Krauss Maffei

Pioneering Plastics

PACKED WITH RESOURCE EFFICIENCY.

KraussMaffei Packaging Solutions for ultrathin walls.

Our thin-wall packaging machines such as the NETSTAL ELIOS offer you maximum sustainability thanks to:

- Compatibility with recycled plastics
- Resource-saving processes with thinner walls and fewer rejects
- Reduced CO_2 equivalent thanks to the best energy efficiency in the market

And outstanding performance with:

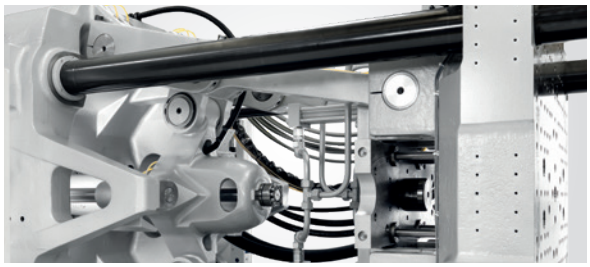
- Shortest cycle times for highest output
- Perfect precision for optimal efficiency
- Proven NETSTAL long-term stability

SOLUTIONS FOR THIN-WALLED PACKAGING **APPLICATION AND SYSTEM COMPETENCY AT THE HIGHEST LEVEL**

The thin-walled packaging sector is characterized by mass production and high cost sensitivity. Our NETSTAL application experts are very well versed in the specific requirements and can provide you with the best possible support. The solutions we develop for you are geared toward the highest quality, to achieve the shortest cycle times and at the lowest material cost. So it's no wonder that we are your first port of call for advanced system solutions in the packaging sector.

Smart system solutions for demanding thin-walled and IML applications

Material savings of up to 25% through the use of ICM technology (injection compression molding)



The clamping units of NETSTAL machines are designed for several million cycles a year as well as many years of reliable, continuous operation

Technology and know-how for thin-walled packaging

- Thin-walled containers, drinking cups and lids with and without IML decoration (in-mold labeling)
- Co-injection barrier applications for the efficient protection of the packaged foodstuffs
- Innovative ICM technology (injection compression molding) for increasingly thinner wall thicknesses and the processing of recyclable PET.
- Processing of conventional materials, recyclates and bio-plastics

High-performance NETSTAL machine technology: Fast, precise, reliable

High injection performance

Increasingly thinner wall thicknesses with large flow path/wall thickness ratios (> 350:1) require high injection performances. With state-of-the-art digital control technology and unique 2-valve technology, NETSTAL machines guarantee a dynamic injection performance of up to 2,200 mm/s.

Top energy efficiency

Lower power consumption does not merely reduce unit costs, but also provides climate protection benefits depending on the electricity mix in your region. The NETSTAL ELIOS and NETSTAL ELION meet the requirements of energy efficiency classes 8 and 9 in accordance with the Euromap norm.

Intuitive and safe operation in the production environment

Smart Operation is the innovative operating concept for all NETSTAL machines with aXos control technology. This option helps you achieve your effectiveness targets. Guided, fast and safe operation reduces downtime periods and operating errors.

Durable technology and operation that is gentle on the mold

High-performance NETSTAL machines have always been designed for continuous and reliable operation for many years at maximum capacity. With its high level of precision and harmonious movements, the system's gentle way of working with the mold will contribute significantly to protecting your investment.

YOUR BENEFITS:

- The fastest cycle times
- The highest precision
- Reliable technology
- High value retention
- Top energy efficiency
- Optimal product quality and the lowest unit costs

SOLUTIONS FOR THE PACKAGING INDUSTRY ***PACKED WITH HIGH-PERFORMANCE***

With its NETSTAL range, KraussMaffei is your partner for complete system solutions within the demanding thin-walled injection molded packaging sector. We work with you to ensure that we can develop the best solution – in technological, economic and ecological terms – for your packaging application. Take advantage of our expertise and experience, no matter what industry your thin-walled packaging is required for.

The highlights of the thin-walled packaging solutions at a glance:
– Technology that is tailored to your application
– Maximum parts and production quality
– Best possible productivity
– Best overall equipment efficiency (OEE)
– Complete system solutions from a single source
– Comprehensive support throughout the entire project phase

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