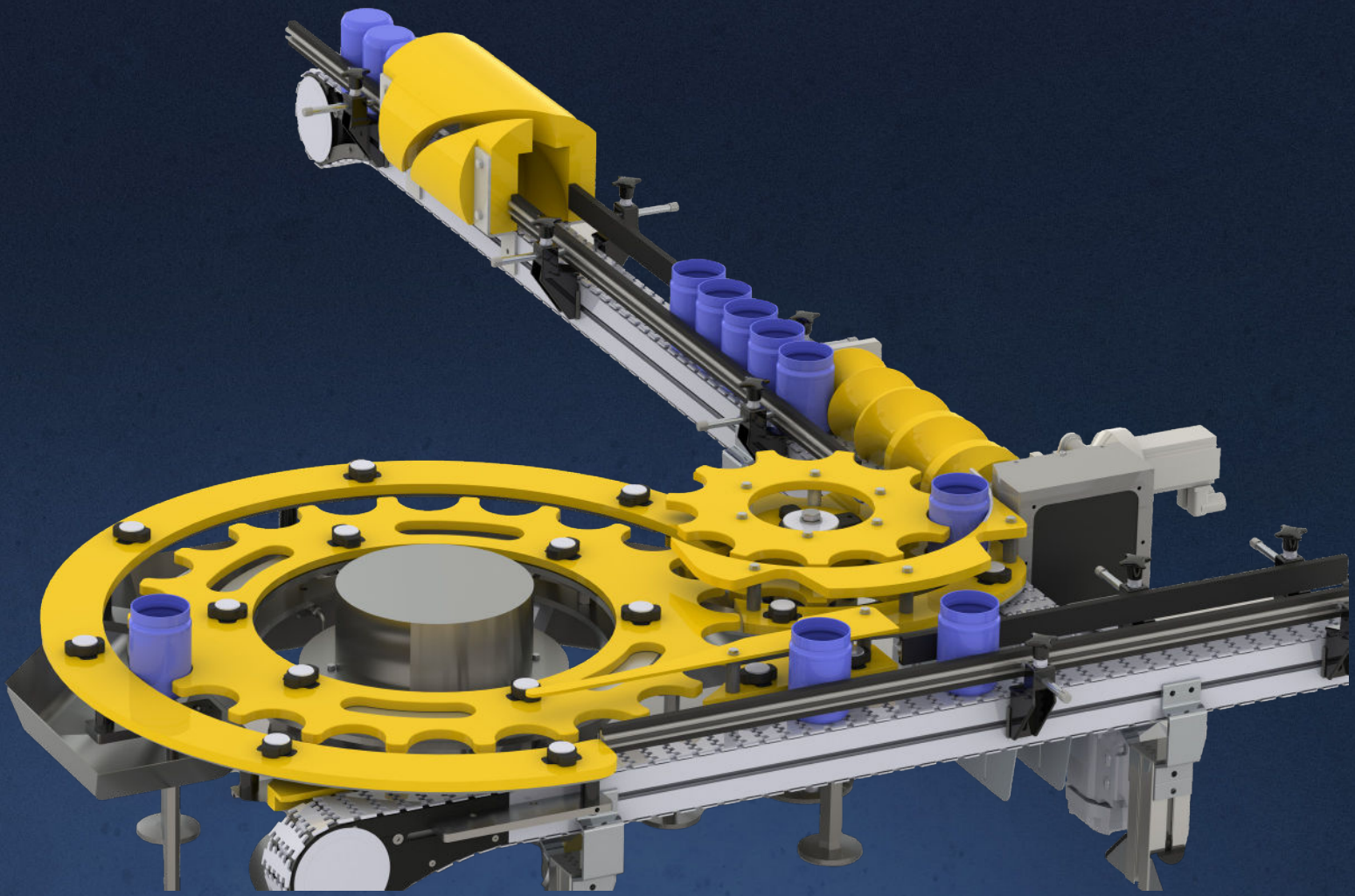
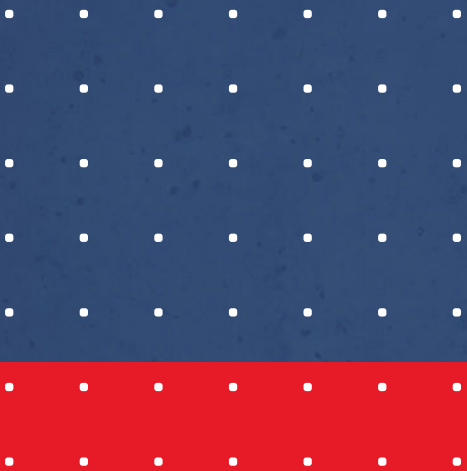




Tooling Screws Turning units





- hellomoov' group company

Faber is a leader in the design and manufacturing of equipment for bottling machines: screws, tooling, associated guides, and saddles.

