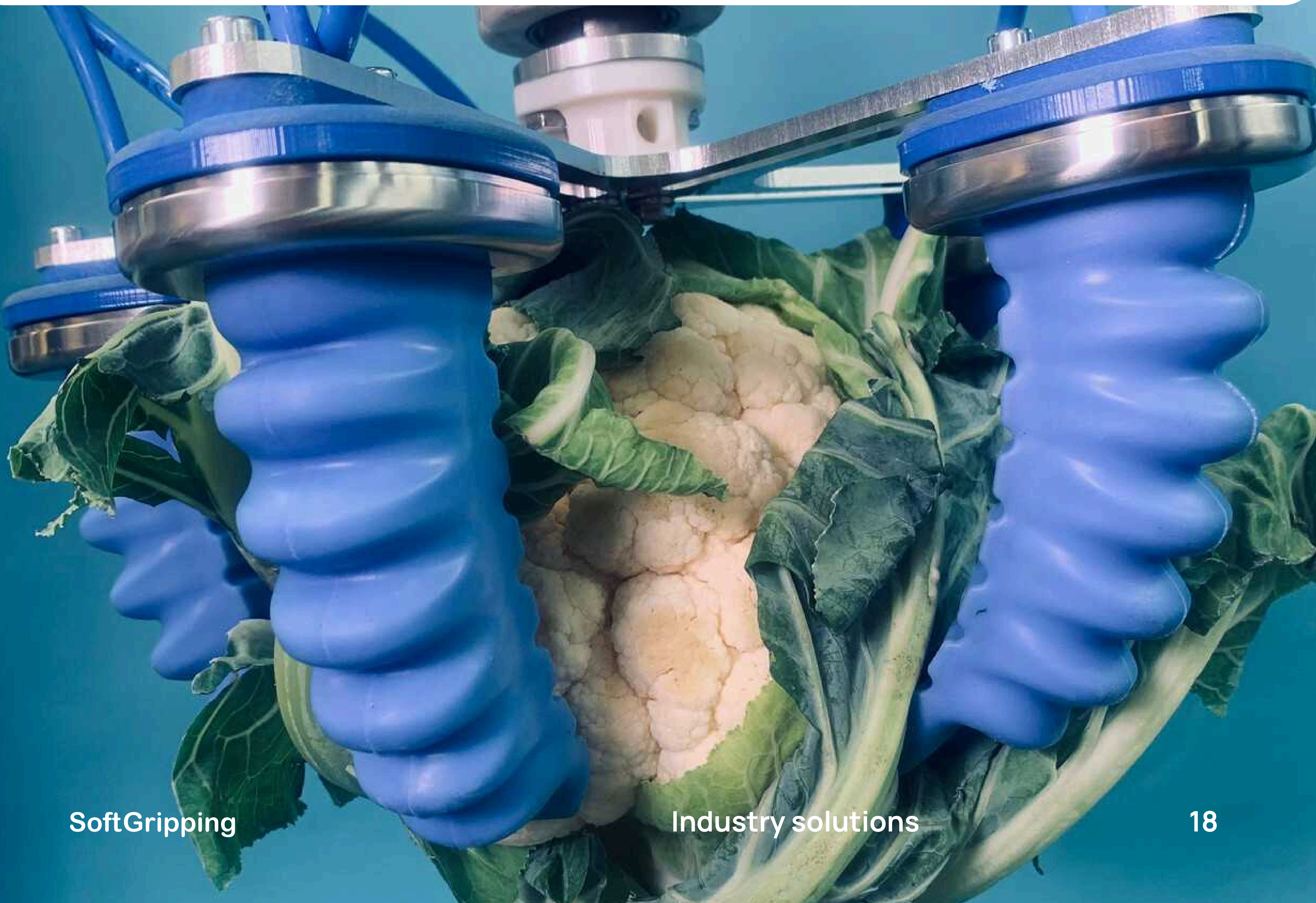


Classic 6 parallel SoftGripper

Fruits and Vegetables

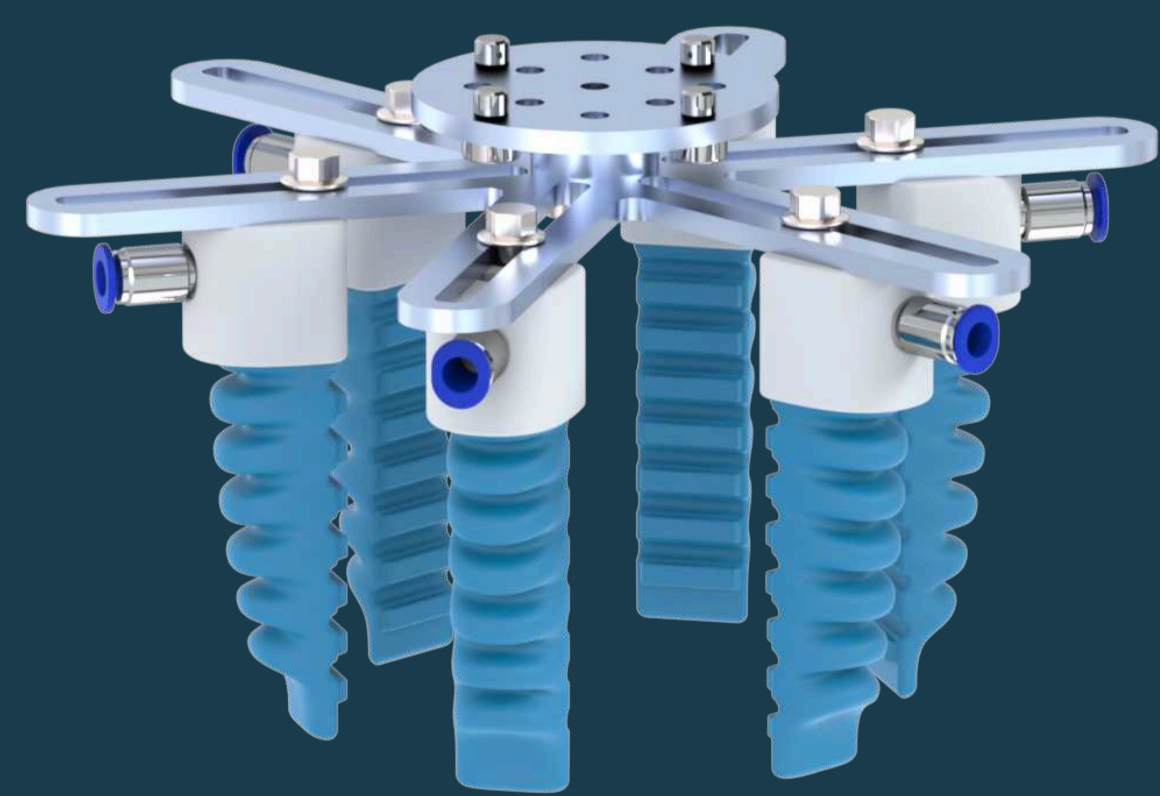
Fruits and vegetables place high demands on automated handling. They vary widely in size, shape, surface texture and ripeness, and are often processed in nets, trays, clamshells or mixed-format packs. Traditional suction systems quickly reach their limits—especially with perforated packaging or when surfaces are wet, dusty or waxy. Even minor scuffing or pressure marks on the peel can shorten shelf life and significantly reduce visual appeal at retail.

SoftGripping delivers gentle, adaptive handling for both single items and packaged products. Flexible fingers conform to the product's shape, distribute contact pressure evenly, and help minimize bruising and dents. This enables reliable handling of a wide product assortment, including mixed and “traffic light” packs, while reducing changeovers and maintaining stable throughput across the line.

