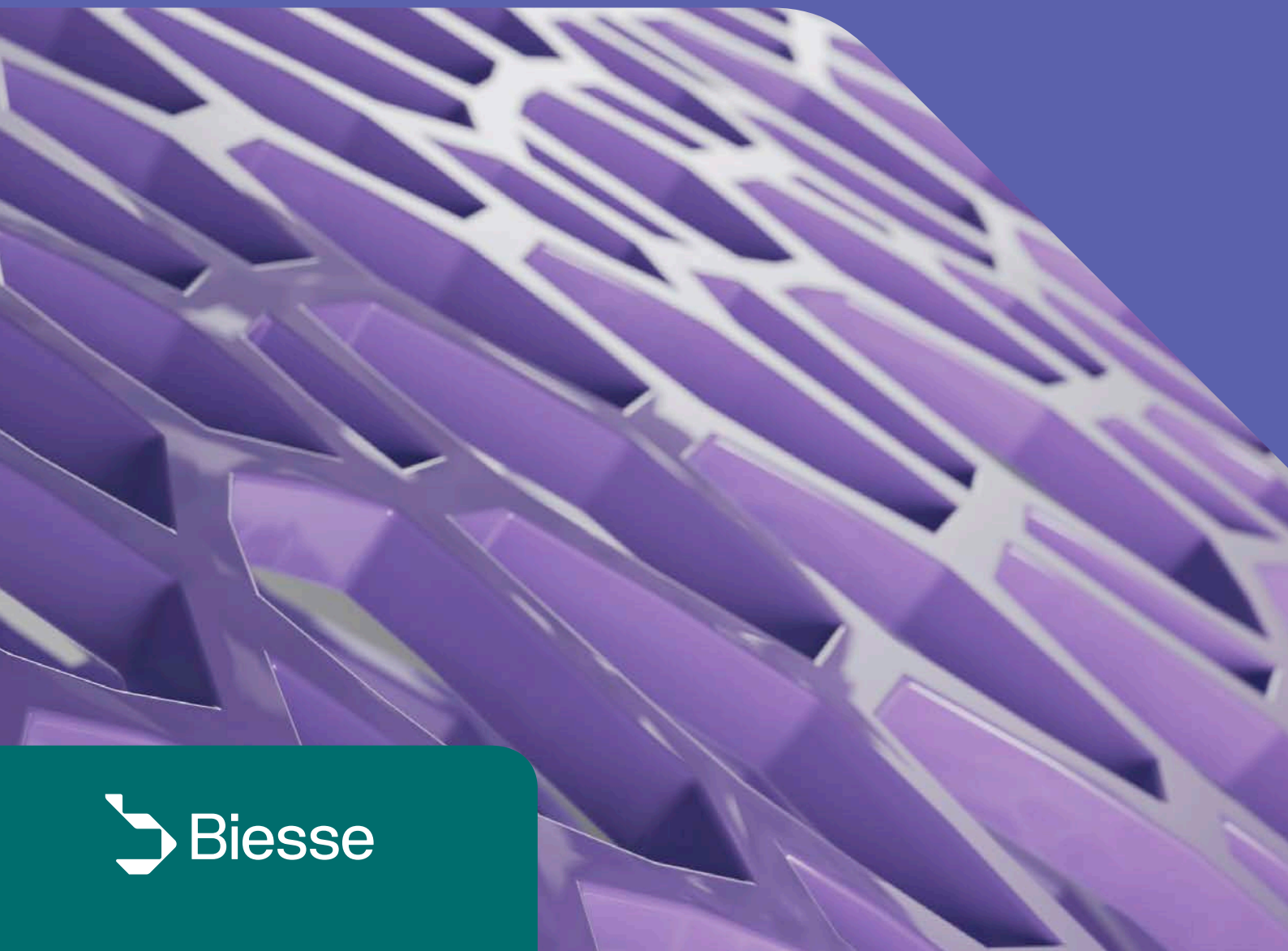
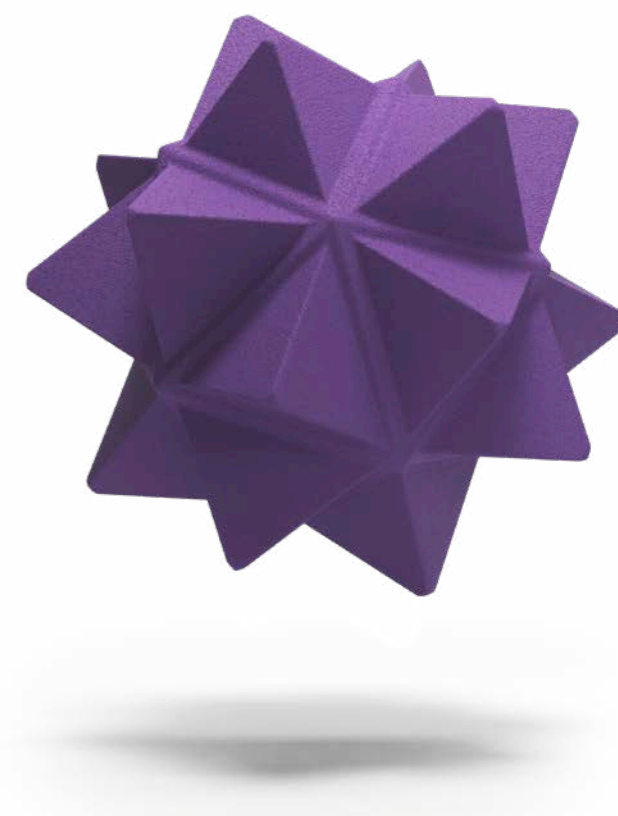