Faber also offers 90° to 360° turning units (twisters).

On-site measurements, quick disassembly, material reduction, protection of bottles, multi-format capabilities: based on your requirements, we develop original solutions.

Faber designs and manufactures handling solutions using variable-pitch screw systems: rotation and step alignment, grouping or distribution, tilting, and more.

Our commitment



Since 1997, Faber has been **ISO 9001** certified, demonstrating our commitment to quality and continuous improvement.



Today, Faber is embarking on a new corporate project by implementing a CSR approach. This project combines environmental and social issues with economic ones.



We are committed to sustainable development. Protecting people and the environment by maintaining and producing modular, repairable, long-lasting products. We can also recycle the materials we can supply that you no longer need, by working on recycling our packaging and waste.

Tooling for packaging machines

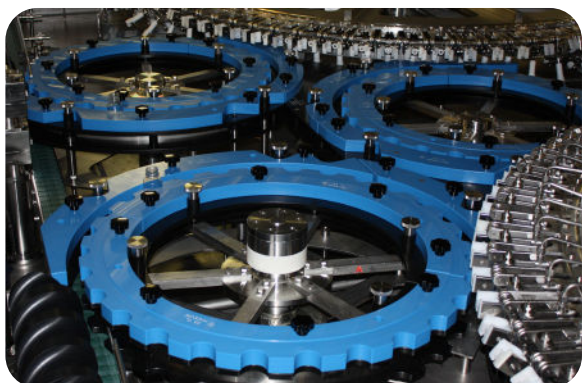
Faber handles all your tooling projects, from measurement to integration.

Our star wheels and plastic guides are custom-machined plastic parts designed to meet your specific needs for the liquid packaging industry .

Used together with feed screws, the star wheels manage the supply of vials or bottles at the infeed of a packaging machine, while the guides ensure that products are kept in the correct orientation and position during transport.

Faber can also supply custom "5S" carts for storing format tooling.

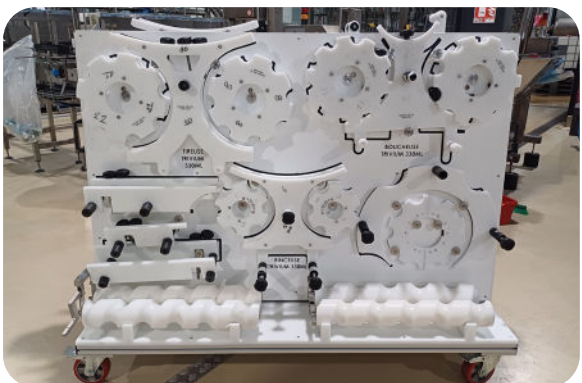
| Solutions for your tooling



Tooling: height-adjustable, with lightweight component design.



Rotobloc : Quick-change format system adaptable to any type of machine.



Custom-made "5S" cart



10 RAL colors available for identifying your bottle formats

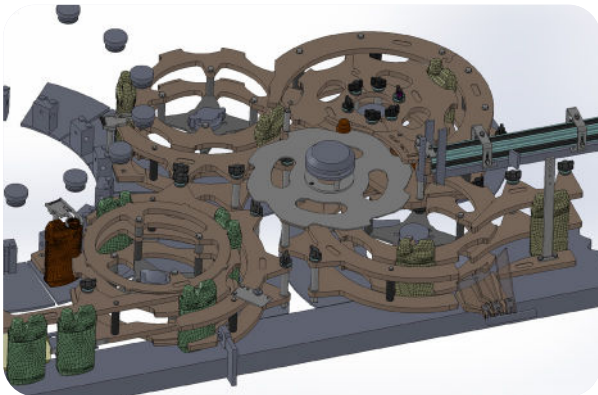
Our Services



On-site deployment at our customers' premises



Scanning of parts and machine bases with a 3D scanner



3D Design



Manufacturing on high-capacity machinery



Tooling assembly



Technical support and on-site integration at our clients' facilities.

Handling **screw** systems

Faber is recognized as the European leader in the design and manufacture of variable-pitch screws. For 40 years, several thousand screws have been machined every year in our workshops. This experience allows us to advise, recommend, and guarantee results according to the specifications, and to test complex functions on our test bench.

These screws are used in many fields such as the pharmaceutical, cosmetic, and food industries, as well as in all packaging industries for vials, bottles, jars, pots, cans, cardboard packaging, and various other products. This principle is mainly used to feed packaging machines for vials, bottles, cans, and various other packages at very high speeds.

