

BLÜCHER® DRAINAGE SYSTEMS

Industrial applications

INDUSTRIAL



BLÜCHER®

K E E P I N G U P T H E F L O W

STAINLESS STEEL DRAINAGE SYSTEMS

## Drainage systems for industrial applications all over the world

BLÜCHER® drainage systems have proven their functionality and reliability in the industrial sector all over the world. Food factories, the beverage industry, pharmaceutical and chemical plants are some of the places where you will find a vast number of drainage solutions from BLÜCHER®.

## Keeping up the flow

BLÜCHER® is committed to leading water away and keeping up the flow in the housing, commercial, industrial and marine sectors. The industrial sector depends on the performance of our solutions every day, where hygiene and durability are of great essence. Developing and producing drains, channels and pipes are BLÜCHER's core competence. We give you a wide and deep range of products to solve any drainage requirement within industrial applications.

**Industrial**

**Housing**

**Commercial**

**Marine**





## Specialised in stainless steel

### Hygienic

Clean and hygienic conditions in production facilities, kitchen areas and changing rooms are important elements contributing to efficiency. Properly treated stainless steel has a unique smooth surface that guarantees maximum flow capacity and excellent hygiene. Due to its low surface roughness bacterial growth on stainless steel is significantly less than on, for example, plastics.

### Withstands high temperatures

Stainless steel can withstand a high degree of vibrations and it functions within a wide scale of temperatures. Being able to withstand temperatures over 800 °C, stainless steel can fulfill any demand for hot-water cleaning. In addition, it is a highly fire-resistant material that requires no further fire protection.

### Strong and light-weight

Stainless steel is a strong, durable, pressure and chemical-resistant material. Due to the excellent material properties the weight of our products can be reduced by more than 20% as compared to cast iron making installation fast and easy.

### Easy maintenance

Shaped without rough corners or edges, cleaning and maintaining stainless steel takes minimum effort and time. The removable water trap provides easy rodding access.

### Design

If design is a parameter, which is becoming the case in more and more aspects of life, stainless steel is a durable and classic material that also stands the visual test of time.

### Environmentally safe

Stainless steel is 100% recyclable and non-toxic.

### Approvals

The BLÜCHER® drainage system carries the approval by leading international classification authorities; for example ETA, SITAC, Byggforsk and BBA. Furthermore we carry out tests at international institutes, for example acoustic tests of BLÜCHER® EuroPipe at the International Fraunhofer Institut.

BLÜCHER® EuroPipe

BLÜCHER® Channel

BLÜCHER® Drain



Pfizer

## BIOTECH AND PHARMA

BLÜCHER® provides safe drainage solutions removing water from production areas, laboratories, utility rooms, kitchens and changing rooms in the biotech and pharmaceutical industry.

### Most suitable products

We offer a wide range of floor drains, channels and pipes as standard or customised products. Every care has been taken to develop products requiring minimum maintenance whilst offering excellent hygienic properties and high flow capacities, for instance the removable water trap providing easy access for cleaning and inspection.

Specifically suitable for the biotech and pharma industry are clean room floor drains with gas-tight cover, flushing-rim drains, dual-contained drains, pipes and channels.

The outlet of the drains of course connect directly to the BLÜCHER® EuroPipe drainage pipework system. With its excellent product quality BLÜCHER® EuroPipe fulfills the requirements of the biotech and pharmaceutical industry regarding, for instance, temperatures and resistance to chemicals. If required BLÜCHER® EuroPipe can be supplied as dual-contained for extra hygiene and safety or as pre-fabricated solution. The reliable push-fit system can be used for process waste and rainwater, soil and waste, and the system is used extensively for laboratory waste.

### Selected references

Pfizer, GSK, Astra Zeneca, Johnson & Johnson, Aventis.  
Complete reference list available on request.





**DANISH CROWN**

## FOOD

BLÜCHER® provides drainage solutions to all kinds of food factories. The smooth, easy-to-clean surfaces of the stainless steel products ensure excellent hygiene, self-cleansing and excellent flow capacity.

### Most suitable products

We offer a wide range of drains, channels and pipes to solve any drainage requirement in the food industry.

BLÜCHER® Drain for all kinds of flooring with removable water trap, filter basket or sand bucket for easy cleaning.

BLÜCHER® Channel is available with or without outlet box, for grating or as slot channel. The channels are combinable with the same lower parts as the drains and are available with a wide range of gratings suitable for medium to heavy weight loads.

BLÜCHER® EuroPipe is an easy to install push-fit drainage pipework system that exceeds the demands of the strictest user and statutory requirements. The smooth inner surface prevents bacterial growth and blockages.

### Selected references

Kraft, Nestlé, Danish Crown, Daloon, Tulip, Knorr, Singapore Airport Catering, Ahlgreens, Estrella, Kelloggs, McDonalds. Complete reference list available on request.





THE BREWERY

883



BREWED



JOHN  
GALT  
BREWERY

## BREWERIES AND DAIRIES

BLÜCHER® provides drainage solutions removing water in brewery bottling halls, dairies and abattoirs all over the world.

### Most suitable products

The BLÜCHER® Channel and BLÜCHER® Drain Industrial range of products are modular systems and therefore easy to plan.

The frames and gratings are able to withstand the weight loading of heavy vehicles and goods being moved around.

BLÜCHER® also offers an extensive range of accessories such as glass separator, filter basket and sand bucket, making it possible to completely avoid overloading the sewage system with unintentional discharges.

### Selected references

CocaCola, Pepsi, Heineken, Carlsberg, Whitbread Breweries, Budweiser, Tropicana Juice Processing, Absolut Vodka. Nestlé, Arla Food, Danone, Unilever, Almarai Dairy. Complete reference list available on request.

Project manager Chris Lockhart, Carlsberg brewery VENA, Sct. Petersburg:

“When planning the drainage systems, it was a vital point that we were able to design them with great accuracy in Denmark. The system provides a large impounding capacity and is capable of discharging very large quantities in a short time. Further more the system is practically self-cleansing, and this means that the brewery does not have to spend resources on day-to-day maintenance.”





## OTHER INDUSTRIES

Cars, perfume and IT components. All examples of products that benefit from the long product life expectancy of stainless steel drainage systems.

### Most suitable products

BLÜCHER® offers drains, channels and pipes for a complete drainage system. The modular product lines provide numerous possible combinations and a solution to any drainage project.

BLÜCHER® Drain for all flow and load capacities, and available with square frame for concrete or tiled floors and circular frame for resin (epoxy) floors.

BLÜCHER® Channel offers the highest level of stability and resistance to deformation. The edge infill in frames prevents cavities inside and provides stability.

BLÜCHER® EuroPipe is available up to Ø250mm in 6 different lengths. The product program also includes an extensive range of fittings such as bends, branches, access pipes and rat stops. The push-fit system combined with a low weight ensures a fast and easy installation.

All products are available in AISI 304 or AISI 316L stainless steel.

### Selected references

Mercedes, Renault, L'Oreal, Sony, BASF, 3M, IBM World Headquarter, Honeywell, Colgate Palmolive, Royal Copenhagen, Hella. Complete reference list available on request.



# BLÜCHER®

At BLÜCHER® more than 300 employees create an annual turnover of more than 50 million euro.

Through know-how, dedicated service and common sense we develop, produce and market high quality stainless steel drainage solutions for customers within the housing, commercial, industrial and marine sectors all over the world.

Find your local BLÜCHER® specialist at [www.blucher.com](http://www.blucher.com)

**BLÜCHER® EuroPipe**

**BLÜCHER® Channel**

**BLÜCHER® Drain**



KEEPING UP THE FLOW