

# KÄRCHER

makes a difference



# YOU BREW THE BEST BEER

We provide the best cleaning solutions

PROFESSIONAL | FOOD INDUSTRY | BREWERY







# THAT IS HOW IT IS DONE

You brew beer like nobody else. Maintain this individual quality with professional cleaning. Because cleanliness is essential so that Pilsner beer, wheat beer, lager, ale, etc., can develop and preserve their typical taste.



# MODERN TRADITION

There are around 15,000 types of beer. Each one of these beers deserves to find its way from the brewing kettle into bottles, cans and kegs pure and uncontaminated. With the Kärcher system you can clean the entire brewery professionally.

## HOPS AND MALT

A decisive factor for smooth-running and reliable brewing processes is professional and efficient cleaning in all areas. Large volumes, high humidity, narrow roads, massive storage areas and kilometres of pipelines are big challenges. And these are best overcome with a system. In the Kärcher system you have machines, accessories, cleaning agents and service from a single source. From the individual machine to the customised complete solution.

### L2P – leaves dirt in the cold

With our new patented L2P dry ice blaster you can remove all types of dirt. Also where no water can be used, e.g. for electronic and other live components. The new L2P is the only dry ice blaster which produces the dry ice pellets itself – directly from the CO<sub>2</sub> cylinder. A procedure patented by Kärcher.



IB 10/8 L2P



IVS 100/75 M

### IVS – the boozers

Greater process reliability in production and for your employees with our IVS industrial vacuuming systems. Also available as a version for ATEX Zone 22.