Product Portfolio

Finishing



Product Portfolio



Founded in Italy in 1969
International natives

We are an international company that manufactures lines, machinery and components for making products, enhancing the potential of a wide range of materials.

Thanks to our rooted competence nurtured by an ever-growing worldwide network, we support your business evolution - empowering your imagination.

Master of materials

We simplify your
manufacturing process
to make the potential
of any material shine

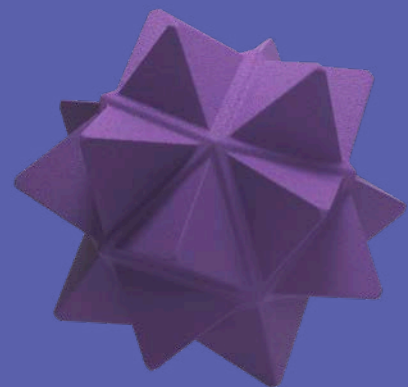
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Materia

We manufacture polymers and composites processing solutions for automotive, aerospace, technical packaging, and engineering plastics.



Discover
all our machines
for polymers
and composites



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Explora

Machines

Identify in a few words the most suitable machine for your needs from our product portfolio.

Machining type

Cut

Cutting

Fin

Finishing

Multi

Multi-machining

Segment

Pro

Distinctiveness and performance

Up

Agility and expertise

Go

Simplicity and compactness

Explora

Explora is the excellence in the processing of polymeric and composite materials, with a range of cutting-edge machines in line with the needs of the most demanding sectors.

The Explora range stands out for its high machining precision, offering exceptional flexibility at every stage of the process. Thanks to the integration of advanced technologies, Explora is designed to tackle the most complex production challenges, delivering innovative and reliable solutions.



Machining Types

A machining operation for every requirement

Machining types classify the different operations based on their intended purpose or end-use application.

Cut

Cutting

The range of solutions for cutting includes single-cut panel saws and waterjet machines for rubber, foam, plastic and composite materials.

Fin

Finishing

Solutions for the thermoforming of plastic materials.

Multi

Multi-machining

Range of machining centres for carrying out different types of milling, boring, nesting and trimming of plastic, composite and technopolymer materials.

Segment

Your needs,
our skill

Your daily challenges feed our experience, as they enable us to get to know your requirements, your production dynamics and your spaces.

To meet your needs, we've created a range of products designed to help you choose the most suitable solution.



Distinctiveness and performance

Pro represents excellence in terms of performance, designed for customers who wish to distinguish themselves with the latest-generation solutions that they choose.



Agility and expertise

The perfect choice for managing custom production requirements. The Up solutions combine advanced flexibility and functionality, guaranteeing efficient responses to constantly evolving production challenges.



Simplicity and compactness

The Go solutions are designed for those looking for compact, easy-to-install machines that are simple to use. Ideal for those looking for a practical, immediate approach.

Finishing

Solutions for the thermoforming of plastic materials.

