



KHS Innoclean DM is the innovative KHS double-end bottle washer.

Patented solution

Patented drive technology on the infeed and discharge and transportation of the bottles in sturdy plastic cells guarantees gentle, low-fault bottle processing.

Together with the patent-pending, energy-saving ECO carrier and the patented Cross-Flow injection spraying, the Innoclean DM bottle washer achieves exceptional cleaning results with minimal energy, water and chemical consumption.

Building on standards

KHS uses standardized components wherever possible in order to be able to provide our customers with short start-up times and high operational reliability with low maintenance requirements – in collaboration with KHS quality assurance in accordance with ISO 9001.

Convincing product features

- Multi-stage pre-heating of bottles if required also makes for intensive pre-cleaning. Carryover of soiling into the caustic and bottle breakage are minimized.
- Opposing infeed and delivery of bottles and, as needed, the patented expelled moisture extraction via a separate gap channel minimize the risk of biological recontamination.
- Heating of defined housing areas (patented) above the bottle delivery prevents drip formation. Together with the tried and tested jag plates, undesirable fluid entry into the cleaned bottles is safely prevented.
- Self-supporting housing in welded design with optional stainless-steel equipment entirely according to customer requirements and modular construction for optimal adaptation of performance and handling time in the range of 15,000 to 150,000 bottles per hour.

- Modular design allows for multi-bath machines – with an effective caustic soaking time of up to 25 minutes, depending on bottle contamination – processing technology tailored to the respective customer requirements.
- Special cleaning tasks can also be fulfilled.
- Patented KHS Triple-I-Drive for absolutely synchronous motion of drive chain and secure and gentle operation of bottle infeed and delivery.

