

Innofill Core Competence for Your Branch of Industry



Filling Systems
for Soft Drinks and
Mineral Water

Rely on Our Competence –

For filling your carbonated beverages such as soft drinks and mineral water

Who offers you more skill, knowledge, experience, and competence in this sector than KHS?

Innovative filling systems, for example, that you can also use for warm filling of carbonated beverages. No cooling. No energy consumption. No condensation on bottles. And with optimum filling



results and best possible process-related values at that. Or the complete range of soft drink process engineering from KHS. From water treatment to blending equipment. All from one source. Free of interfaces right up to the filler. Or the Innofill DRV-VF volumetric filling system without lifting elements, switchable between different filling methods. For bottling all styles of soft, drink in any type of PET container. Under pressure or pressureless. For normal, sensitive, and non-carbonated products. Maximum flexibility for your range of products. Recognized as one of the simplest, most reliable, and most easy-to-use filling system on the market. Or special filling methods for bottling in glass or refillable PET bottles. Or ultra-clean bottling systems for mineral water and spritzers. Take advantage of KHS' vast competence potential.





KHS' Dominance in Soft Drink Filling Systems The Popular Three:

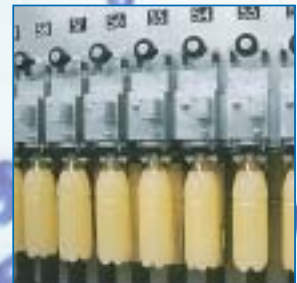
Innofill DRV-VF

Volumetric filling system
without lifting elements.
Unique in performance
and flexibility.



Innofill DRS-VF

Specially designed
for bottling in both glass
and plastic bottles.



Innofill DPG-VF

System-optimized,
pneumatic filling system
for glass and
plastic bottles.



