

*POWERFUL SOLUTIONS FOR*

# *APPLICATIONS IN THE BEVERAGE INDUSTRY.*



**NETSTAL is your partner for high-performance production solutions for PET preforms and beverage closures:**

- Fastest cycle times
- Perfect precision
- Highest availability
- Lowest energy consumption
- Optimal sustainability
- Turnkey system solutions from a single source



# Solutions for PET preforms

## Application and system expertise at the highest level

PET system solutions from NETSTAL are geared towards the highest quality, lowest production costs and an optimal eco-balance.



Fully integrated post-mold cooling unit with internal and external preform cooling

### Technology and know-how for PET preforms

- Standard preforms for still and carbonated beverages
- Preforms for special applications
- Processing of 100% rPET and high proportions of flakes

### Powerful machine technology: fast, precise, reliable

#### Full compatibility without limits

The new PET-LINE with side-entry is the most modern and powerful preform system in the world. The system offers full compatibility with existing side-entry molds and post-mold cooling stations.

### High performance with side removal

With the fastest lock-to-lock time of 1.9 seconds, you maximize output and secure decisive competitive advantages.

### Best energy efficiency

By recuperating kinetic energy in the electric clamping unit and the post-mold cooling station, the new PET-LINE ensures you the lowest energy consumption on the market. This reduces your unit costs and optimizes your company's eco-balance.

### Intuitive & safe operation

The latest aXos generation is particularly intuitive to operate. Included as standard is our 4-button control technology SMART OPERATION to ensure simple, safe and fast start-up and production.

### 100% rPET

The new design of the PETX screw enables optimal processing of up to 100% rPET in a large process window.

### Safety in harsh industrial environments

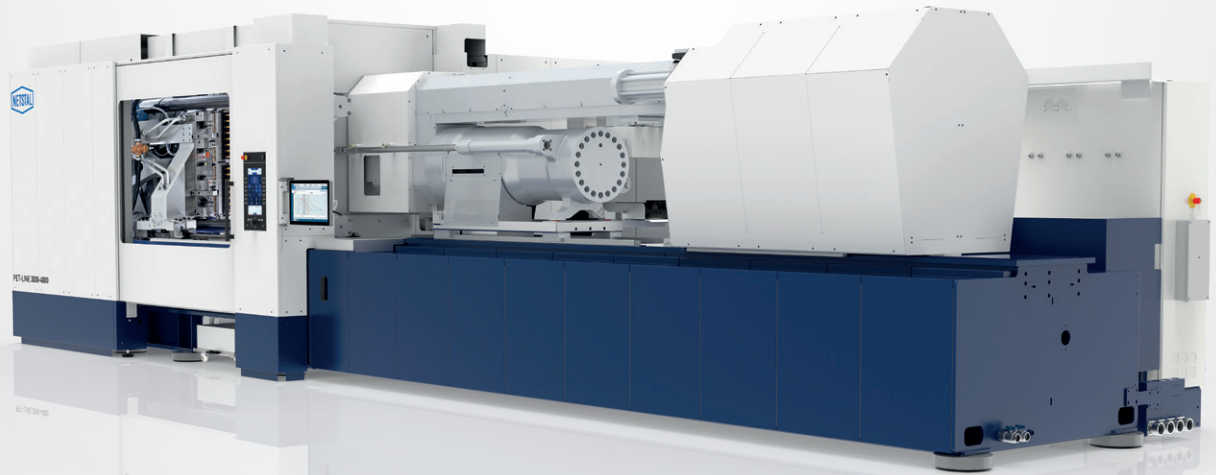
The optionally available CYCLE GUARD monitors the power supply and provides sufficient energy to bridge mains fluctuations or to end the current cycle in a controlled manner. Short shots are reliably avoided. The safety function does not require batteries or rechargeable batteries.



The electric clamping unit works precisely and is gentle to the mold



The new aXos control system is equipped with SMART OPERATION as standard



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**Your advantages**

- Maximum output
  - Highest availability
  - Best energy efficiency
  - Optimal product quality
  - Lowest unit costs
  - Processing of 100% rPET and high proportions of flakes
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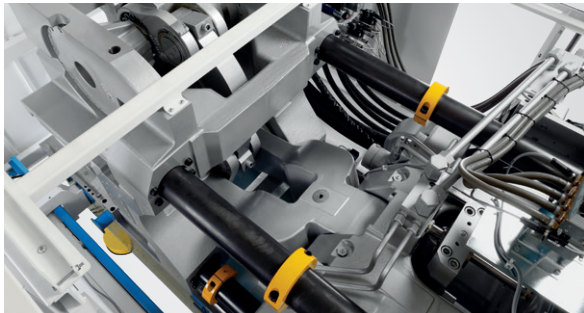
# Solutions for beverage closures

## Application and system expertise at the highest level

With NETSTAL, you produce perfect beverage closures at lowest unit costs. Fastest cycle times, dynamic injection, and maximum process stability are the key to success.



Smart system solutions for all types of beverage closures



Highly efficient, electric clamping unit



From the project idea to process and production support: We are at your side in all project phases

### Technology and know-how for beverage closures

- Closures for water and carbonated softdrinks (CSD)
- Closures for beer, milk and sports drinks
- Closures for beverage cartons
- Closures for special applications
- Tethered caps (EU directive from July 3, 2024)

### Powerful machine technology: fast, precise, reliable

#### Consistent focus on closure applications

The ELION series offers maximum performance with optimum energy efficiency. With its modular design and a wide range of additional equipment options, the ELION can be optimally adapted to the needs of your closure application.

