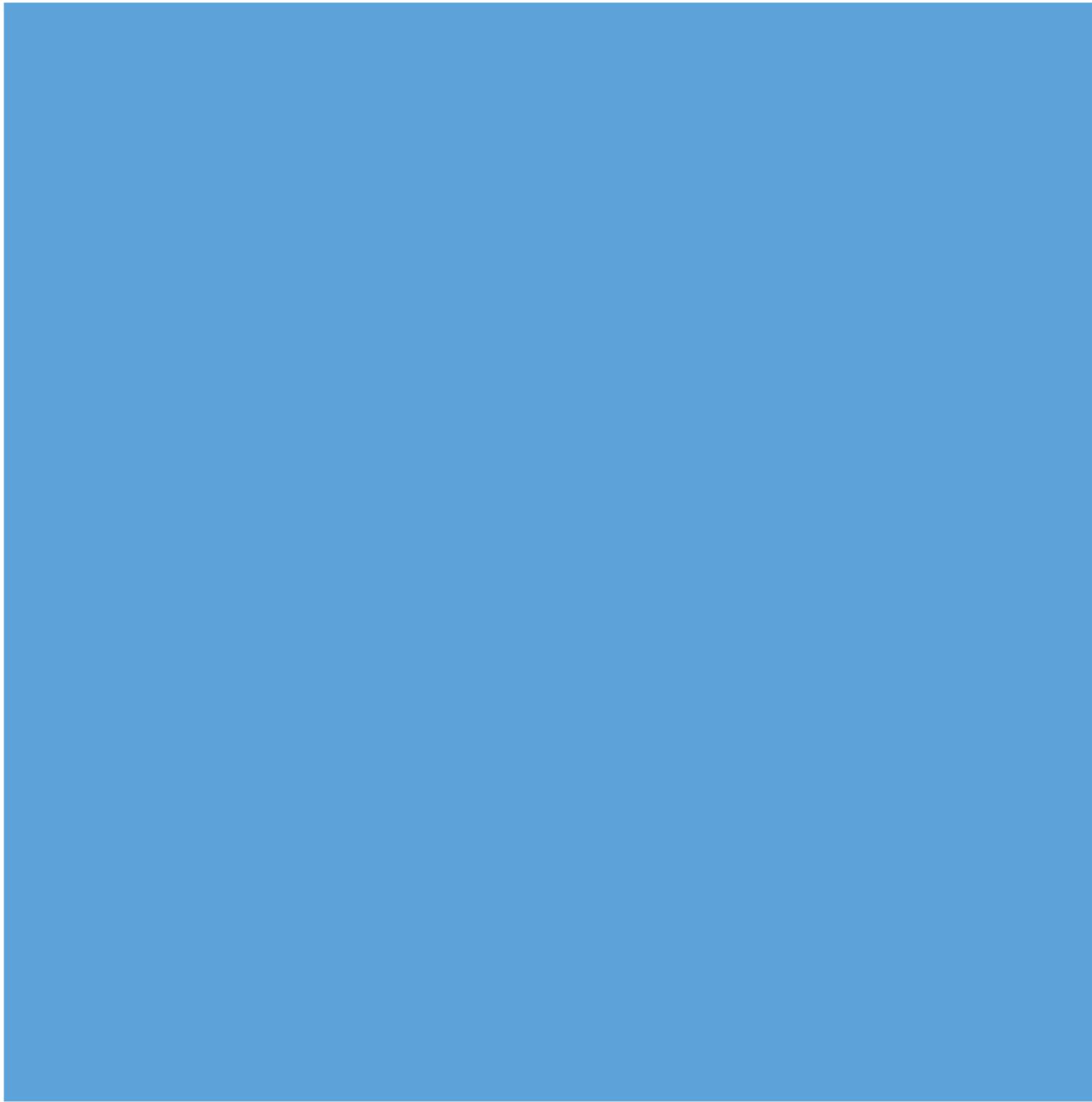


# XTRA

The new blow moulding machine  
for the production of PET containers.





# Here is *XTRA*



***XTRA** is the new rotary **blow moulder** for **PET** containers designed by SIPA, which combines technology evolution with productivity revolution. This platform is designed to achieve top performance levels with the highest energy saving at the best possible speed in the market. **XTRA** is actually the first blow moulding machine in its range to work with the **highest bhc** in the industry, with the widest **process angle** and the **best TCO** overall, combined with a user experience which is as basic as it is innovative. An unprecedented achievement.*

# XTRA plus

Best output



**2550<sub>bhc</sub>**

Faster than ever with the highest bottles per hour per cavity in the market.