KHS Volumetric Filler –

Unique heart of your soft drink line

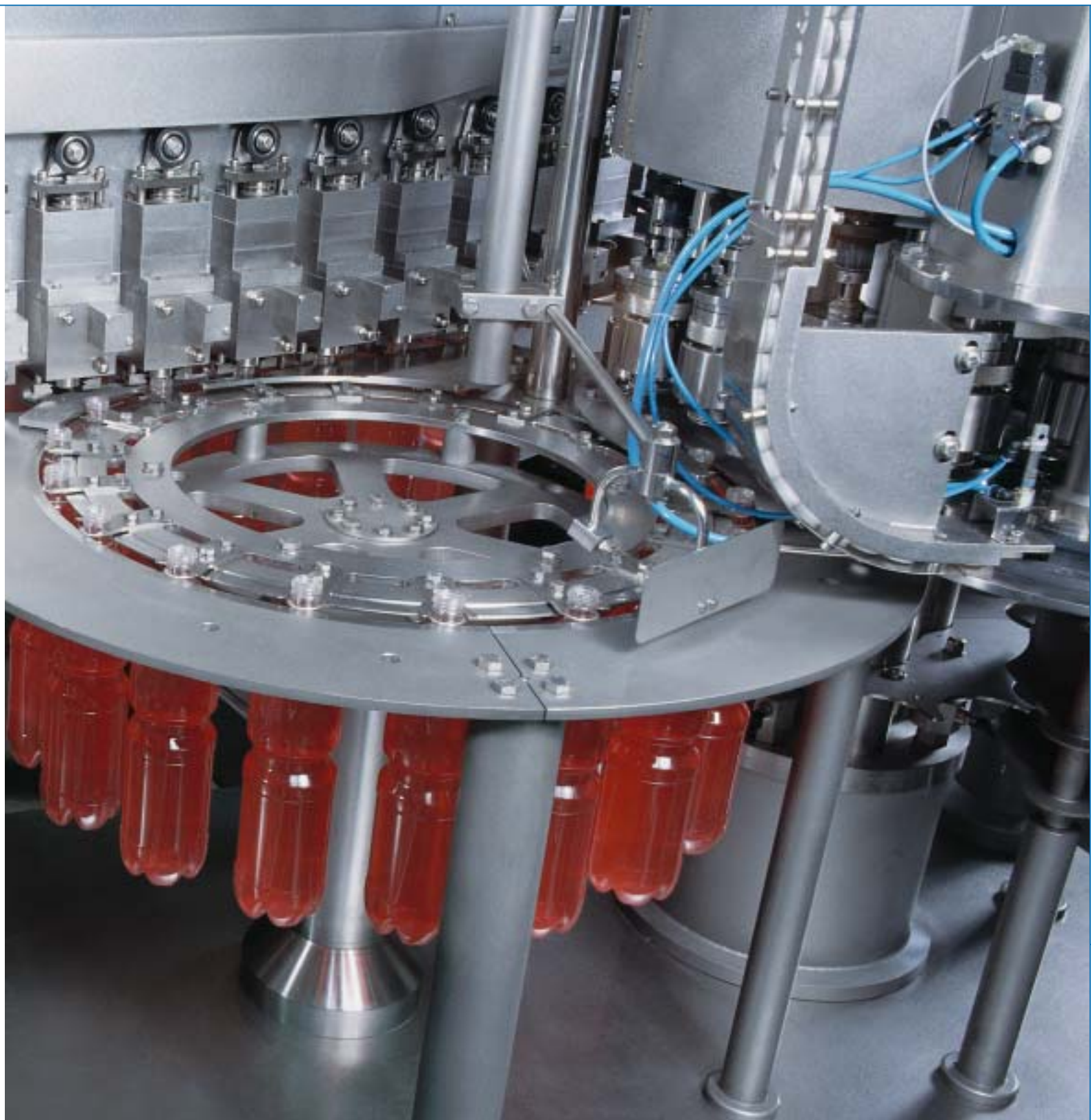


Top performance in modern design.

Hygienically flawless in high-quality stainless steel design.

Long service life. Low-maintenance.

Highly efficient at up to 80,000 bph.



Designed for a Highest Standard of Hygiene –

Many well thought-out details creating a perfect whole



Membrane technology within the filling valves
Hygienic membranes and sealing systems throughout all product and gas passages.

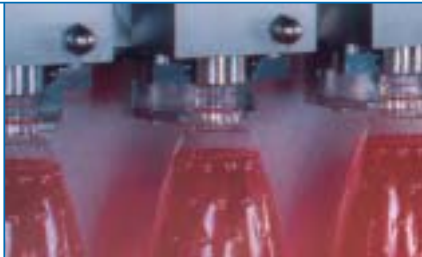


Exterior sanitizing of the filler block.
Foam and flushoff cleaning at predefined time intervals. Top-level spotless cleanliness.



Hygienically designed front table.
No niches, dead spaces, corners, edges. High-level ease of external sanitizing.

Freestanding machine enclosure
Made entirely of glass or Makrolon. Great transparency. Complete runoff of cleaning media. High hygienic safety.



Everything for Top Quality –

Many well thought-out details creating a whole



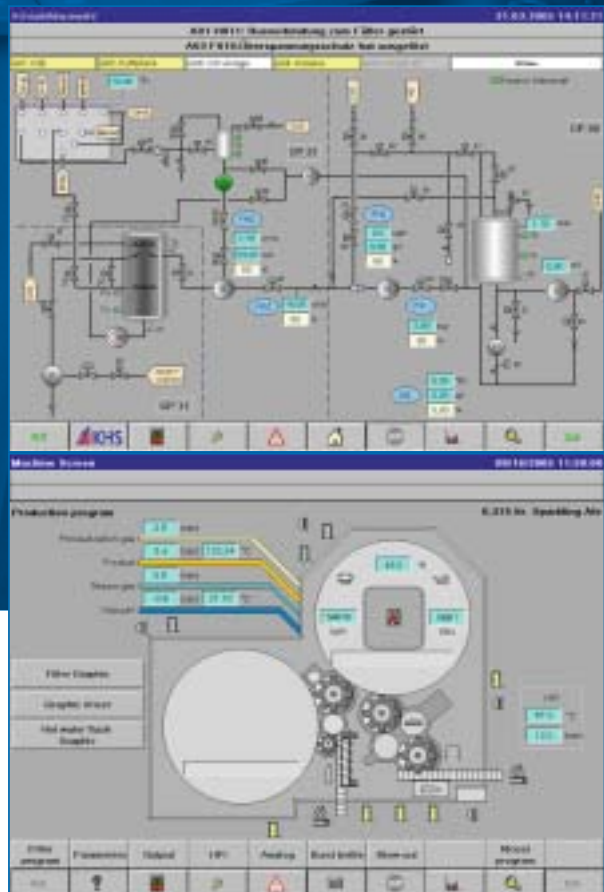
Change parts for PET bottle neck handling or glass bottles.
Feed disk instead of infeed screw.