### High efficiency clamping unit

The unique, spindle-free 5-point toggle lever supports the recovery of braking energy. Recuperation can save up to 50 percent energy. Low power consumption not only reduces unit costs, but also pays off in terms of climate protection, depending on the electricity mix in your region. The ELION meets energy efficiency class 9 according to the Euromap standard.

### Intuitive & safe operation in the production environment

SMART OPERATION is the innovative operating concept for all NETSTAL machines with aXos control technology. The option supports you in achieving your effectiveness goals. Guided, fast and safe operation reduces downtimes and prevents operating errors.

### Perfect system solutions from a single source

With NETSTAL, you get tailor-made system solutions for fast-running closure applications. The most efficient production systems are provided through the targeted use of our broad, application-specific knowledge. To achieve this, we draw on our network of leading system partners. With NETSTAL, you get the most economical solution for your closure application.



ELION 3200-2000

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#### Your advantages

- Maximum output
  - Best energy efficiency
  - Optimal product quality
  - Minimal use of materials
  - Highest injection speed
  - Perfectly matched system solution from a single source
  - Lowest unit costs
-

# Worldwide Competence to your Benefit Service & Solution



When selecting a NETSTAL machine, you are choosing a product featuring top productivity and reliability. With solution-oriented services and service products, NETSTAL Service & Solutions lastingly secures your production efficiency as well as your investment – across the entire service life.

## 1. Start up

- Assembly
- Commissioning
- Training
- Teleservice

## 3. Optimization

- Application consulting
- Retrofitting
- Energy consultation
- Process consultation

## 2. Use

- Spare parts packages
- Troubleshooting
- Hotline
- Preventive maintenance

## 4. End phase

- General overhaul
- Modernization
- Machine relocation
- Used machines



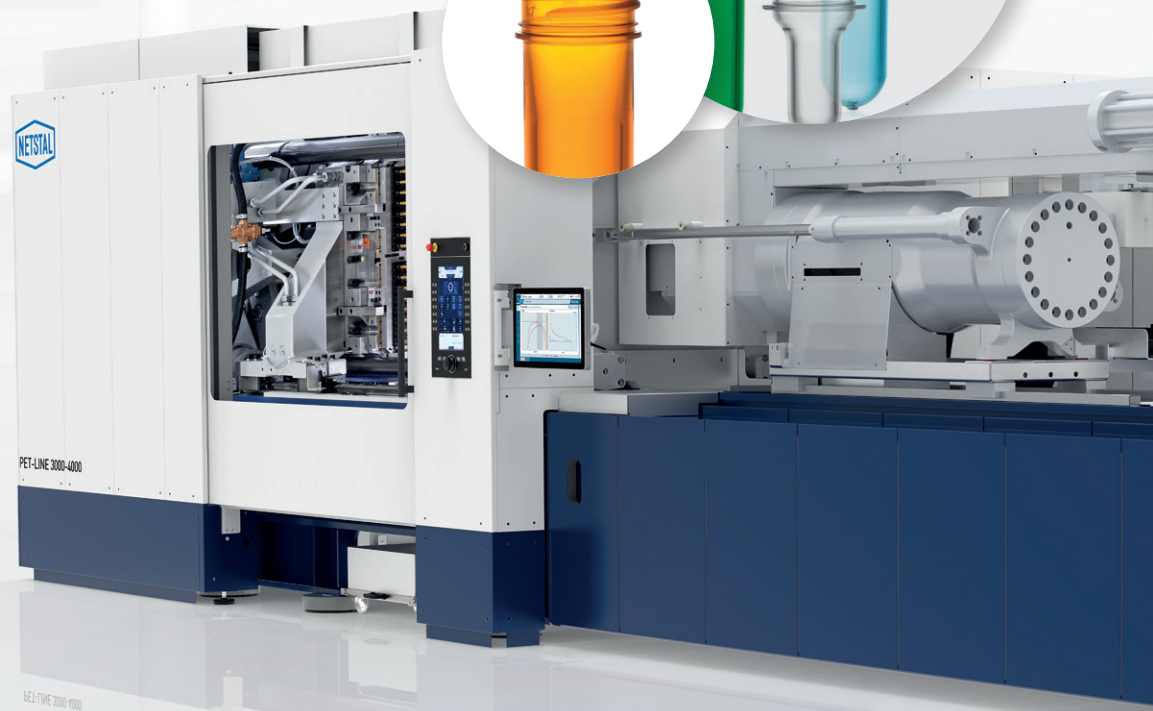
## Worldwide presence

Our subsidiaries and agencies across the globe ensure a top-rate service. This means that we are able to address your individual needs as quickly as possible and provide you with comprehensive and customer-oriented service.

## e-Service

NETSTAL's free e-Service provides you with versatile electronic service functions around the clock no matter where you are. Access to machine-specific documents, rapid 3D spare part identification with direct ordering, an integrated ticket system and many other features provide you with an additional way of safeguarding your production efficiency at the highest level.

You can find more information on NETSTAL at [www.netstal.com](http://www.netstal.com)



PET-LINE 3000-4000

# ***POWERFUL SOLUTIONS FOR APPLICATIONS IN THE BEVERAGE INDUSTRY.***

NETSTAL is your partner for high-performance solutions for preform and closure applications. Together with you, we ensure that we develop the best solution for your application technologically, economically and ecologically. Benefit from our expertise and experience in injection molding of preforms and beverage closures.

## ***The highlights of our solutions for the beverage industry at a glance:***

- Technology precisely aligned to your application*
- Highest parts and manufacturing quality*
- Maximum productivity*
- Capable for circular economy*
- Best overall equipment effectiveness (OEE)*
- Complete system solutions from a single source*
- Comprehensive support throughout the entire life cycle*

**[www.netstal.com](http://www.netstal.com)**