Best process angle



**200°**

With a wider active process angle, the plastic bottle is moulded without stresses in record time.

Energy saver



**-25%**

Less energy used to produce PET containers.

**XTRA IS THE FIRST MACHINE BUILT WITH JUST PLUS.**

*There are six focus points that make this blow moulder the best choice on the market thanks to the final Total Cost of Ownership. Each plus has its value: Xtra can quantify the competitive advantage for the customer on the market, with absolute quality.*

Easy use



**100%**

User-friendly, accessible and intuitive for operators at any level, easy use and maintenance.

Flexibility



**0.2-3.5L**

The same machine produces top-of-the-range containers in various sizes and for a variety of applications.

Open system



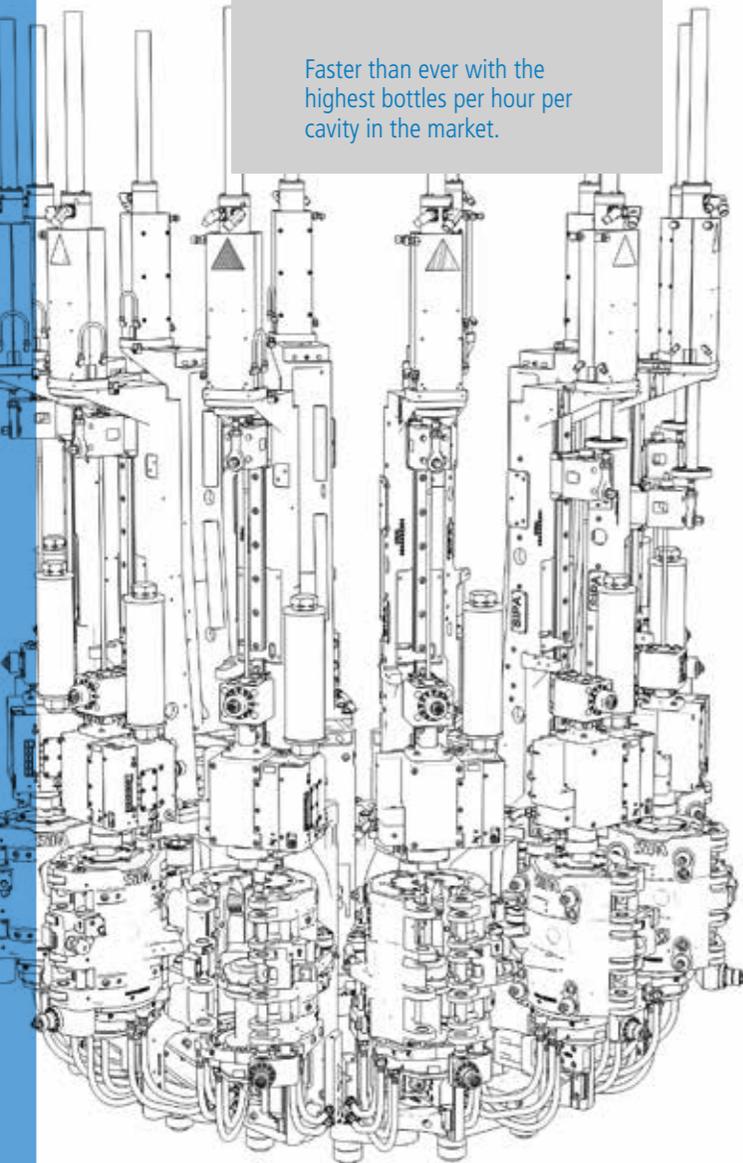
**3x**

XTRA can be easily integrated with other types of machinery to complement production range.



# 2550<sub>bhc</sub>

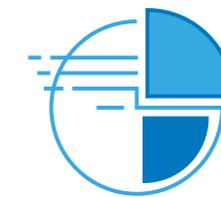
Faster than ever with the highest bottles per hour per cavity in the market.



