

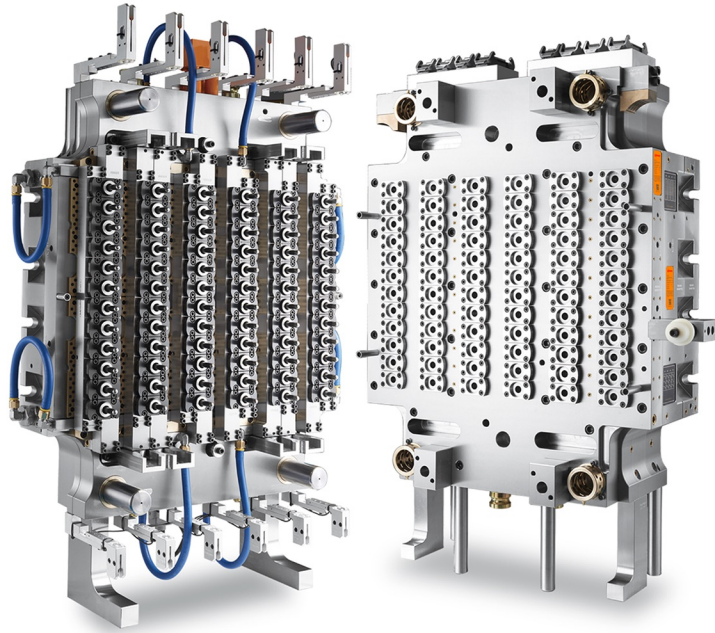


High Stability and Efficiency, Forging Preform Excellence

ZenQ Gene-3 Preform Mold

KRONCE
科朗斯

ZenQ Gene3 Mold: The Solid Core of an Excellent Production Line



As a vital component of the **ZenQ Gene3** high-speed preform production line, our mold is the **solid foundation** for achieving **efficient, stable, and cost-effective operations**. It embodies our ultimate pursuit of **precision engineering**, crafted specifically to meet the **stringent demands** of today's PET packaging market for **high quality, light weight, and sustainability**.

We understand that a superior mold is far more than just a collection of steel and components. Therefore, what we offer is a **"value solution"** that spans the entire product lifecycle. Our design philosophy centers on **three core objectives**:

- Maximizing Uptime
- Ensuring Consistent, Superior Preform Quality
- Achieving the Lowest Total Cost of Ownership (TCO)

Core Advantages: Engineered for Your Success

Extra-Long Service Life & Minimal Maintenance



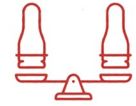
Utilizing top-grade, wear-resistant imported steel and special surface hardening technology, our core components are **guaranteed for millions of cycles** without unscheduled maintenance, **significantly reducing downtime risk**.

Outstanding Production Efficiency



the **optimized cooling channel design**, strategically positioned close to the preform profile, enables the **most efficient heat exchange**, thereby **minimizing cycle times** to the absolute limit and **maximizing your productivity**.

Consistent Preform Quality



High-precision mold machining combined with a **balanced hot runner system** ensures that every cavity consistently produces preforms with **extremely low AA levels**, perfect dimensional stability, **weight uniformity**, and **exceptionally low, evenly distributed internal stress**, providing the **optimal foundation** for the subsequent blowing process.

High Flexibility & Compatibility

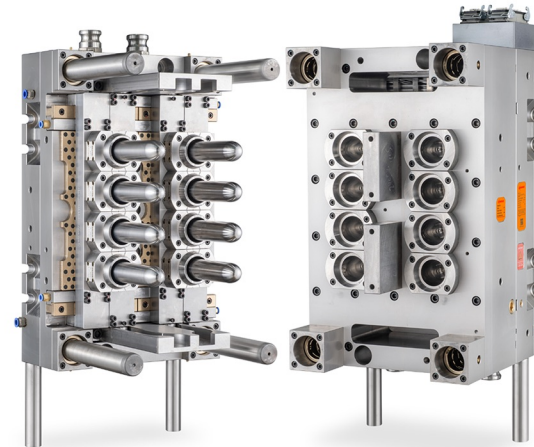


Our molds are **fully compatible** with major global PET injection molding systems and offer **fast conversion solutions** for preform weight or neck finish, **empowering you to flexibly respond** to changing market demands.

Lower Total Cost of Ownership (TCO)



By perfectly integrating **long life, energy efficiency, high productivity, and low maintenance**, the **ZenQ Gene3 mold** is designed to create **maximum value** and deliver the **lowest TCO** throughout its entire lifecycle.