Fin

Discover all
our thermoforming
machines



biesse.com

Thermoforming

Product Brand

Model

Segment

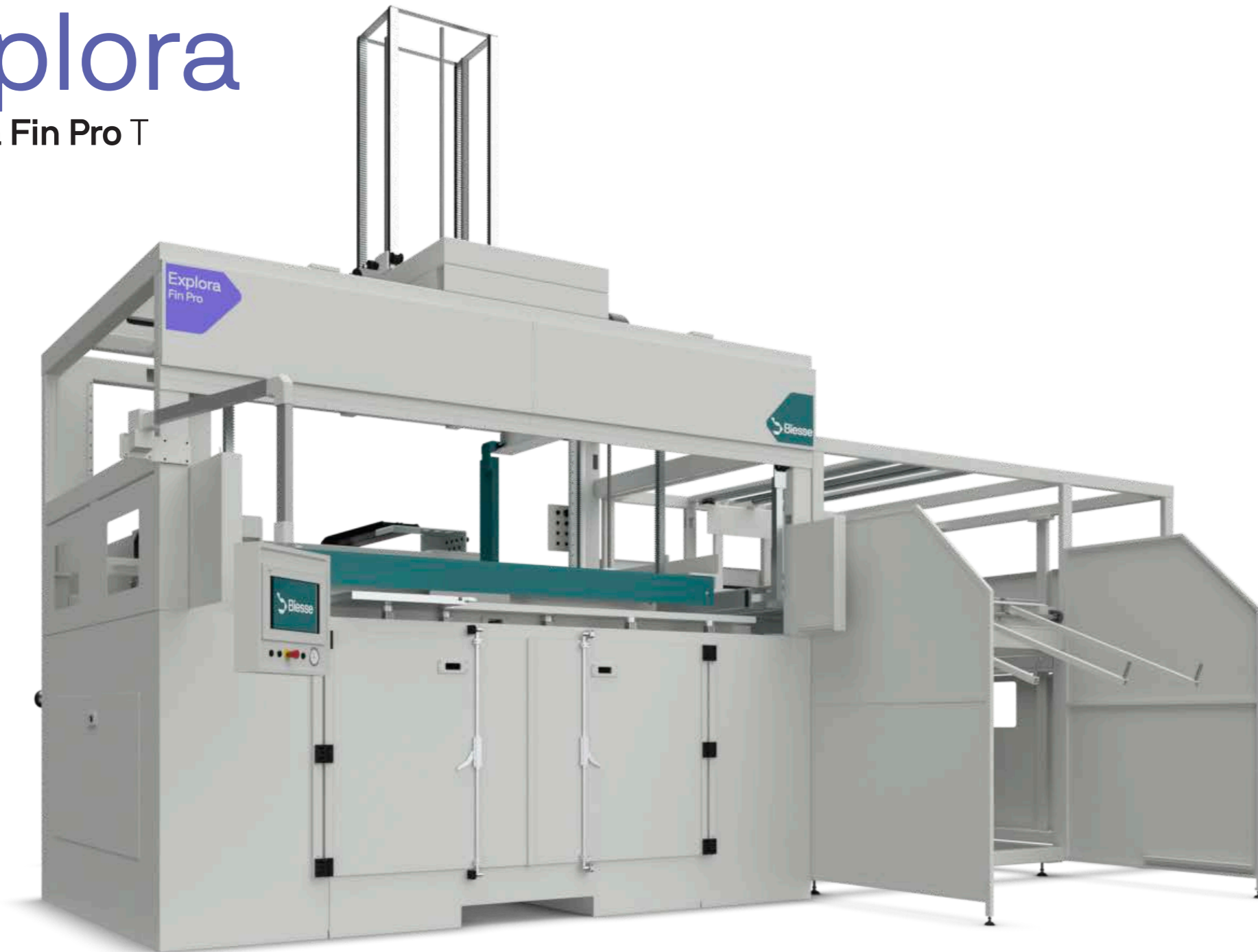
Explora

Explora Fin Pro T

Pro

Explora

Explora Fin Pro T



Transform your plain sheets into 3D elements

The Explora Fin Pro T is the thermoforming machine used to heat and shape plastic sheets into specific forms. It's ideal for shaping plastic materials using a mold and vacuum. Explora Fin Pro T can handle sheets of various colors, thicknesses, and finishes, making it versatile for different market needs. It is the right solution to create packaging, containers, trays, and many other products.

A size for several dimensions

Explora Fin Pro T is equipped with a "window adjustment system" that enables smooth change and adjustment of the X&Y dimensions, allowing a wide range of sheets sizes.

Load & Unload with ease

The sheets are automatically loaded with the aid of suction cups. The loading station is equipped with devices for aligning and centring each sheet to guarantee its precise positioning in the forming area.

Change format and production

The Explora Fin Pro T features an easy and quick format change system. This system allows for efficient management of different sheet sizes and types, ensuring precise positioning and optimal ergonomics for the operator. The mould is loaded on the pull-out table and clamped at the base. Furthermore, the automatic recognition of the mould speeds up machine tooling times.

Just one click for a complete machine set up

Explora Fin Pro T set up is done with a click. All parameters can be set and saved under a single recipe and store in the machine log. No matter how many productions you have. The recipes lists will contain all your production. So in case of a new batch; just a click to recall the product, and "voilà": all thermoforming parameters will be set.

Always safe

Whenever high temperatures are involved, dedicated safety measures have to be installed. And Explora Fin Pro T is completed of all safety features to prevent human mistakes both for protecting human life, machine status and products. Perimetral metallic grids, frontal access photocell, sheet deflection photocell, ball detection photocell, slabs presence photocell. Automatic shutdown switch, are ready to be activated for a safe machine and production.

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