Handling screws can also be used to perform more specialized functions such as product rotation, batch grouping, splitting onto two lanes, merging onto one lane, tipping, or destacking.

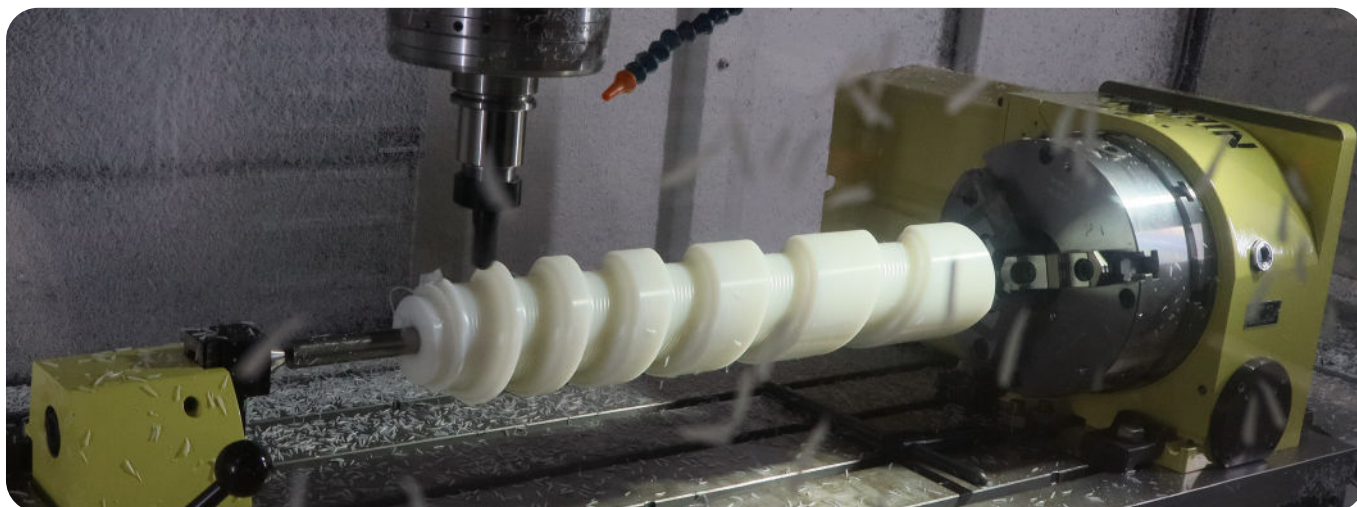
We can machine these parts in the material of your choice, including PA6, PE, PEEK, PETP, POM, PP, PTFE, PVC, PVDF, as well as brass or aluminum.

Production capacity

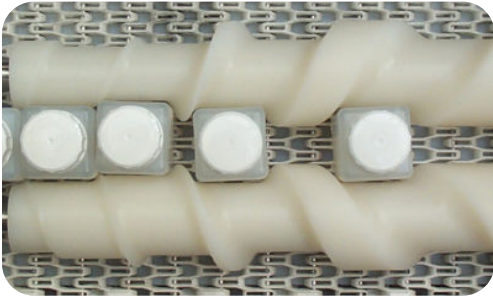
10 to Ø 260 mm, length up to 1900 mm per section

Materials

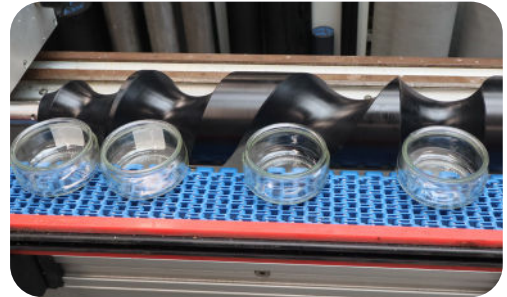
- Technical plastics
- Light alloys
- Metal shafts and end fittings according to drawings or models