Great flexibility in the choice of container styles.
Infeed disk requires no changeover work.

Servo drive for the entire filler block.
No joint shafts. No wear parts.
Low-maintenance.

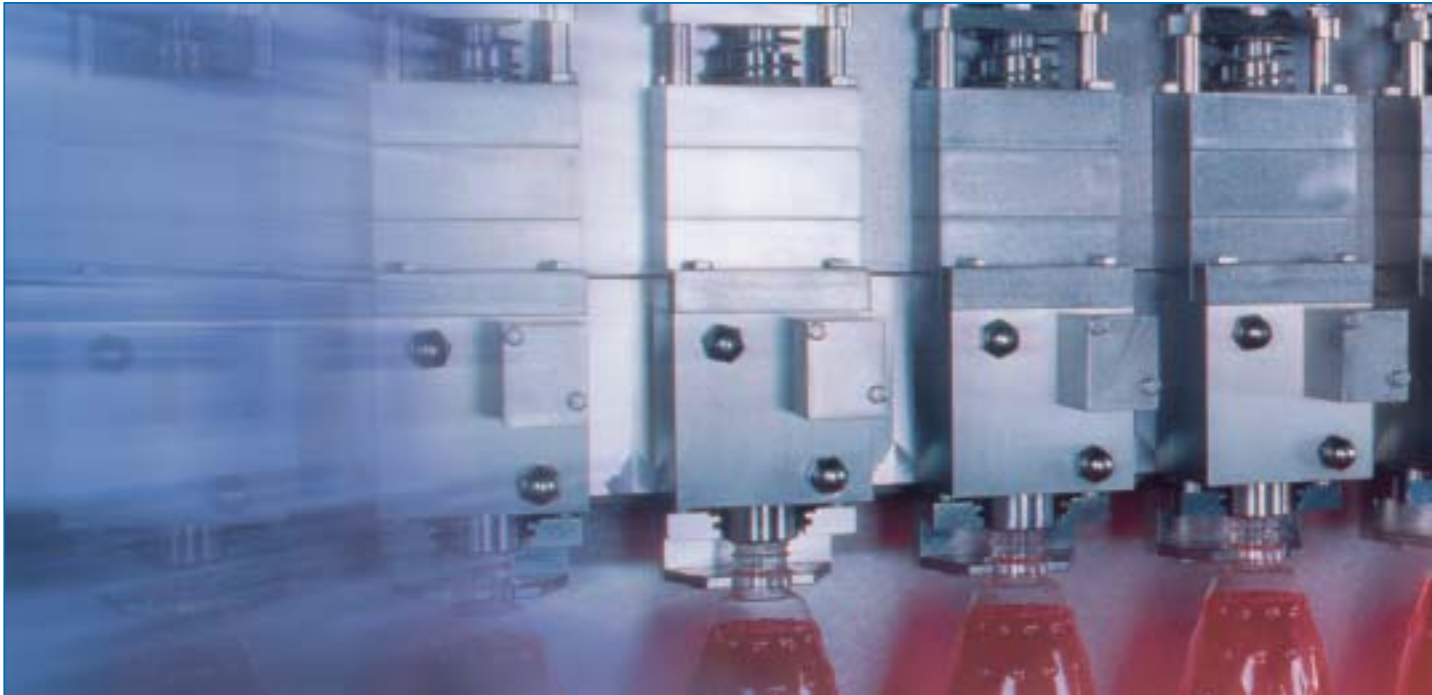
All filling valves with only a few mechanical moving parts.
Little servicing effort. Long service life.

PC-based machine information system with easy-to-use operator prompting for central control.
Direct access to all current statuses and process data.
Level of information always up to date.
Perfect man-machine dialog.



Innofill DRV-VF –

Volumetric filler for PET without lifting elements



The world's first pressure filling system to operate entirely without lifting elements. A development from KHS that is second to none in the market.

Simple. Easy to use. Versatile.

Computer-controlled, pneumatic pressure filling system.

High flexibility for filling of various styles of product and types of container.

Controlled, uniform results.

Electromagnetic induction flowmeter volumetric filling. Insensitive to fluctuations in pressure.