## Best output

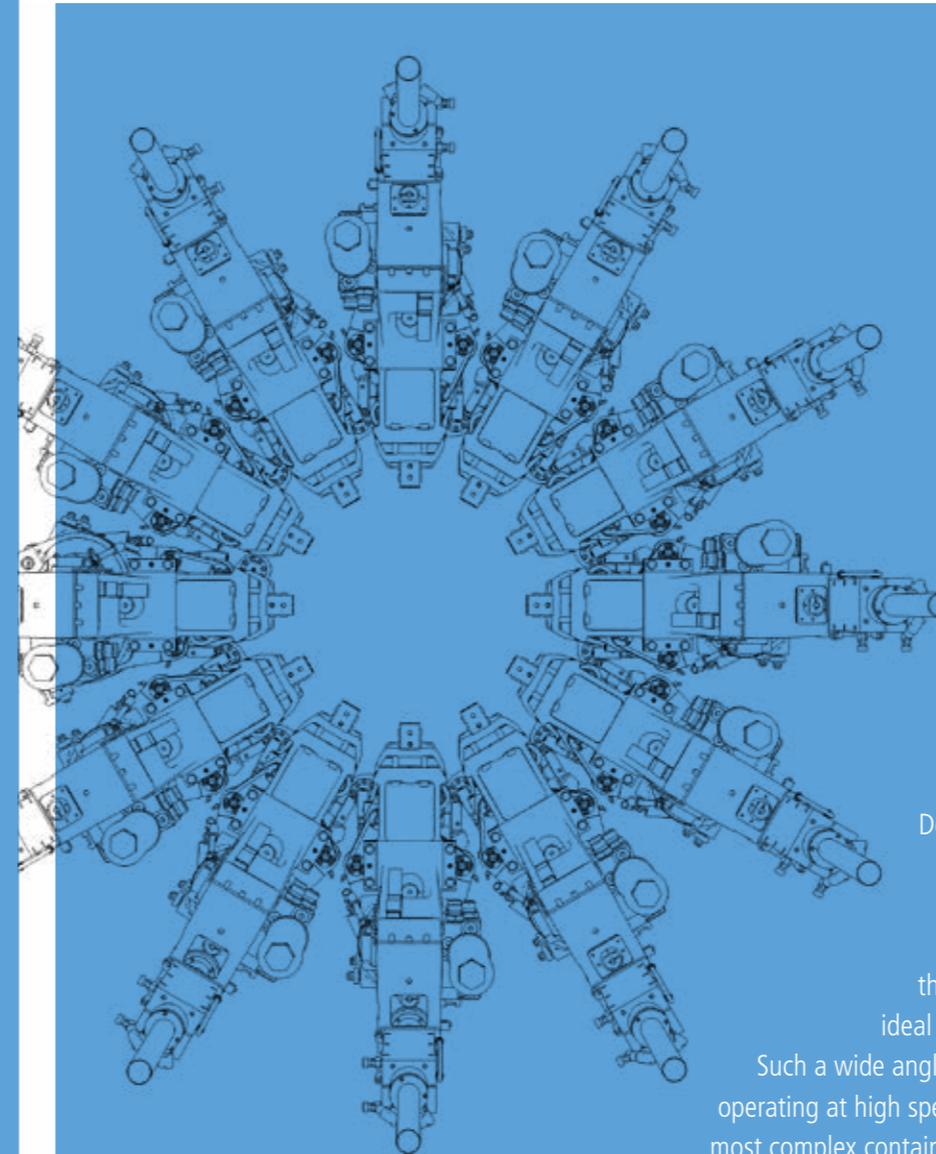
Thanks to its 2550 bhc output, **XTRA** is the fastest **blow moulder** in its kind.

Working with a machine which ensures the highest number of bottles per hour per cavity means reducing the number of blowing moulds, accelerating size changeover times and cutting conversion costs. Solid kinematics and mechanical movements: **XTRA** provides the **ideal combination of speed and quality**.



# 200°

With a wider active process angle, the plastic bottle is moulded without stresses in record time.



