

# BLÜCHER® HygienicPro drainage



First drainage system manufacturer to hold a HACCP certification



## New BLÜCHER® drainage solution for hygiene-sensitive applications

- Efficient drainage of floors in hygienic production areas
- Leaving no standing water, thus preventing bacterial growth
- Available as channels or point drains
- High flow capacity and efficient self-cleaning even at low water volumes
- Easy to clean, e.g. no need to remove gratings to hose down drain
- No need to stop production to empty filter basket during a work shift
- Entirely new construction to avoid cracks in the flooring due to traffic load and daily tear and wear
- Based on EHEDG guidelines for hygienic construction

KEEPING UP THE FLOW

## WHEN HYGIENE MATTERS

To achieve and maintain a high level of hygiene in food production lines it is important that all surfaces are easy to clean and keep clean and that all refuse as well as waste water from cleaning processes is disposed of quickly through an efficient drainage system.

The drainage system is an integral part of the factory building with most of its components placed in or below the flooring, making subsequent changes extensive and costly. For this reason it is important to get capacity, layout and component quality right in the first place!

Based on 50 years' experience in designing and manufacturing stainless steel drainage products, BLÜCHER has developed an entirely new drainage concept addressing the challenges concerning hygiene, production efficiency, ease of cleaning and durability faced by the food processing and other industries.

BLÜCHER® is a EHEDG member and the first drainage system to hold a HACCP certification.



### Efficient transportation to outlet area, even at minimal water flow

New channel geometry keeps channels empty and clean during minimal water flow periods

### Increased capacity of outlet box/drain bowl and filter basket

Eliminates production slowdowns caused by the need to empty clogged filter baskets, Outlet boxes/drain bowls and filter baskets available in 3 high-capacity sizes

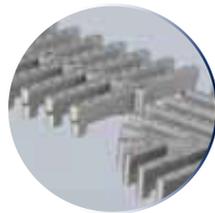
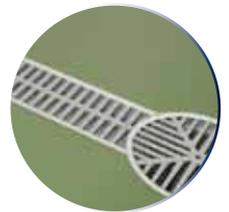


### High-flow water trap

Increases flow rate and improves hygiene by emptying the channel/drain faster. Separable for easy cleaning

### High-speed cleaning

Optimizing and reducing daily cleaning routines through design with rounded corners and no cavities

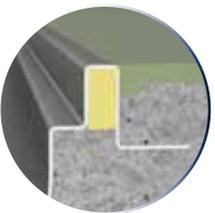


### Efficient removal of waste and residues from floor area

Grating with open sides, rounded corners and no cavities prevents waste and residues from depositing on the grating surface

### Minimal channel size - maximal water capacity

Maximizing channel installation capacity through the use of the outlet box as buffer area

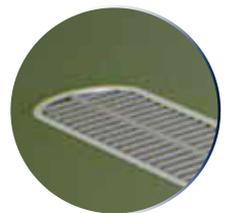


### Heavy-duty frame and concrete bonding to floor

Improving hygiene and durability owing to edge infill of the frame and special anchor tangs, minimizing the risk of deformation to the frame and flooring cracks

### Durable floor joint

Rounded corners reduce the risk of joint deterioration and flooring cracks



### Frame protection for safe installation

Protective cover and functions as template for flexible sealant around drain/channel for casting of epoxy resin flooring, providing uniform space for flexible sealant all around the drain/channel.

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