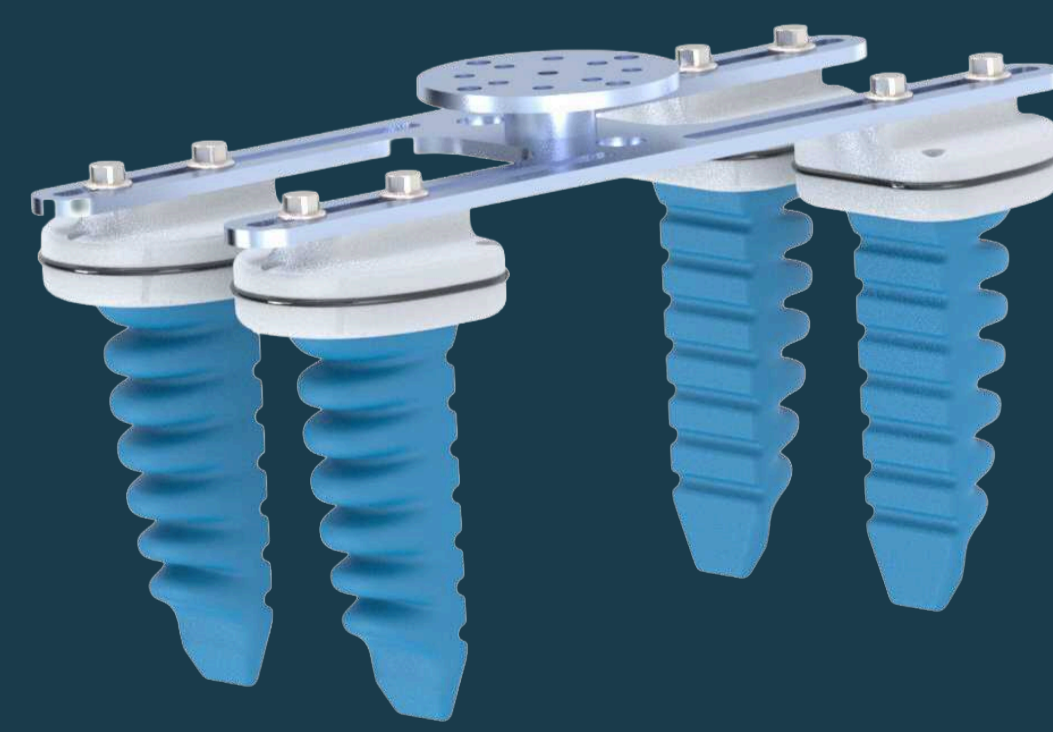




Bag Gripper



Classic 6x1 centric SoftActuator



Gorilla 4x1 parallel SoftActuator



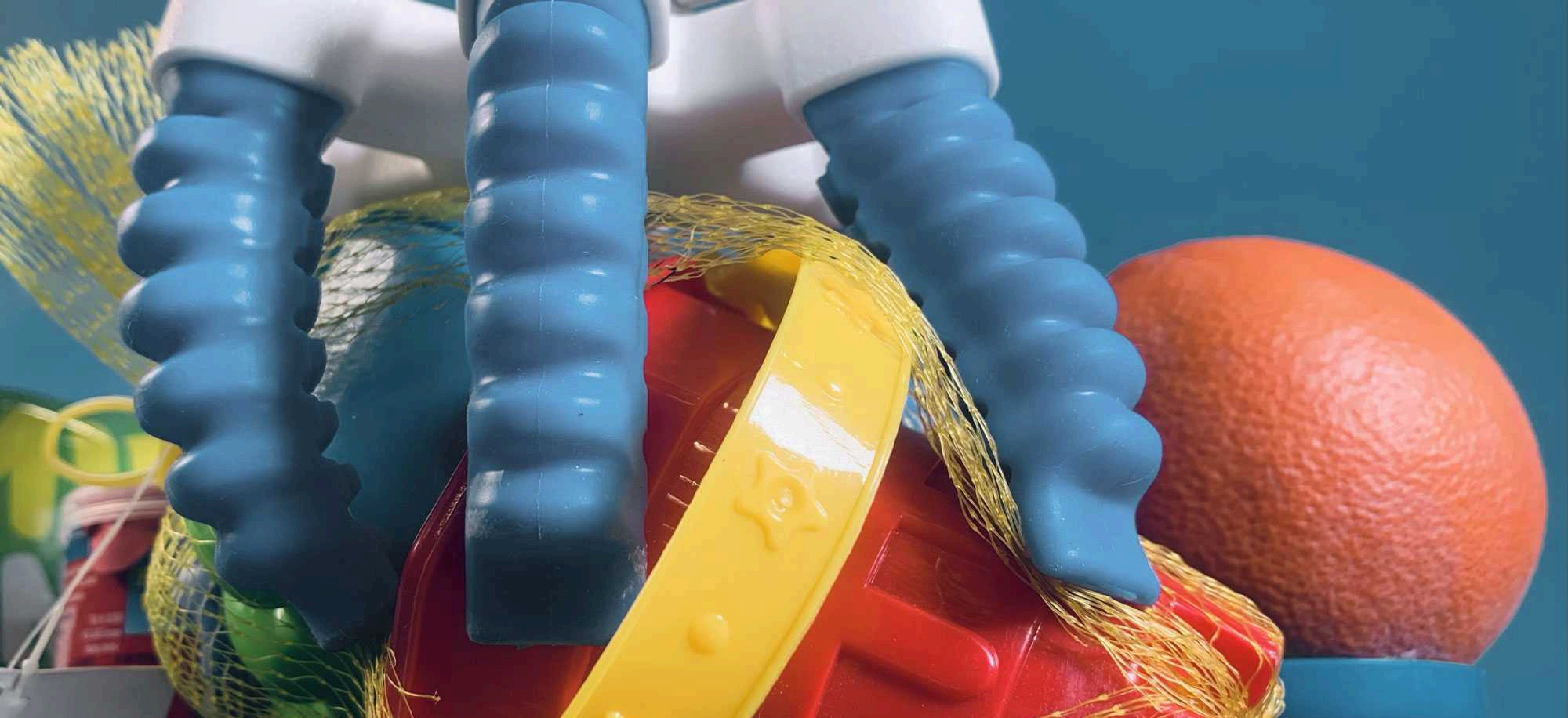
Gorilla 5x1 centric SoftActuator

Order Picking and Packaging

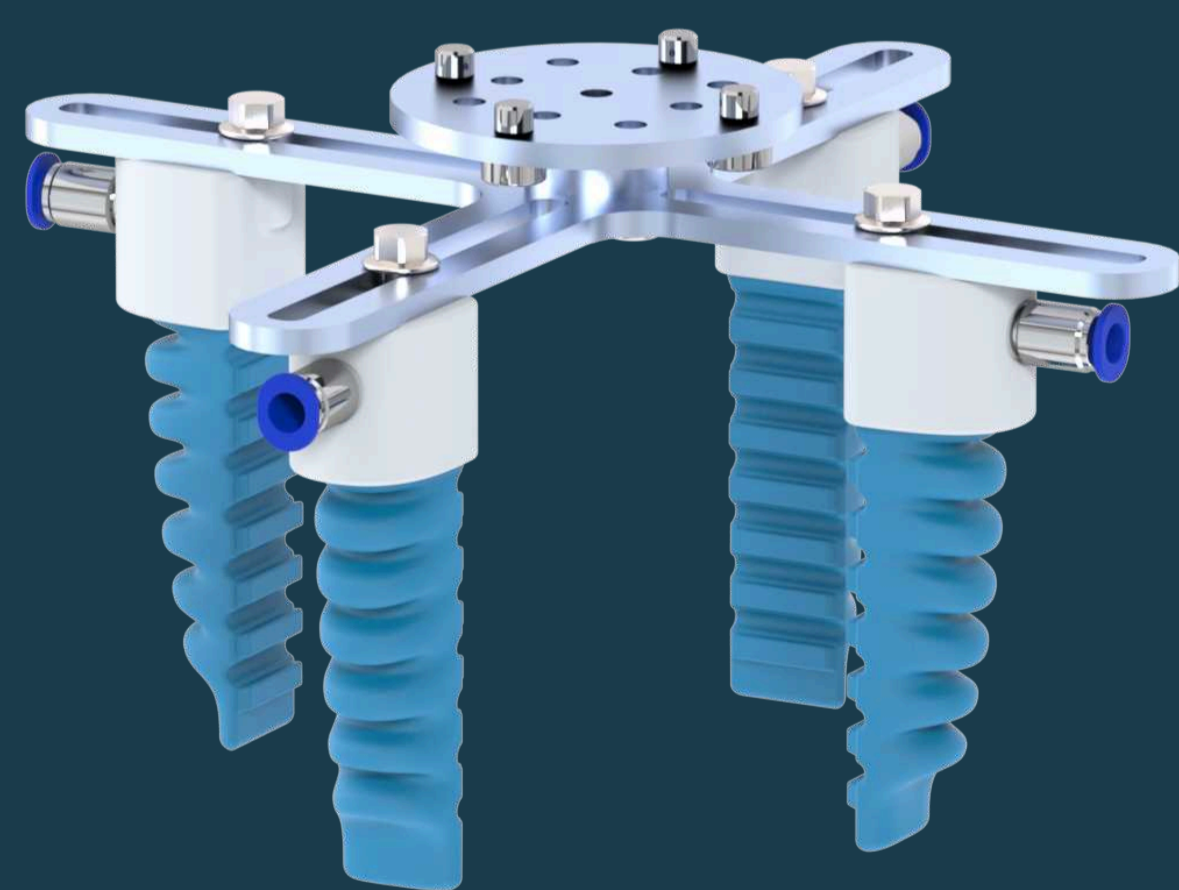
In logistics and e-commerce, every order is unique – from bags and boxes to tubes, flexible packaging, and non-standard shapes, including polybags, shipping pouches, and recycled kraft paper – all of which present special challenges for automated picking and often lead to high 'cannot pick' rates. SoftGripping modular end-of-arm tools (EoATs) adapt to any shape and size, maximizing SKU coverage and reliably handling deformable products with a high First Pick Success Rate. The soft, adaptive fingers protect the packaging, preventing wrinkles, crushing, and surface defects, ensuring a consistently professional product presentation.