## Best process angle

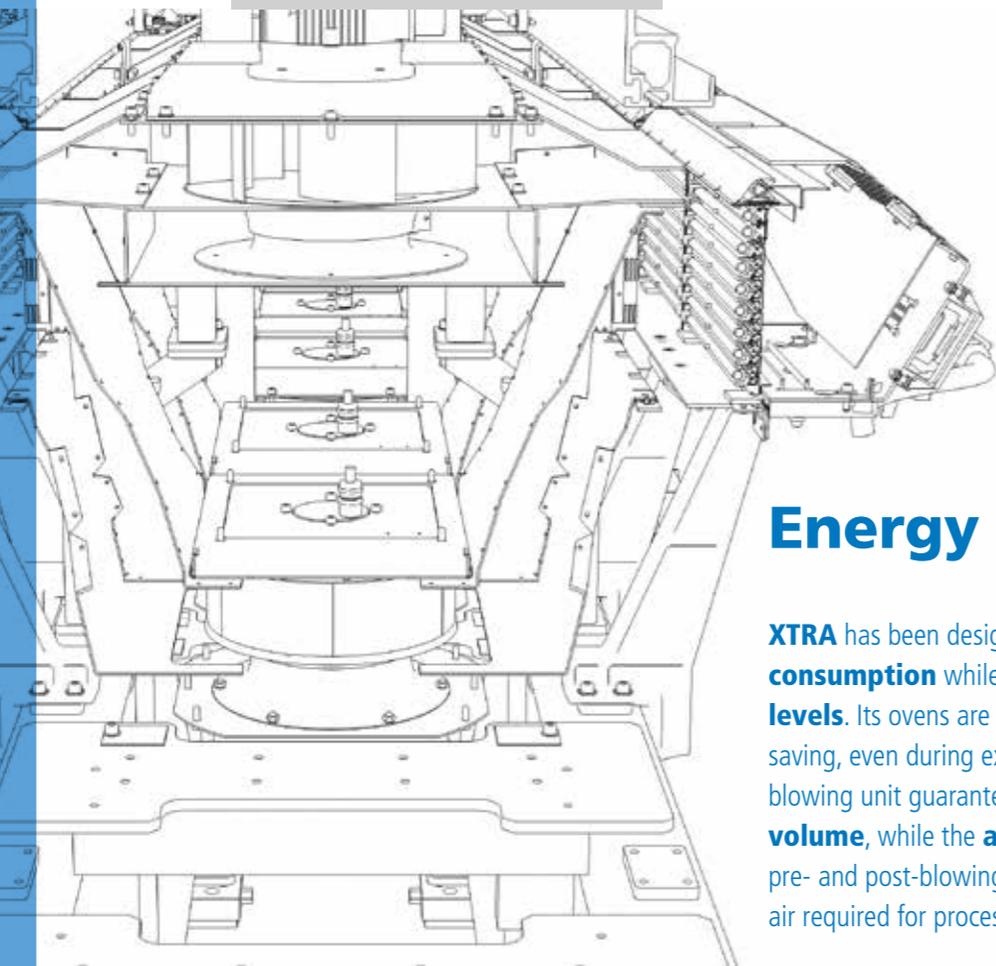
Designed to reach the highest performance levels in every respect, **XTRA** has a **considerably wider process angle** compared to market standards (+15%); this means that bottles are produced under ideal conditions even at very high speed levels.

Such a wide angle actually leaves more process time while operating at high speed, so that it is easier to handle even the most complex container shapes. **XTRA** makes available for the client a high-pressure air interval as long as **0.8 sec.** (200° active process angle), with a max output of 2550 bhc, without in any way hindering product quality which is always outstanding.



**-25%**

Less energy used to produce PET containers.