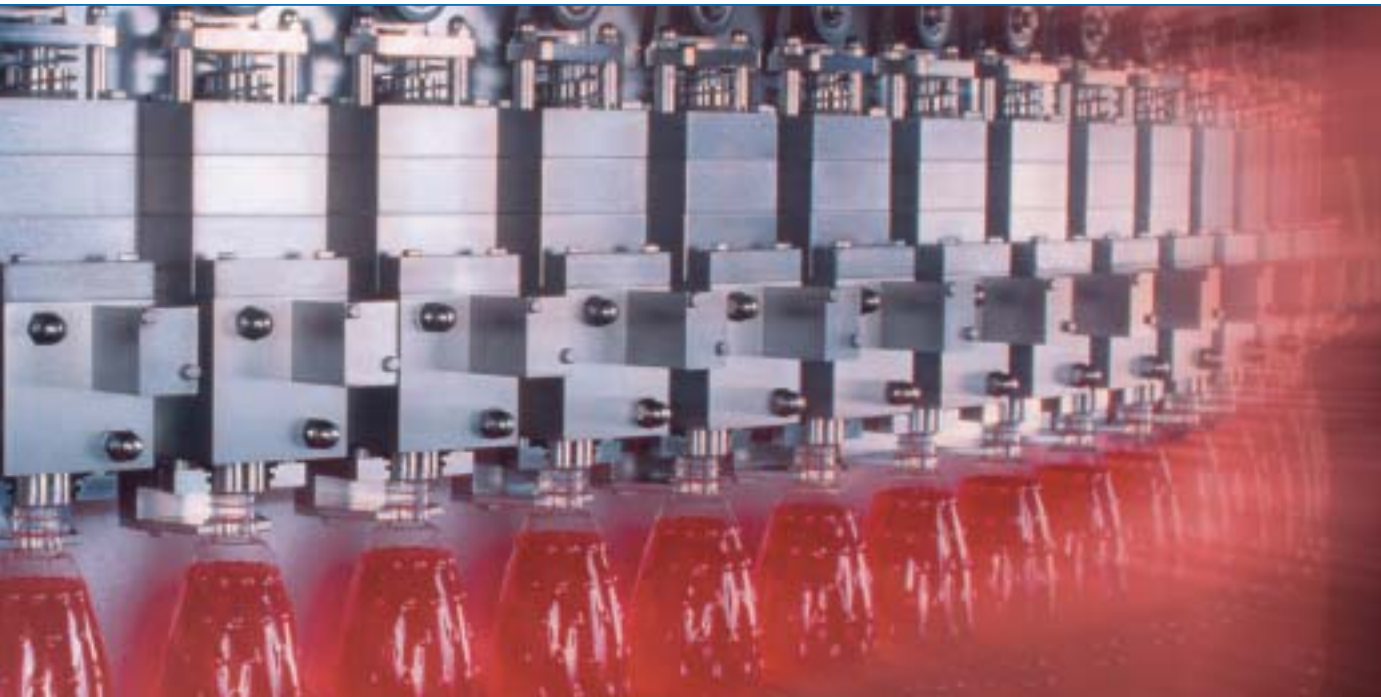
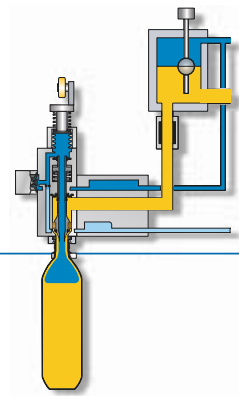
Exact filling levels/volumes. No overfilling.

Non-contact filling volume measurement.

Product passages free of built-in components.

Easy cleaning.





Switchable return gas control and filling methods.
Especially suitable for filling a wide range of beverages.

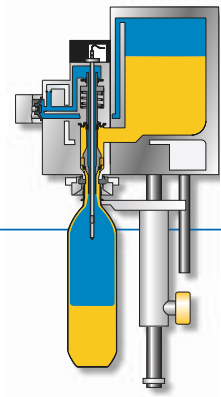
Quick and easy to handle, rinsing plates for CIP sanitizing.
Manual or automatic.

