

THIN-WALL AND FOOD PACKAGING –
STATE OF THE ART



EXEMPLARY PACKAGING



Ice cream

Design and economy combined in a high-performance injection mold: two-component and stackmold technology plus Core-Back system and In-Mold-Labeling.



Ice bullets

This unique package with an ingenious closure was created in close cooperation with our customer. The 260-degree In-Mold label calls for high standards of process and mold technology.



Three sizes from a single mold

The modular structure of the injection mold enables the mold inserts to be changed rapidly and efficiently.



The lightweight

This 2.5-liter ice cream container with an In-Mold label has a L/T ratio of 1:385. Stackmold technology enables additional cost optimization to be achieved in machine size.



Candy box

This two-part candy box is produced using Family-Mold technology in a stackmold. In other words, two different components are produced in one mold.



Tamper-evident closure

Our in-house product development enables us to offer innovative and intelligent solutions such as this tamper-evident closure: practical in use and efficient in manufacture.



Lid incorporating measuring spoon

A 4+4 stackmold and optimized cooling technology enable these lids featuring an ingenious closure to be produced with very short cycle times. A clip for the measuring spoon is integrated in the inside surface of the lid.



Cutlery

More than a billion items of cutlery are produced annually worldwide on our injection molds. We assist our customers in designing them. We take sole responsibility for everything else: optimizing weight, cycle time, stackability, automation with partners, packaging and labeling.

TECHNOLOGICAL HIGHLIGHTS

Customers all over the world are convinced by solutions from Adval Tech. A total of more than 2000 stackmolds from AWM featuring up to 128 cavities are operating successfully in more than 40 countries in the thin-wall packaging sector.

Whether Core-Back system, stackmold, rotary table or stack turning module: the common denominators of our solutions are uncompromising quality and high cost-effectiveness.

Modular-Mold system

The Modular-Mold system enables our mold inserts to be changed easily and rapidly in product families, for example to produce containers of different heights with identical openings – offering our customers an efficiency benefit that should not be underestimated.

Cooling technology

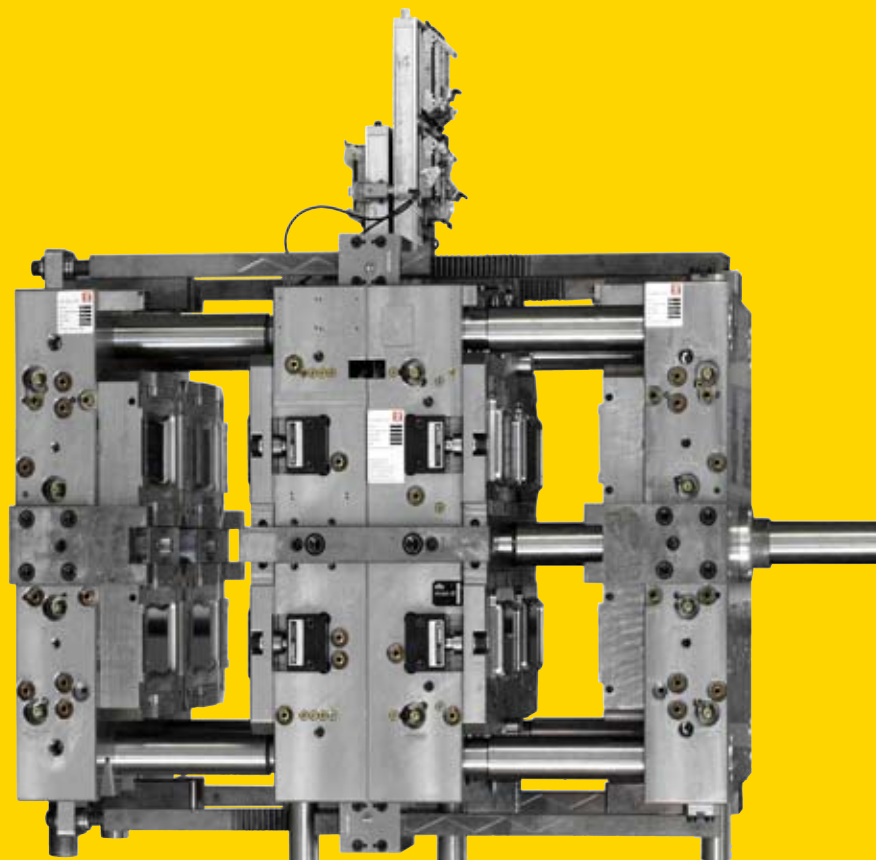
With our ingenious cooling technology we achieve very short cycle times with our molds, and our customers can manufacture extremely thin-walled packages.

Low-maintenance, reliable and long-lived

Due to our unique mold concept and high standards of precision our molds are remarkably low-maintenance, reliable and long-lived.

Total interchangeability

The total interchangeability of the mold inserts reduces maintenance work and inventories to a minimum.



This high-performance injection mold from AWM combines two-component technology, Core-Back system and In-Mold-Labeling.

QUALITY AND COST-EFFECTIVENESS

AWM covers the entire value-adding chain in the field of thin-wall and food packaging: from customized development of components, through mold flow analyses, prototype production and manufacturing high-performance injection molds, to supplying turnkey production installations.

OUR SERVICES

Product development and design

- Feasibility studies
- Material and strength calculations
- Analysis of production processes

Prototype production

- Manufacturing prototypes
- Producing pilot molds

Moldmaking and mold development

- Mold concepts
- Mold flow analyses
- Automated, air conditioned manufacturing around the clock

Technology Center

- Sampling and short production runs
- Monitoring and optimizing processes
- State-of-the-art injection molding machines, 175 - 600 tons

Service and customer training

- Training customers
- Commissioning
- Optimizing customers' processes on-site
- Follow-up assistance and service worldwide

System integration

- Turnkey installations
- Manufacturing concepts
- Project management