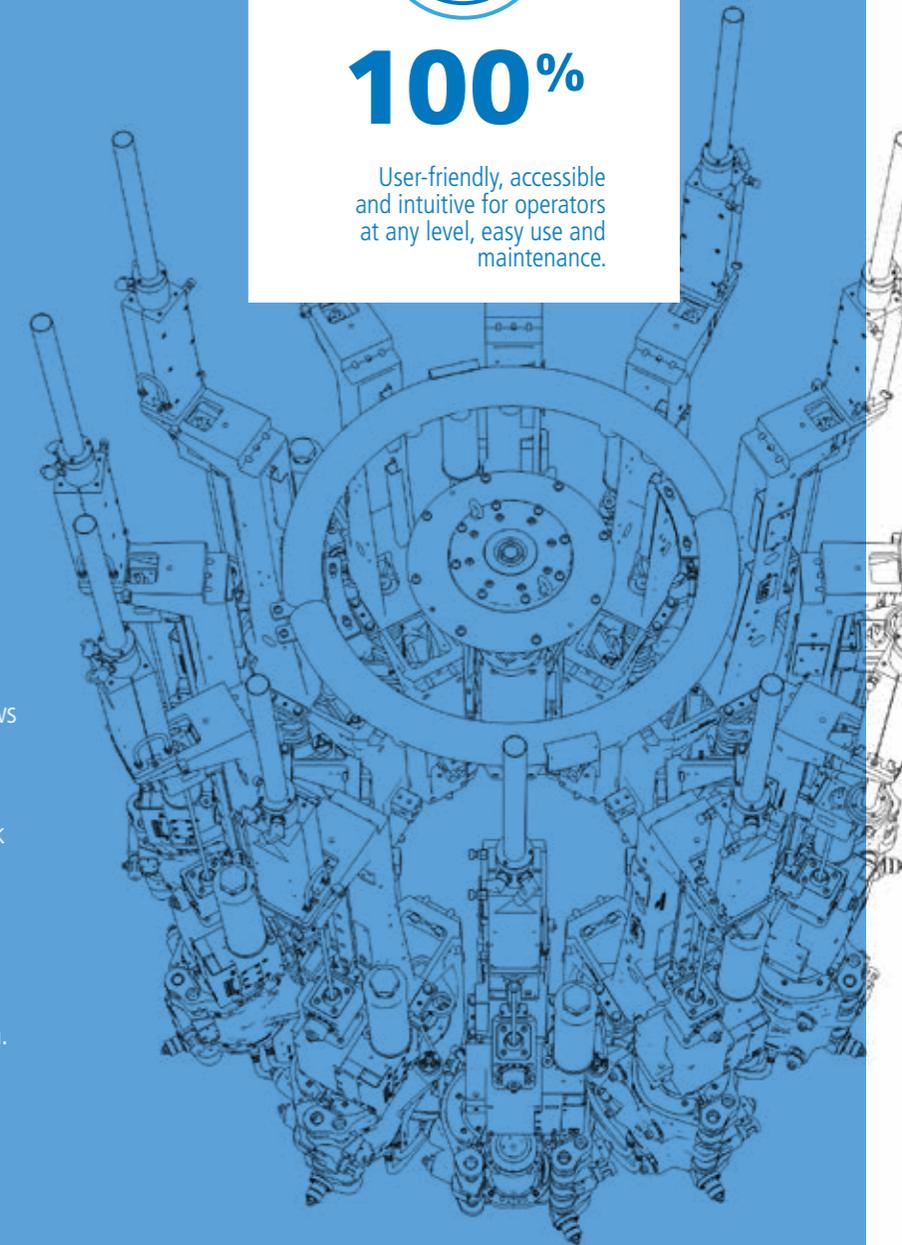
## Energy saver

**XTRA** has been designed to **optimize** energy **consumption** while maintaining **top performance levels**. Its ovens are designed for outstanding energy saving, even during extremely complex processes. The new blowing unit guarantees **the least possible dead volume**, while the **air recovery system** during the pre- and post-blowing phase results in optimal use of the air required for processing.



**100%**

User-friendly, accessible and intuitive for operators at any level, easy use and maintenance.



## Easy use

**"Accessibility"** is the keyword for the new **XTRA** blow moulder. This machine implements a truly intuitive **HMI** which allows for fast and safe adjustment of all operating parameters. The operator is guided through all assisted and scheduled maintenance work phases in the most user-friendly way. Full machine has been designed to guarantee a simple and quick format change-over, both for neck and mold, with no need for tools. Connectivity and simplicity in a single system.