By adapting flexibly to each item, SoftGripping EoATs reduce tool changes and simplify the handling of numerous SKUs. The modular solution supports stable throughput (PPH) even with varying sizes, weights, or fill levels. By minimizing retries and simplifying grasp planning, it integrates seamlessly into existing production lines and with system integrators. The result: efficient processes, fewer errors, and consistently high product quality – without additional manual intervention or effort.

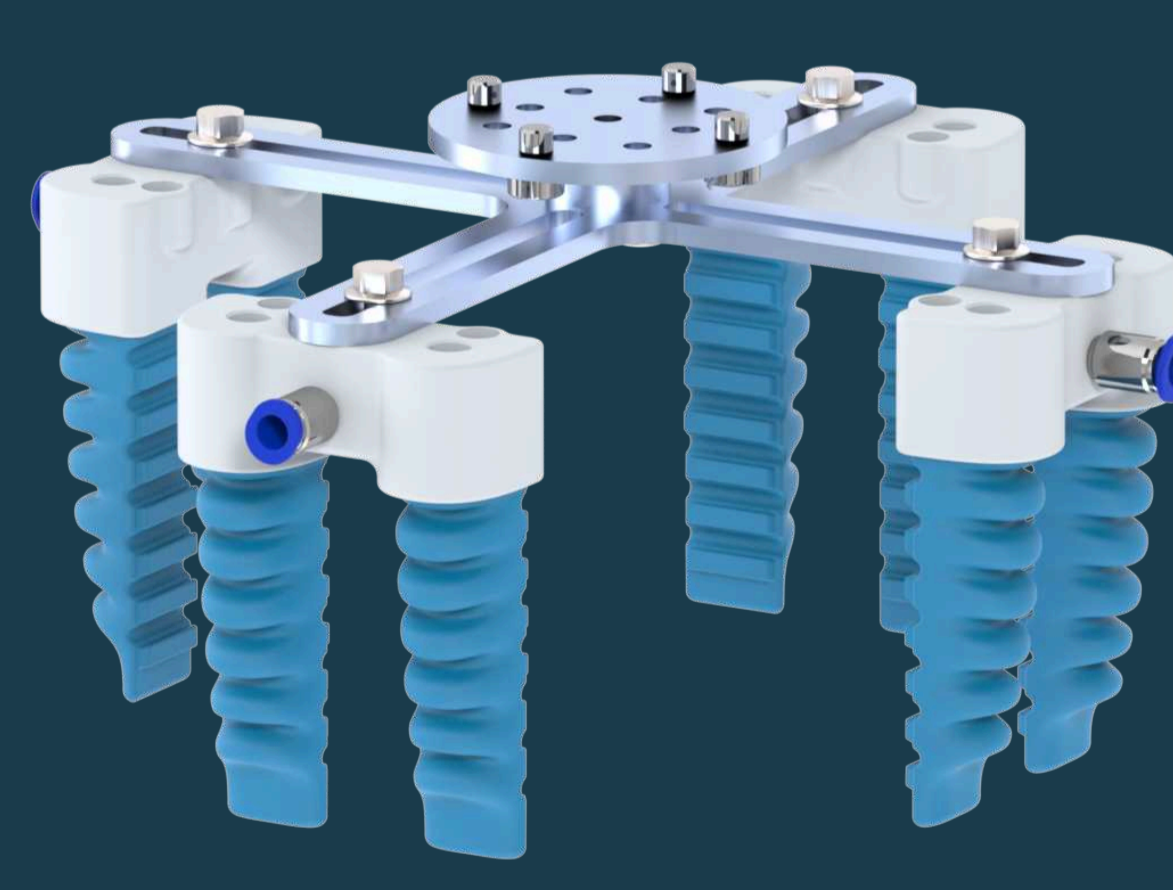