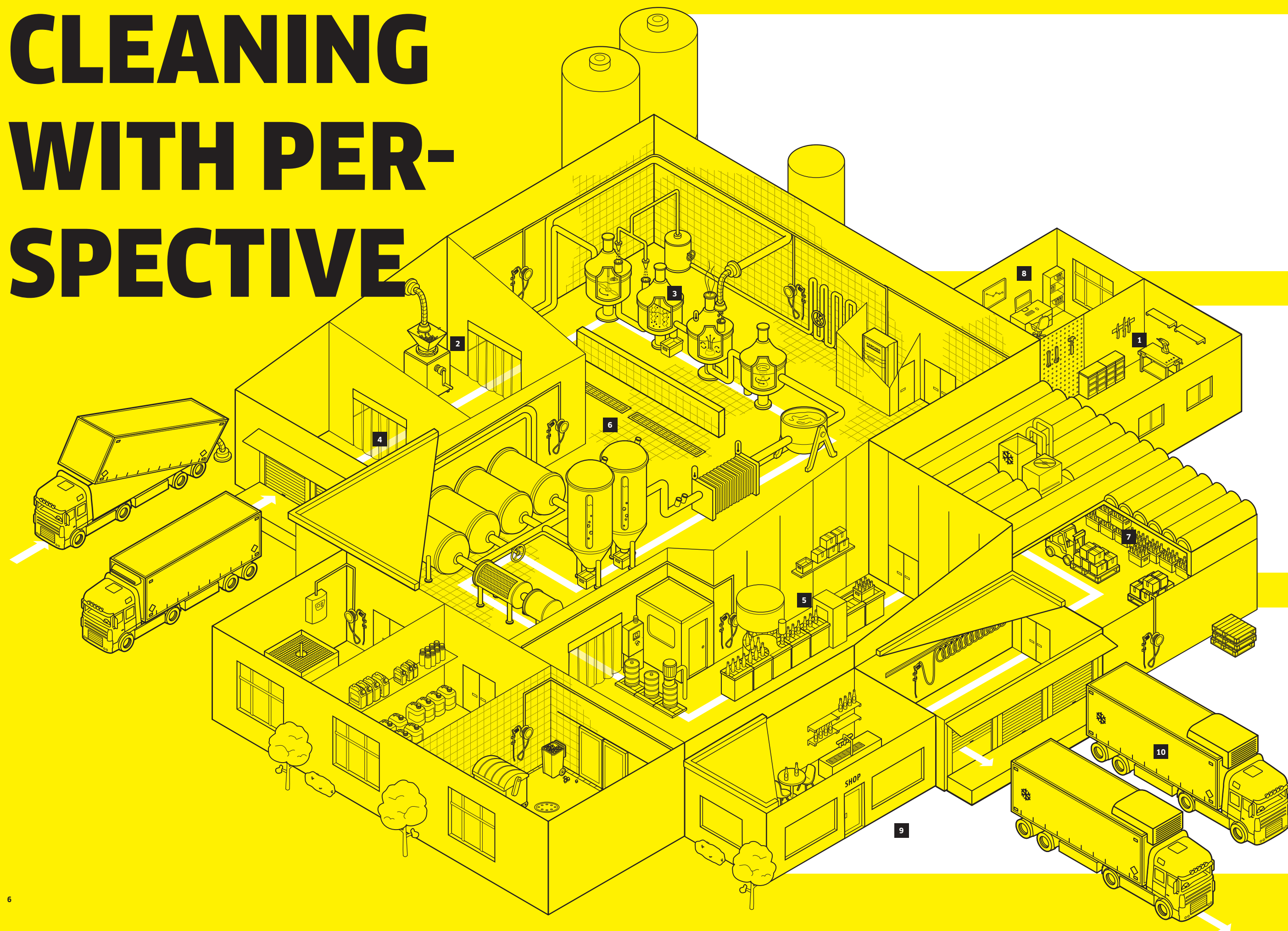
HDC Advanced

### HDC – performance everywhere instead of running around

Stationary high-pressure cleaning systems are the efficient solution for cleaning tasks in the entire company. Instead of the tedious task of moving mobile machines through production, trigger guns are installed at defined cleaning stations ready for operation.



# CLEANING WITH PERSPECTIVE



# 1

## MAINTENANCE AND REPAIR

Production halls, floors, walls, all types of surfaces

**Cleaning problem** Maintenance and repair are important for high quality and smooth-running processes. Cleanliness is very important in this area.

**Cleaning solution** L2P, wet and dry vacuum cleaners, industrial vacuums, high-pressure cleaners, sweepers according to the hall size, battery-powered brushes, steam vacuum cleaners, steam cleaners

**Accessories** Side brushes, roller sweepers, flat pleated filters, adapters, foam lance, Inno foam set (with cleaning agent injector), hose reels, antistatic hoses, special nozzles

# 2

## MALT MILL

Cleaning malt mill and surrounding area

**Cleaning problem** Cereals and dust collect in the mill and prevent a smooth-running grinding process.

**Cleaning solution** Industrial vacuums IVS/IVM with ATEX 22 or stationary vacuuming systems, sweepers

**Accessories** Antistatic hoses, special nozzles

# 3

## BREWING PROCESS

Floor, tanks (external and internal), kegs, silos

**Cleaning problem** Production residue in and on tanks and on the floor

**Cleaning solution** Stationary (HDC) and mobile high-pressure cleaners, scrubber driers, modular system solutions, barrel cleaners. Foaming and disinfecting according to HACCP

**Accessories** Surface cleaners FRV, EASY!Force, adapters, nozzles, foam lance, Inno foam set (with cleaning agent injector), hose reels, interior cleaning heads, high-pressure pumps, hot water generators, control

# 4

## INCOMING GOODS

Delivery area, storage areas for components

**Cleaning problem** Leaves, rubbish, road dirt

**Cleaning solution** Sweepers and vacuum sweepers, MIC, industrial vacuums in order to efficiently remove dirt without manual sweeping. Cleaning the outside area leads to reduction of dirt penetration in production.