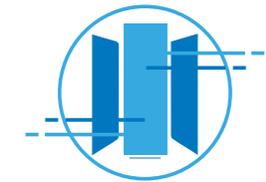
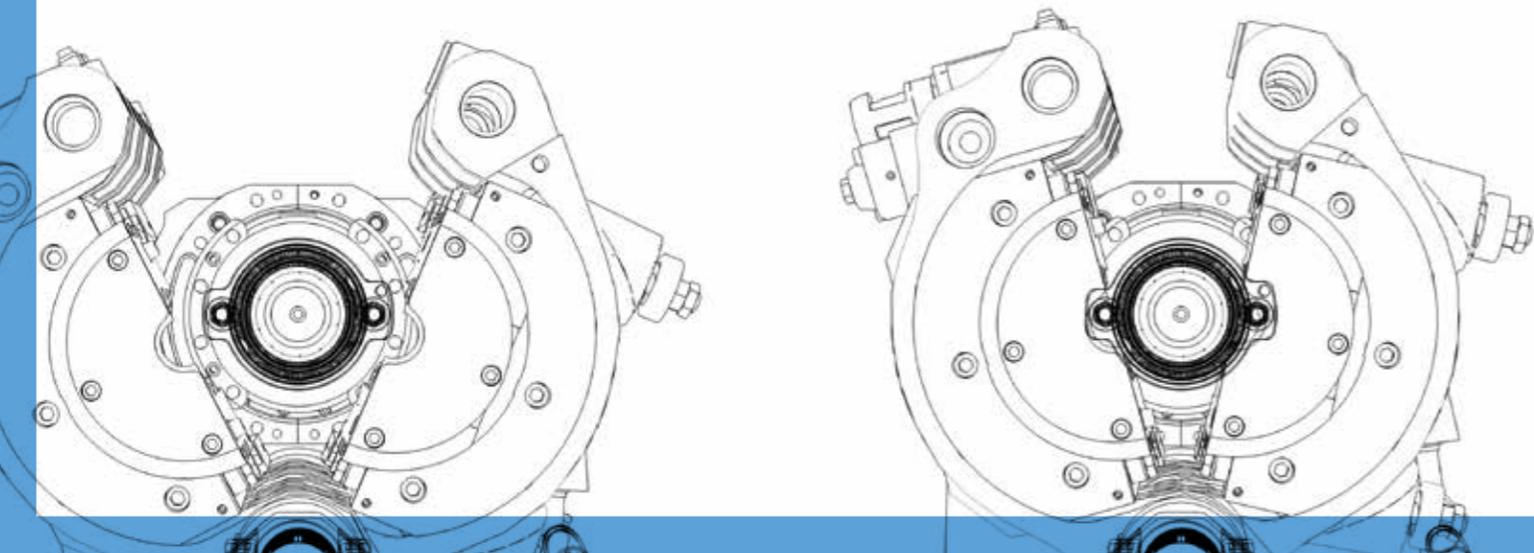
# 0.2-3.5L

The same machine produces top-of-the-range containers in various sizes and for a variety of applications.

## Flexibility

One of the most distinctive elements in the new **XTRA** is its **high flexibility** during the production phase. This blow moulder is able to manage, along the same line, both hot filling and cold filling without having to modify the system.

The oven configuration is easily adjustable to various neck sizes (**12/38 mm**) and to mould bottles **from 0.2 up to 3.5L** in a simple way. Actually, the blowing press has two possible opening strokes: the small one allows **XTRA** to process bottles < 1.5L at the highest production rate (2550 bhc); the large one, instead, is for moulding bottles up to 3.5L with a 2400 bhc output. Such mechanical flexibility of the blowing press allows for the highest performance levels depending on the kind of bottle required.



