



# Highly-Efficient Solutions for the Manufacture of PET-Preforms



Preforms

Your best choice

[Netstal.com](https://www.netstal.com)

# Achieve More with Less

Preforms for PET beverage bottles pose numerous challenges in production: Growing demand for PET preforms increases the requirements on your production lines with the shortest possible cycle times and greater availability as opposed to the more intensive load on the machines. Added to this is a higher demand for material and energy, which leads to rising operating costs. That's why we bring together our globally recognized experience, routine application expertise and state-of-the-art technologies into highly efficient and sustainable system solutions for the production of PET preforms.



## Actively maximize productivity

With PET systems from Netstal, you can produce more preforms than ever before. Your system works reliably in long-term continuous operation and at shortest cycle times. Our highly efficient production systems reduce your unit costs and increase your ability to compete in a competitive market environment.



## Seamlessly close circulation

PET is a valuable material that is very easy to recycle. We want to keep PET in the cycle. We have developed the new PETX screw to enable new preforms made from old bottles. Thanks to the new design, you can process 100% rPET and other challenging recyclates conveniently within a large process window.



## Produce more with less energy

Thanks to kinetic energy recuperation, our PET-Line impresses with the lowest energy consumption in competitive comparison. You save energy costs and simultaneously reduce your production's ecological footprint. Never again short shots: In the event of an unstable power supply, the optional Cycle Guard protects you from unplanned production downtime. Your efficiency is reliably secured.



## Safe and convenient to operate

The new Axos controller and the integrated Smart Operation operating concept allow your employees to control our machines quickly, safely and effectively. This reduces downtimes due to incorrect entries. With your new PET-Line Smart Operation comes as standard.

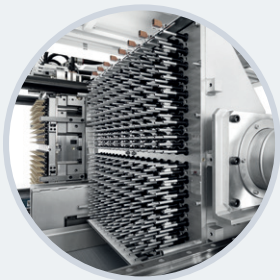


## Secure investment in the long term

Investments in new production lines are substantial. That's why we have always designed our PET-Line for reliable continuous operation at maximum capacity. We design our clamping units like this for several million cycles per year. Our machines work with consistently high precision and harmonious movements that are as gentle on the mold as possible. The value of your plant investment is maintained for many years.



With individually configurable PET system solutions from Netstal you get highest quality, lowest production costs and an optimised eco-balance.



Compatible with your side-entry equipment: Simply use existing molds and post-mold cooling stations with additional benefits.



The new Axos control unit with Smart Operation enables your staff to simple, safe and fast handle the production.



We have more than 40 years of experience in preform injection molding. Benefit from our expertise in application technology and service.



### Your benefits in a nutshell

- Low unit costs due to leading efficiency and maximum availability
- Lowest energy consumption in global market comparison
- Leading long-term productivity thanks to state-of-the-art technology and robust design
- Increased ease of use thanks to smart machine control
- New screw design for efficient processing of all common PET types, recyclates and additives
- Comprehensive options package for individual and situation-specific optimisations

## Maintain values, create value

We are your partner for complete system solutions for the efficient manufacture of PET preforms. We work with you to ensure that we can develop the best solution – in technological, economic and ecological terms – for your preform application. Benefit from our many years of expertise and experience.

- Fastest cycle times for maximum productivity
- Perfect precision for maximum quality and durability
- Highest availability for lowest unit costs
- Simple processing of all common PET types and recyclates
- Leading economic efficiency thanks to customised turnkey systems
- Minimised ecological footprint due to lowest energy consumption

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