**Classic
3 centric
SoftGripper**



**Classic
4 centric
SoftActuator**



**Classic
4x2 centric
SoftActuator**



**Gorilla
3x1 centric
SoftActuator**

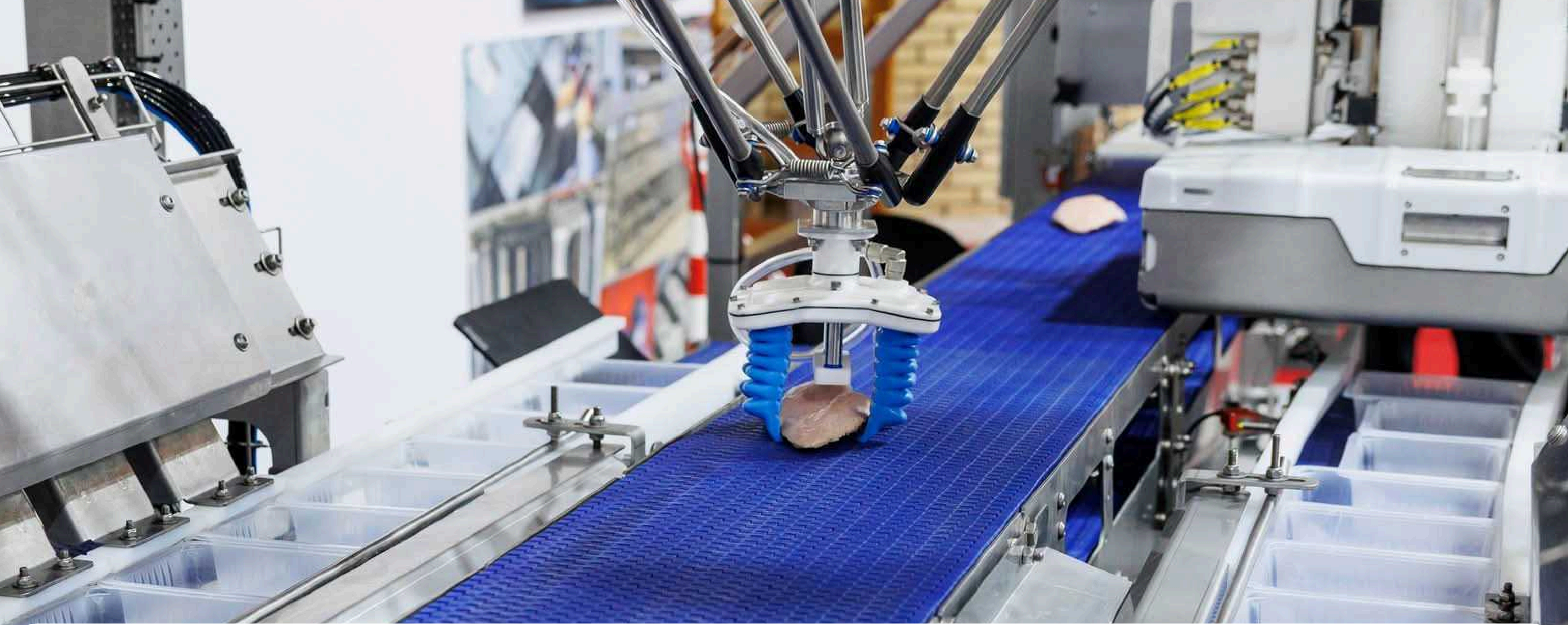
Customized Solution and collaborative Engineering

Every production environment is unique – from product characteristics and space constraints to hygiene standards and automation levels. That's why SoftGripping goes beyond standard modules whenever required. We adapt existing grippers or develop fully customized configurations tailored to your application.