Key Technology Highlights



Core Components (Cavity/Core/NeckRing)

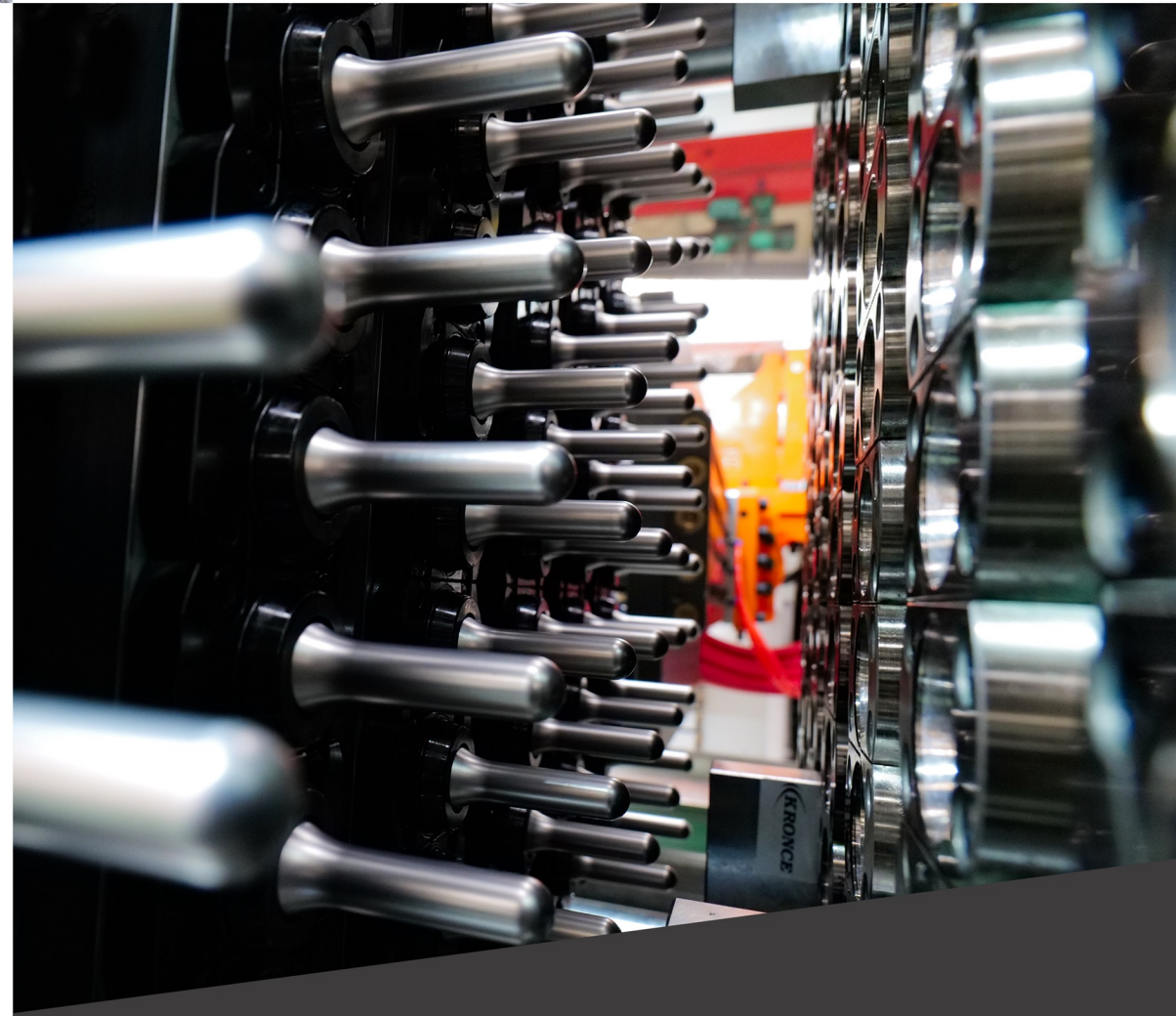
- Premium steel conforming to top industry standards
- DLC coating for neck rings for extreme wear resistance
- Optimized proprietary Lpson heat treatment process, performed in-house

Hot Runner System

- Naturally balanced runner design
- Independent valve gate and temperature control
- Optimized thermal insulation for high energy efficiency

