

Innokeg<sup>AK</sup>



External Washer for All  
Keg and Container Types

# External Washer Type Innokeg AK-6 to AK-12

for nominal capacities of 300 to 1.300 keg/h

The high capacity keg external washer is a modular concept constructed from stainless steel. It is available in four installation sizes (up to 600, up to 800, up to 1.100, up to 1.300 keg/h): In-between sizes are possible on demand.

## Station 1 Pre-cleaning with caustic or mixed water

The area of the Barnes neck and the keg body is cleaned from abrasive dirt at 3 bar by optimised adjusted spraying nozzles with individually adapted spray pattern.

## Station 2 Main cleaning with caustic

Kegs are intensively cleaned with caustic in order to remove ink coding as well as labels. Dirt which had been rinsed off is carried outside (via the dirt removal belt), where it is collected and disposed. The caustic drips off into an appropriately designed module and is back flushed into the caustic tank.

## Station 3 Main cleaning with water

Kegs are treated with mixed water again. The remaining contaminations are flushed outside via a filter fleece, where they are collected by a tank.

## Station 4 High pressure spraying for label removal (optionally)

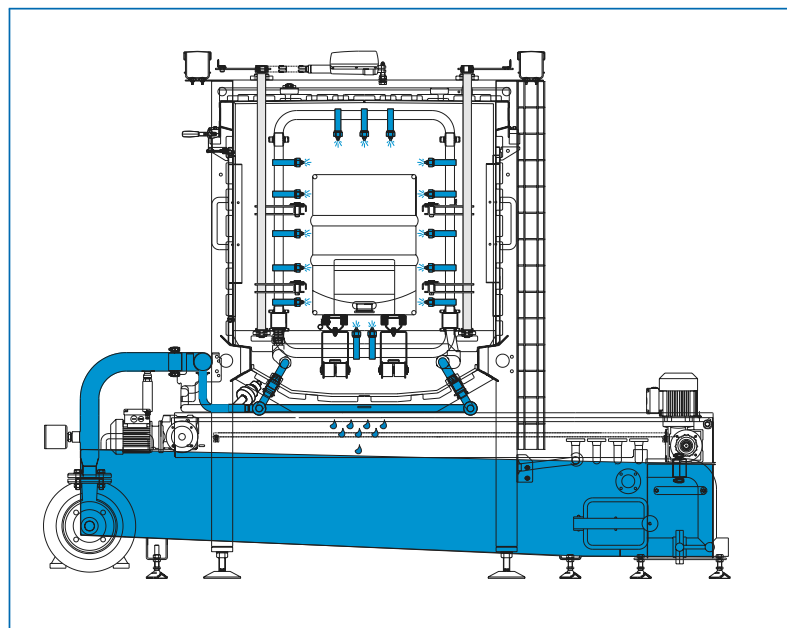
Depending on line capacity and degree of pollution the labels and ink coding are removed from the kegs by means of high pressure rotating nozzles with up to 240 l/minute at 80 bar.

## Station 5 Rotating brushes (optionally) for additional mechanical cleaning of keg body

The brush station includes 3 brushes.

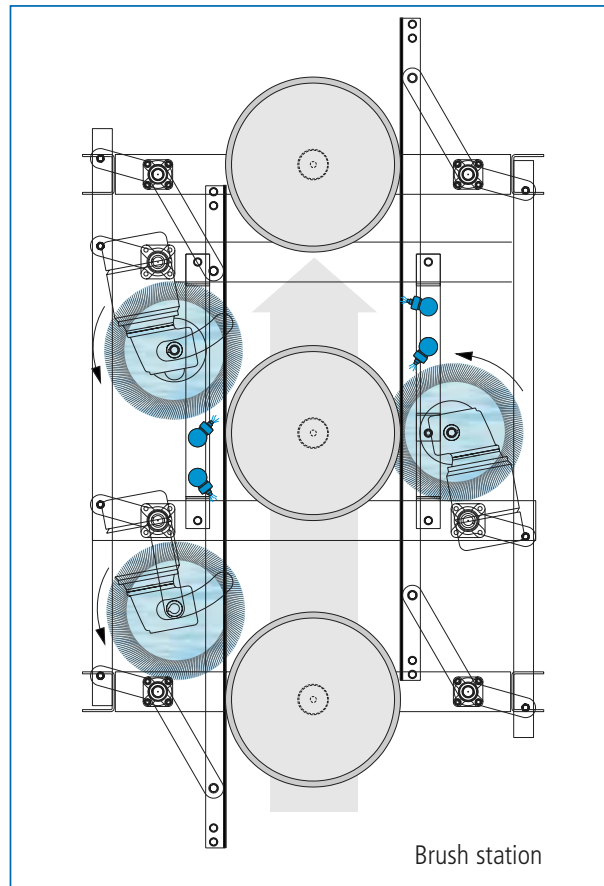
## Station 6 Final rinsing with fresh water

The washer chamber has extended infeed and outfeed zones. Self-closing doors avoid accidental escape of spraying water and vapour.



Top: Arrangement of spraying nozzles and external detergent tank

Left: High pressure rotating nozzles for label removal



## Main criteria of machine despite modular assembly:

- Easy maintenance
- Removable viewing windows on each side
- The generously dimensioned recirculation baths can be easily and effectively cleaned as the water is externally heated. Filter systems (combination of course filter and fine filter with filter fleece) are located above such baths, which allow high running times for smooth production.
- Long dripping off zones and draining in between the treatment stations avoid contamination of the baths.
- Side and overhead guidance are automatically adjusted for handling of different keg sizes.
- The washer chamber has infeed and outfeed zones and self-closing doors to avoid accidental escape of spraying water and vapour.
- Cleaning times can be chosen and are supervised via a PLC.
- The machine can optionally be equipped with an automatic internal bath cleaning facility.



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