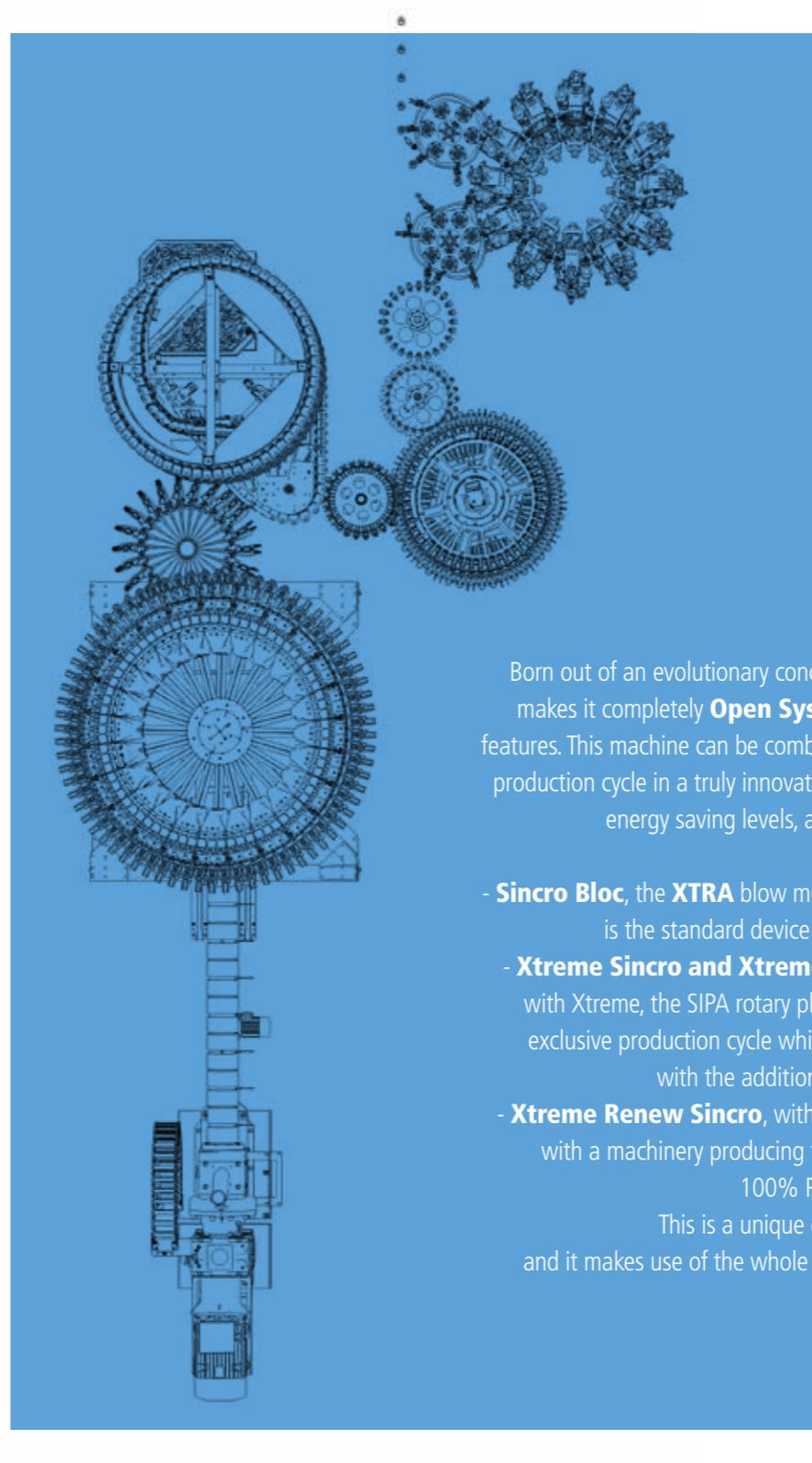
# 3x

XTRA can be easily integrated with other types of machinery to complement production range.

## Open system

Born out of an evolutionary concept, has a technological architecture which makes it completely **Open System** and unique on the market in terms of features. This machine can be combined with other systems or be included in a production cycle in a truly innovative way, improving overall performance and energy saving levels, as well as line efficiency in a variety of ways:

- **Sincro Bloc**, the **XTRA** blow moulder can be associated with a filler, which is the standard device configuration for PET container production;
  - **Xtreme Sincro and Xtreme Sincro Bloc**, can be perfectly integrated with Xtreme, the SIPA rotary platform for preform production, to create an exclusive production cycle which combines injection and blowing (Sincro), with the addition of filling (Sincro Bloc) along the same line;
  - **Xtreme Renew Sincro**, with this configuration **XTRA** can be combined with a machinery producing food contact compliant preforms with up to 100% PET directly from post-consumer rPET flakes.
- This is a unique configuration for PET containers worldwide, and it makes use of the whole Open System potentials in SIPA technology.





## *A packaging oriented machine*

**Care for packaging** is a prerequisite for **XTRA**.

*The experience of SIPA in the PET sector has led specialists to increasing optimisation of mechanical movements and preform or bottle transport within the machine to ensure smooth and safe handling.*

*The use of cutting-edge **grippers** and **power stretching** makes it possible to delicately handle preform necks and optimise resin use. Also, the best process angle provided by **XTRA** allows for easier processing even of complex containers with top performances.*



## *Xtraordinary* TCO performance

***XTRA** is a concentrate of technology, but most important of benefits: the highest bhc output in the industry, the widest process angle among its competitors, energy saving across the board, extreme user-friendliness, plus a totally open system. This perfect combination of performance, speed, quality levels and saving leads to a reduction in **Total Cost of Ownership** by 25%. **XTRA** is the development of PET blow moulders in every respect.*



**SIPA**

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