



# Permanent caustic filtration

LCS machine upgrade  
No. 0157



**This upgrade improves the following**

■ Efficiency	■ Media	■ Personnel
■ Environment	■ Quality	■ Material

**Benefits of the upgrade**  
Higher performance and lower operating costs for bottle washers thanks to efficient cleaning of the main caustics

**Suitable for the following machine types**  
All KRONES washers and third-party machines

**Installation with minimum production loss**  
Conversions are also possible during a general overhaul or partial repair and with a service engineer deployed from your region.

**Contact**  
Please send your enquiry to your local subsidiary or contact [upgrades@krones.com](mailto:upgrades@krones.com).

### The following improvements are achieved

- Filtering the main caustic reduces the amount of chemicals required. Caustic needs to be prepared and replenished less often. Constant quality is assured.
- The fraction of suspended matter and dirt particles within the machine is reduced. Deposits are prevented and hygiene in the caustic tanks enhanced.
- Caustic filtration results in lower maintenance and servicing costs.