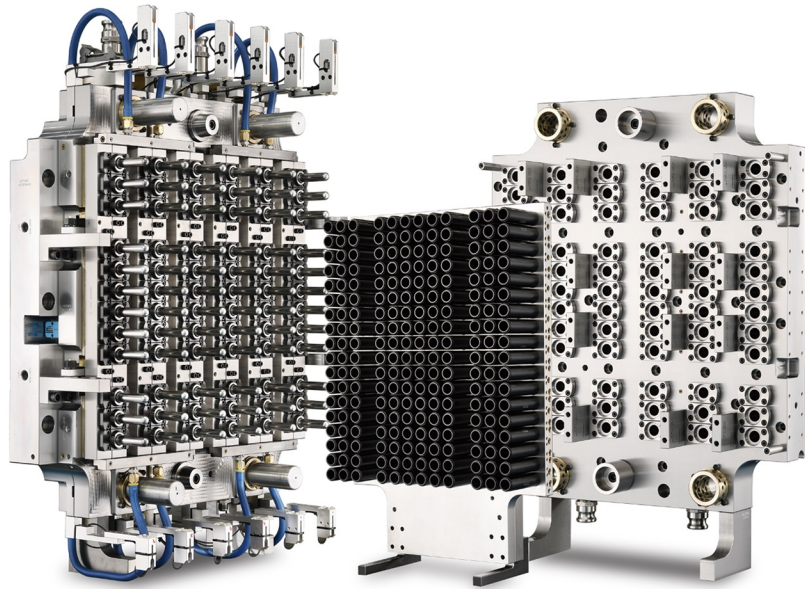
Cold Half System

- High-efficiency enhanced cooling circuit
- Cores cavities, and neck rings made of premium M333 stainless steel
- All mold plates made of 4Cr13 stainless steel
- Dual-taper design for precise alignment



Specifications & Comprehensive Services

Comprehensive Service & Support



- **Cavitation:** From 2 to 96 cavities.
- **Application:** Water, CSD, hot-fill, edible oil, personal care, etc.
- **Neck Finish:** PCO1810, PCO1881, 30/25, and other major standards.
- **Machine Compatibility:** Fully compatible with major industry PET injection platforms.

■ Spare Parts:

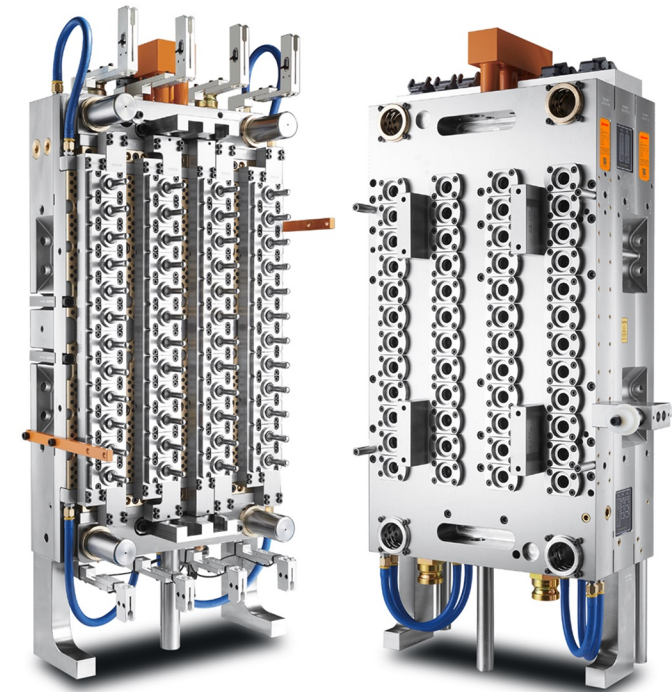
Complete original spare parts packages are available to ensure rapid response and minimize customer downtime. The quantity of spare cores, cavities, and neck rings is configured based on a standard of one set per 8 cavities.

■ Technical Support:

Professional remote or on-site technical support for mold installation, start-up, and operational maintenance.

■ Refurbishment & Conversion:

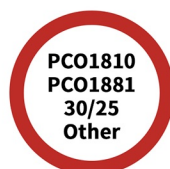
We offer professional, original-quality mold refurbishment and preform light weighting / conversion services to renew your asset Value.



Cavitation



Applications



Neck Finish



Machine Compatibility



Kronce Enterprise Development Co., Ltd.

Address: T2-2208, Zhonggeng Global Creative Center, Lane166,
Minhang Road, Minhang District, Shanghai, 201102, China
Tel. +86-21-24202001/24202002
smargon@smargon.sina.net
chinakronce.com