We minimize project risk by taking full ownership from concept to validation. Our team analyzes your production line and constraints, develops optimized layout concepts, conducts joint product testing, and delivers a validated solution with clearly defined acceptance criteria.

Working in close partnership with your team – and coordinating seamlessly with your selected system integrator – we ensure smooth implementation, reliable ramp-up, and long-term operational performance.



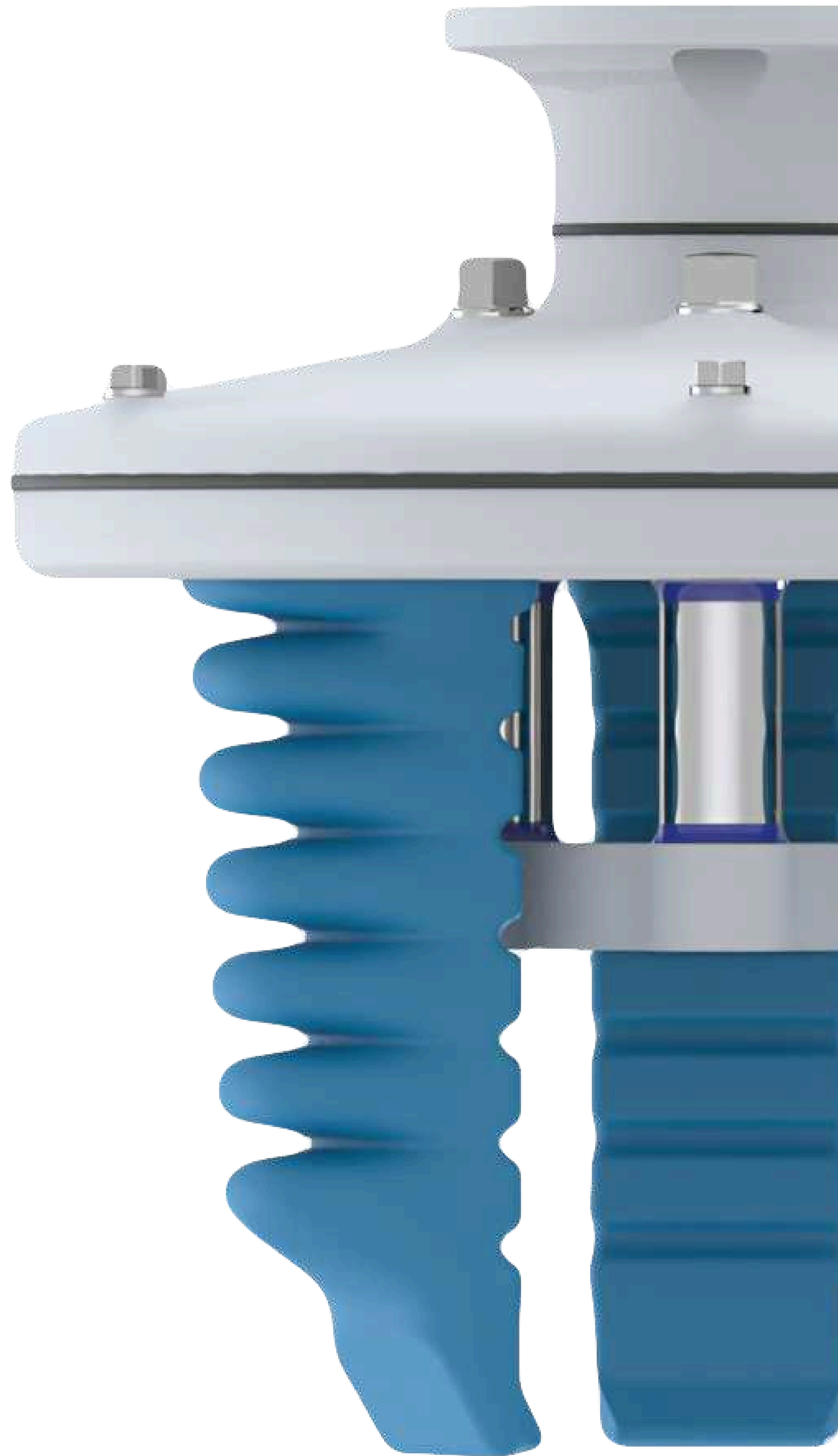


Trusted by Customers Worldwide

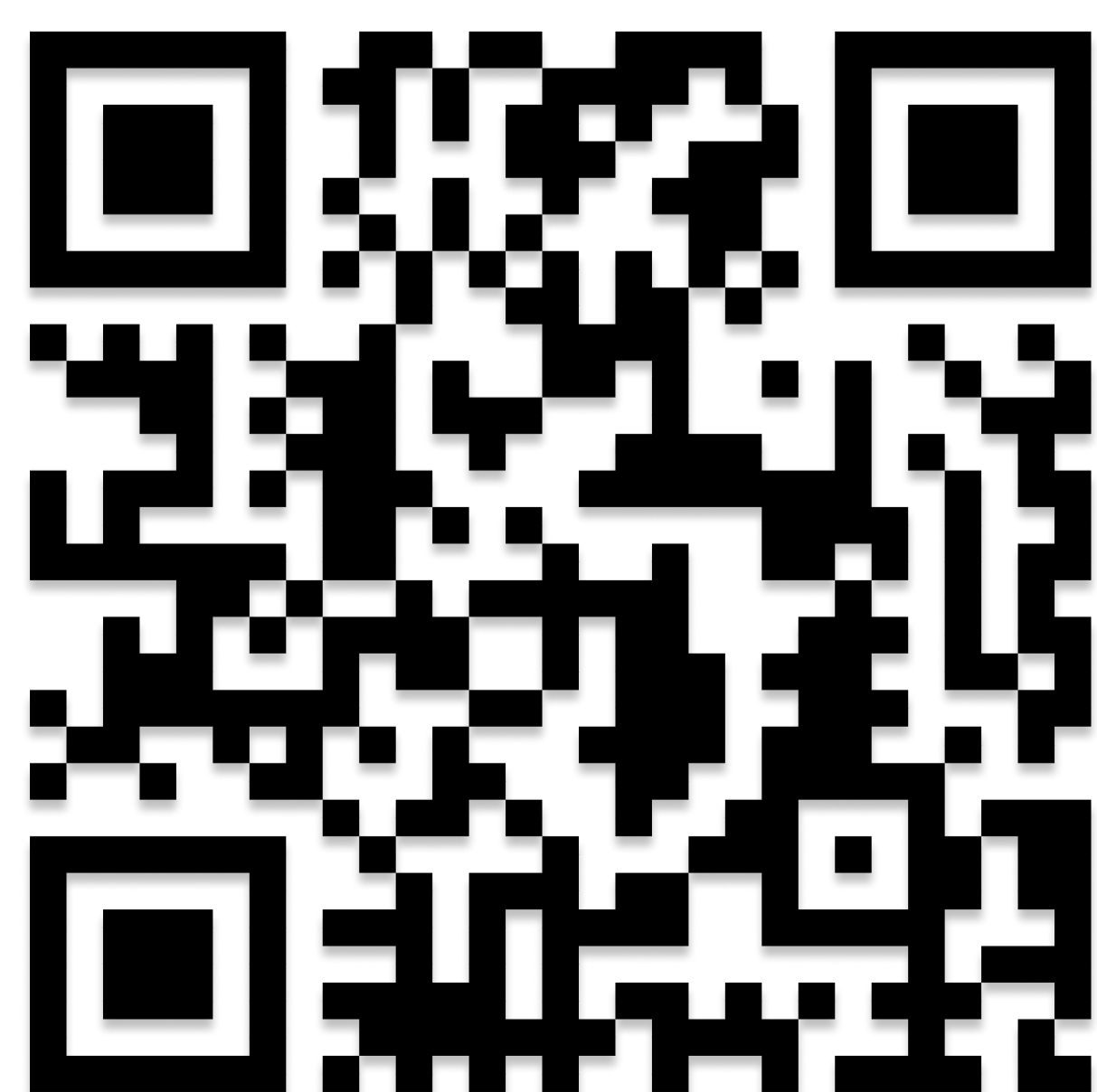




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