

Full cycle cooling for high speed production from Heye

Conventional cooling of the blow mould unit operates only in certain mould positions. Consequently, consistent cooling of the mould cannot be ensured for the entire forming cycle at blow side, resulting in less container stability and less production speed.

The latest blow mould axial cooling is capable of permanently cooling the moulds during the entire process cycle. Thus, compared to other cooling systems, a much better cooling performance can be achieved. Regardless of mould open or closed position the full cooling power is ensured during the entire process cycle.

Double telescopic tubes with big cross-sections provide for maximum volume flow. Thanks to an improved cooling piece design, optimised flow paths are ensured. This provides for increased stability, better quality and higher production speeds. The axial cooling can be refitted in existing IS-machines.

Optimal flow paths

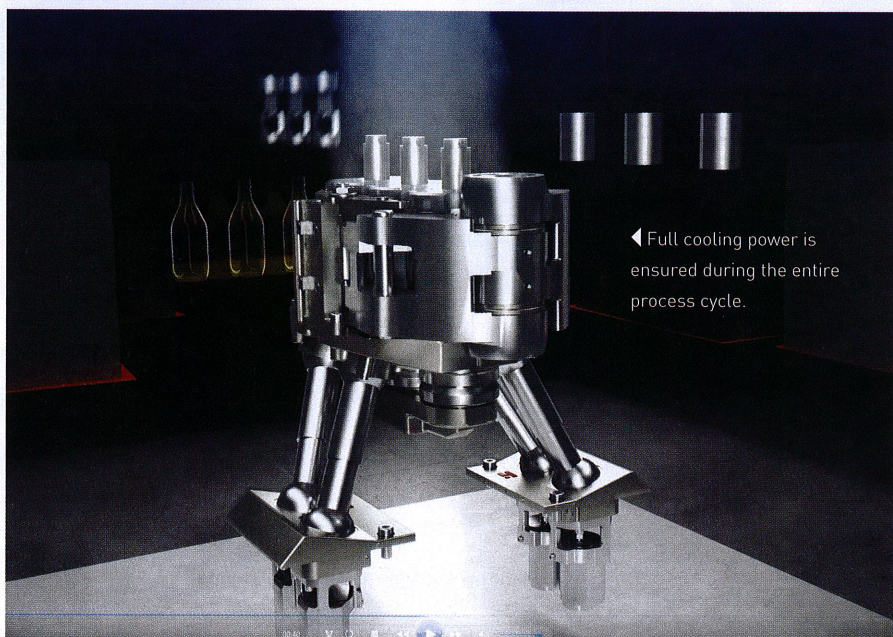
Big tube cross-sections and double telescopic tubes provide for maximum volume flow. In the area of the telescopic tubes the flow path is nearly straight, in the area of the ball joints it is redirected very slightly. The cooling piece distributes the cooling air in fan-shaped pattern equally on the mould halves.

Easy job change

A specially developed cooling piece holder allows performing the blow mould holder exchange quickly and easily. By loosening a few screws the holder can be separated in a simple way from the cooling piece.

Flexibility by telescopic tubes

The axial cooling can be applied for different glass container heights. The telescopic tubes flexibly adapt to the different distances between cooling foot and mould holder. For particularly short moulds the distance can be compensated by an additional cooling piece adapter.



Advantages:

- High cooling efficiency by double telescopic tubes;
- Uniform cooling air distribution on the moulds;
- Optimised flow design;
- Compatibility for all holder applications; and
- Easy and quick job change.

Carefully selected variables and spare parts guarantee a high process quality.

Heye International stands for innovative design, combined with precise manufacturing and long lifetime. Lately, the new 360° blow mould axial cooling has proven its benefits under glass in a Mexican container glass operation. ■

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