Functions of screws



Step alignment:
Selection or spacing



with "stop":
halts the product in the screw



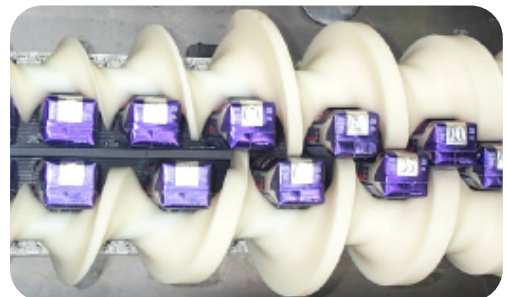
Rotation:
with or without grouping



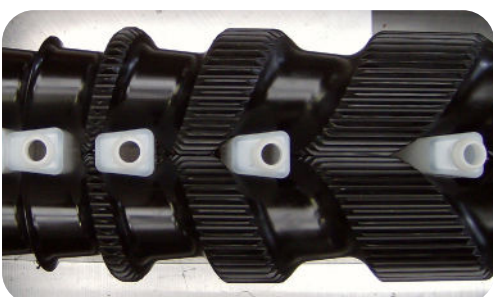
Batching:
usually in groups of 2 or 3



Distribution:
from 1 to 2 lanes



Merging:
from 2 to 1 lane



Toothed:
1 driving screw, 1 driverscrew



Tilting:
filling of inclined bottles

Turning units (Twisters)

Plastic machining enables the custom manufacturing of turning units. This concept, patented by Faber, makes it possible to rotate products by 90°, 180°, 360°, or at any other angle depending on requirements. The smooth inner surface protects your products, while the unit guides them through the rotation. Once developed by our experts, this principle proves to be simple, efficient, and long-lasting, with no risk of breakdown and requiring no particular maintenance.

These units are widely used in the food, pharmaceutical, and cosmetics industries in order to eliminate potential foreign bodies from containers. By inverting bottles at 180° for blowing and/or suction of impurities, the safety of your packaging processes is greatly enhanced.

Turning units can also be used for the sterilization of filled and sealed bottles.

Applications

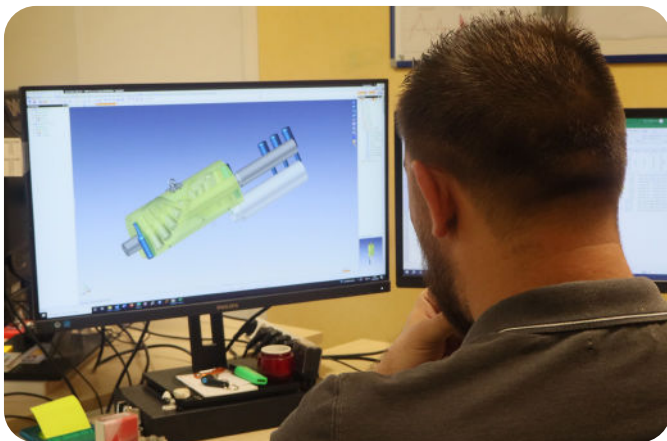
Blowing: removal of impurities

Laying: Positioning of products

Bottle **sterilization**

Marking: product orientation

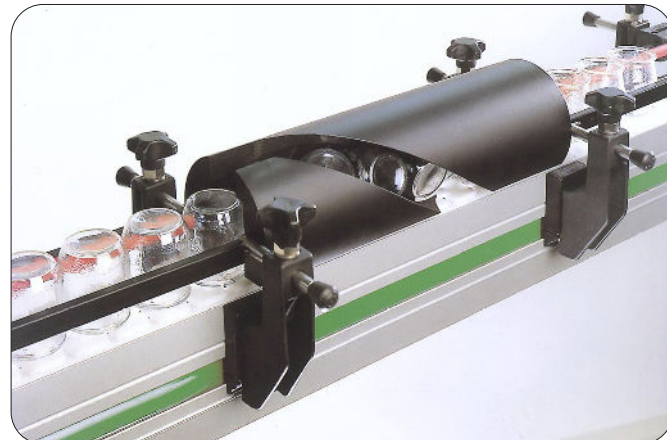
Emptying: removal of contents



Some achievements



Sleeve made from assembled plates



One-piece unit on conveyor



180° turning unit on conveyor



360° turning unit with straight central section





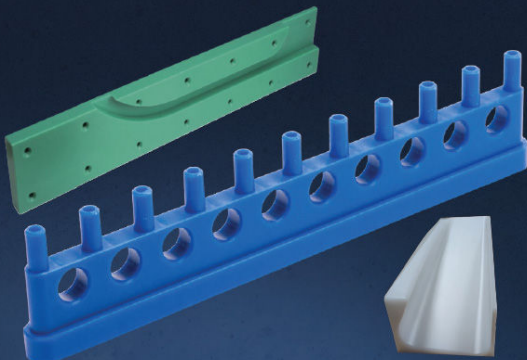
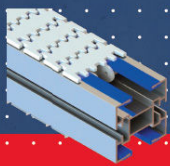


Workshop

Faber is also



**Modular
Conveyors**



**Machined plastic parts
Slide & guide profiles
Engineering plastics**



Download our documentation at faber.fr



and discover our videos on YouTube: [Faber SAS](https://www.youtube.com/FaberSAS)



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