Output: Up to 80,000 bph



Innofill DRS-VF –

Computer-controlled, pressure filling system
with filling level probes



Pneumatic filling method ideal for bottling soft drinks and mineral water in both glass as well as refillable PET bottles. **Central product and bottle selection at the operator display screen for short product and bottle change-over. High flexibility in the choice of the area of application.**

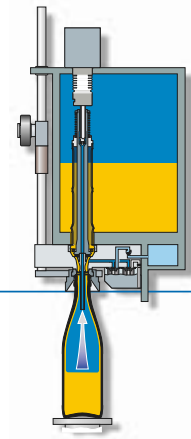
Filling levels determined by probes. **Central filling level adjustment for high machine availability. Less product wasted thanks to exact filling levels.**

Filling over a swirler. No spreader required inside the bottle neck. **Independent of bottle shapes, sizes, and materials.**

Output: Up to 80,000 bph



Innofill DPG-VF – Pneumatically controlled, pressure filling system



System-optimized, modern filling system for bottling carbonated beverages in glass or plastic.

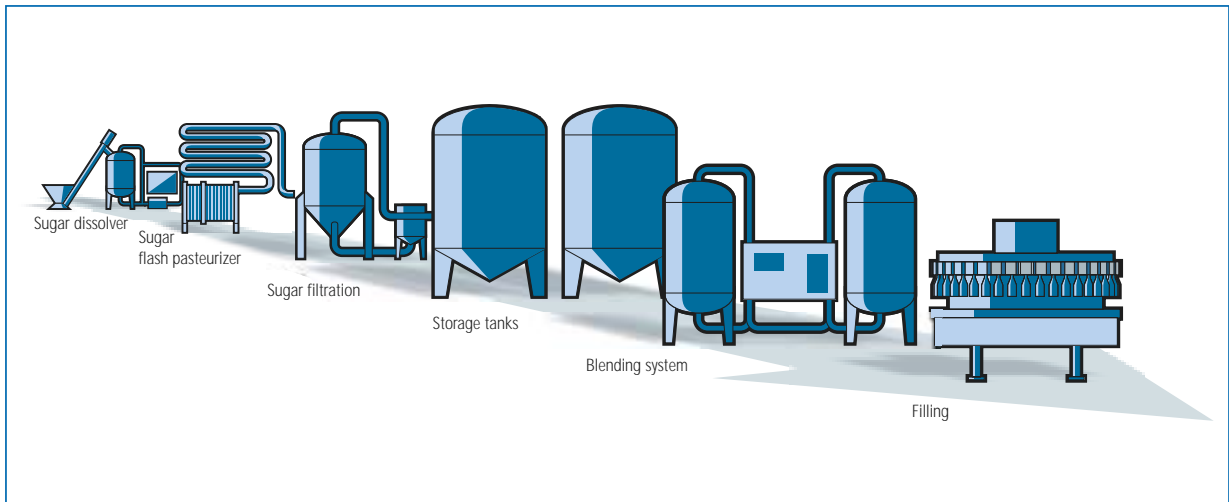
Filling system with no mechanical controls.
Pneumatic cylinders for all filling valve functions.
Only a few wear parts. Easy to maintain.
Long service life.
Reliable filling system for mineral water and soft drinks.

Output: Up to 80,000 bph



Core Competence for Your Branch of Industry –

KHS offers you even more when it comes to filling soft drinks and mineral water



Process engineering for soft drinks and mineral water

On request, KHS will also plan, manufacture, and implement turnkey systems for you incorporating the entire process engineering for processing soft drinks and mineral water. From water treatment through the syrup room with concentrate handling, for example, sugar dissolvers, flash pasteurizers, blending, and carbonating equipment up to and including detailed CIP technology for all areas. Profit from our competence.

Rinsing technology

If you decide in favor of KHS filling technology, you should also do the same when it comes to rinsing technology. KHS offers you the ideal, interface-free enhancement to your filling line. All from one source.

Ultra-clean filling and ACF

Everything when it comes to ultra-clean filling, aseptic cold filling, clean rooms, glass isolators, controlled airflows, and defined sanitizing and disinfection cycles for filling line hygiene. Get in touch with us!





Do you want to fill your soft drinks or mineral water in cans?

Then you can also rely on the experience, competence, and superior filling equipment from KHS.



KHS Till – the keg specialists

Offering you cutting-edge keg racking systems. Constant further development makes the filling of carbonated beverages in kegs more convenient, safer, and more economical.

Capping technology – you have the choice

Regardless of how you would like to cap your bottles, KHS will supply the right capper. Integrated in a rinser-filler block. Servo screw cappers, mechanical screw cappers, crowners, and more.



Our specialists, product information brochures, and the Internet at www.khs.com are available to provide you further information. Get in touch with us.

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