**Accessories** Side brushes, roller sweepers, flat pleated filters

# 5

## FILLING PLANT

Floor (polymer concrete), conveyors, labelling machine

**Cleaning problem** All kinds of dirt, mainly dust and product residue

**Cleaning solution** Mobile or stationary high-pressure cleaners HD/HDS, scrubber driers, IVS industrial vacuums with special nozzle for labelling machine

**Accessories** Adapters, foam lance, EASY!Force, Inno foam set (with cleaning agent injector), hose reels

**Cleaning agent** PressurePro Foam Cleaner, neutral RM 57; PressurePro Foam Cleaner, alkaline RM 58; PressurePro Foam Cleaner, acidic RM 59; Disinfectant RM 735

# 6

## FLOORS

Goods delivery, production, packaging, warehouse

**Cleaning problem** Dust, production residue, packaging waste, etc.

**Cleaning solution** Sweepers according to floor area for removing dirt in order to protect finished goods and prevents work accidents

**Accessories** Side brushes, roller sweepers, flat pleated filters

# 7

## WAREHOUSE

Floors in goods delivery, production, packaging, warehouse

**Cleaning problem** Lanes, deposits

**Cleaning solution** Scrubbers/scrubber driers, sweepers/vacuum sweepers, wet and dry vacuum cleaners

**Accessories** Cleaning brushes  
**Cleaning agent** FloorPro Deep Cleaner RM 69 eco!efficiency, FloorPro Tyre and Abrasion Marks Remover RM 776

# 8

## BUILDING AND OFFICES

Offices, maintenance buildings, social and sanitary facilities

**Cleaning problem** Dust, road dirt, pollen, bacteria, smells and limy tap water

**Cleaning solution** Wet and dry vacuum cleaners, dry vacuum cleaners, carpet cleaners, air purifier AF 100, water dispenser WPD

**Cleaning agent** Universal Stain Remover RM 769, RM 760 powder CarpetPro Cleaner

# 9

## OUTSIDE AREAS

Entrances, loading bays, paths and parking spaces, green areas

**Cleaning problem** Leaves, snow, grass, waste, road dirt

**Cleaning solution** Implement carriers MC/MIC, sweepers/vacuum sweepers

**Accessories** Attachment kits: snowplough, snow blade, mower, brush system, 1- or 2-arms. Various brushes for every floor

# 10

## TRANSPORT

Commercial vehicles, external and internal, cabs and loading bay

**Cleaning problem** Road dirt, salt deposits, mud, brake abrasion

**Cleaning solution** Configurable commercial vehicle wash systems and special drying aid. Compact scrubber driers, mobile or stationary hot and cold water high-pressure cleaners, push scrubbers/vacuum sweepers

**Accessories** Swivel arm, plug-in rotating wash brushes, telescopic spray lance, water recycling system, surface cleaners

**Cleaning agent** VehiclePro RM 806/ RM 821 Classic, PressurePro active cleaner RM 81



# KÄRCHER: GLOBAL PROVIDER OF CLEANING TECHNOLOGY

Today the family-run company Kärcher is considered the world's leading provider of efficient, resource-saving cleaning systems. Kärcher makes the difference with top performance, innovation and quality.

**Solutions instead of just products:  
the Kärcher system**

Kärcher's development into a system provider is based on the principle of achieving more together. We look for solutions from which everyone benefits in the company itself as well as together with suppliers and users. We search for innovative products and services that make an optimised system possible: the Kärcher system. What is important is that with the use of the Kärcher system your essential, and ideally all of your requirements and needs are fully met.

**Not everything you can think of, but making everything possible.**

As a system provider, Kärcher does not want to offer everything you can think of, but everything you as a user need for your individual cleaning system. This is not decided by the available range, but the actual requirement alone. Responding to your questions on performance, efficiency and sustainability is important. A system of machines, accessories, cleaning agents, services and digital solutions that can be easily integrated in your operations and brings real added value. A system that makes the difference. The Kärcher system.

**WOMA - water force as a tool**

For over 50 years now WOMA has been a technology leader and innovation driver in high-pressure water jet technology. Through continuous research and development, today we use systems with water pressures of up to 4,000 bar and flow rates of over 1,600 litres per minute.

Since 01.04.2011 WOMA has been part of the Kärcher Group and our competence centre for high-pressure pumps and high-pressure water jet technology. With WOMA the Kärcher Group has strengthened its position as a global market leader for cleaning technology in the promising segment of high-pressure systems.



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