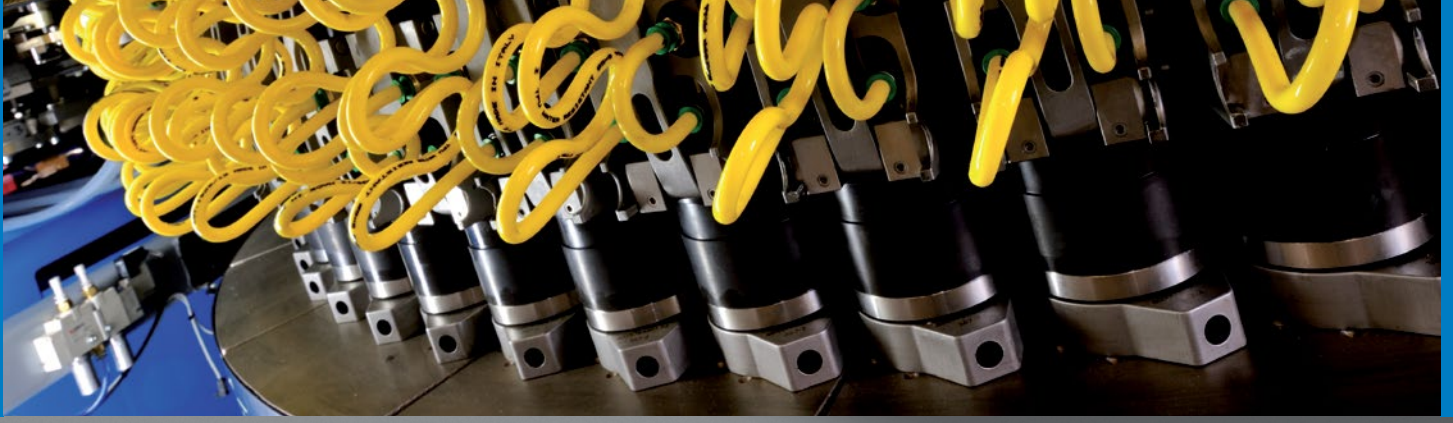


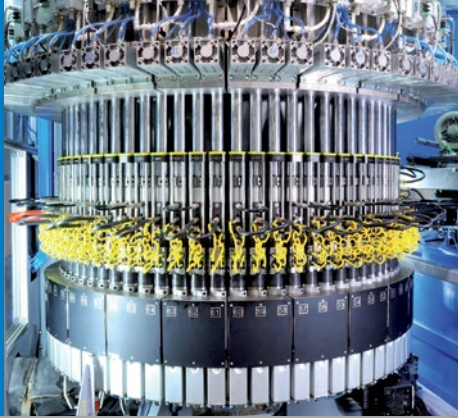


XTREME

Preform System

Feel free to imagine. We make it happen.

SIPA



Imagine the new era of lightweighting...

Our **XTREME** machine makes it happen:

- **Weight reductions without the usual effects on bottle quality**
- **Expanded possibilities for design, flexibility, speed and efficiency**
- **The boundaries of PET packaging totally redefined**

The **XTREME's** breakthrough injection-compression technology allows for much more gentle material treatment. This reduces the rate of acetaldehyde generation and the loss of bottle performance to incredible levels. Bottles will never be the same!

XTREME profitability

- Lowest preform cost in the industry
- Up to 10% preform weight reduction compared to traditional injection systems
- Minimized running costs thanks to lower energy consumption, lower transportation costs and less waste production

XTREME performance and flexibility

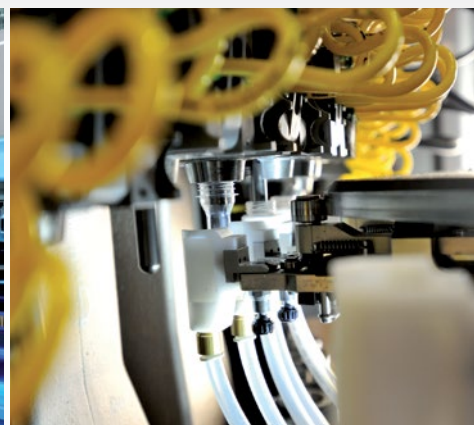
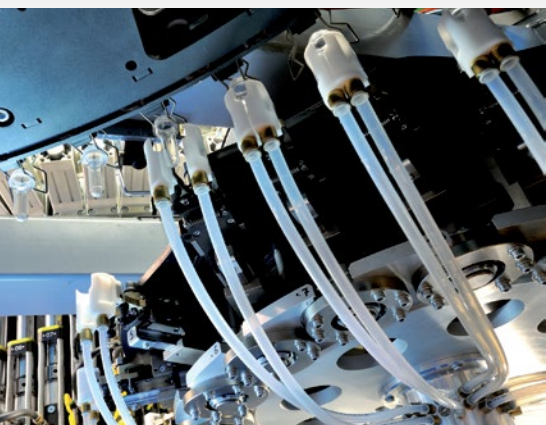
- Strong competence in preform extreme lightweighting and complex applications
- Reduced material stress and AA due to lower injection pressure
- Innovative preform design with almost no limitations in thickness
- Consistent preform weight
- Simultaneous production of two different preforms which can be sorted into different bins
- 100% in-line camera controlled preform quality check
- Preform weight mechanically adjustable on the machine without stack change

XTREME output and efficiency

- Increased output: Cycle time reduced to 5s
- Fast changeover time: less than 1 minute per mold
- Significantly reduced footprint
- Easy to use: Cam-driven synchronism prevents operator error
- Totally oil-free
- Reduced carbon footprint

It's more than a machine. It's a partnership for your success.

Choosing our solution gives you access to a wealth of PET design, production and engineering knowledge all in one place. You can consult our experts for advice and solutions at any stage of the PET production process to keep costs down and productivity high.



XTREME

PRESSURE:
OVER **5** TIME LOWER
THAN TRADITIONAL
INJECTION

IV DROP:
OVER **70%** REDUCTION
VS. TRADITIONAL
INJECTION

AA LEVELS:
UP TO **40%** REDUCTION
VS. TRADITIONAL
INJECTION

XTREME RENEW

EREMA and SIPA have developed a new economically sustainable solution, where high-quality PET recycling can easily be integrated into the preform producing process, being cost-effective and energy-saving, while simultaneously ensuring the ideal qualities of the recyclate for the desired end product. The cooperation between these two big players, made it possible to develop a direct manufacturing solution that enables flexible processing of washed PET flakes to produce preforms, signalling the dawn of a new era in PET recycling.



XTREME RENEW

POSSIBILITY
TO PRODUCE PREFORMS
CONTAINING UP TO
100% R-PET FLAKES

XTREME
OPEN TECHNOLOGY

XTREME SINCRO

POSSIBILITY
TO COMBINE PREFORM
PRODUCTION
TO BOTTLE BLOWING



XTREME

Preform System

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