KÄRCHER

makes a difference

WORK HYGIENICALLY - CLEAN ECONOMICALLY AND EFFICIENT

Effective, complete solutions for cleaning in the food industry

INDUSTRY | FOOD INDUSTRY

HYGIENE IS EVERYTHING.

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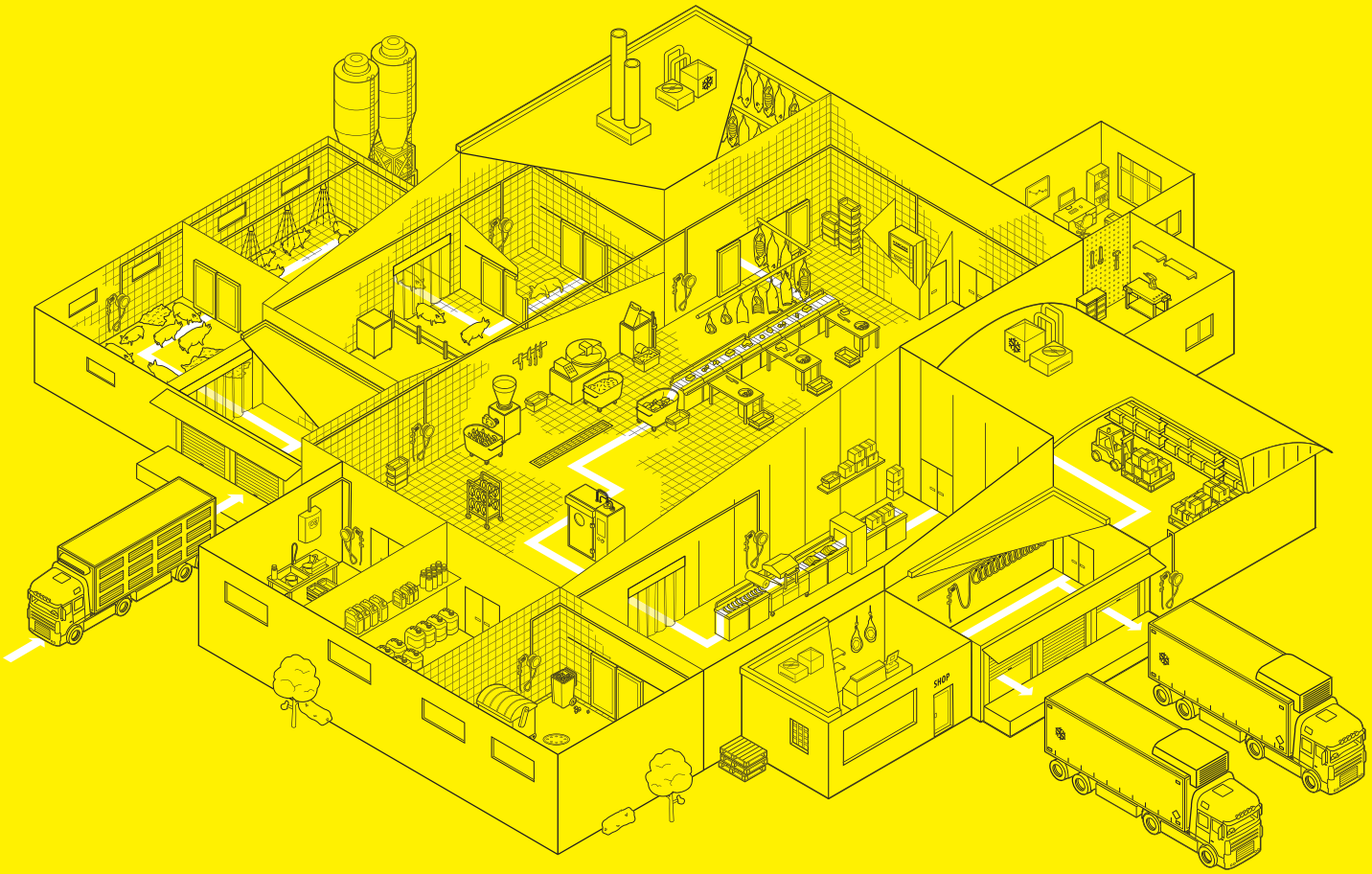
Humans' basic requirements are rather simple: food and drink. Fulfilling these needs on time is anything but easy. Today, nutrition is much more than purely satisfying these basic needs. The enjoyment, presentation and, above all, safety are more firmly rooted in the psyche than ever before. This variation and complexity are also reflected in the production processes and place different cleaning requirements on the manufacturers. To stay in line with these strict requirements and to increase hygiene, product quality and efficiency in the food industry, strict hygiene regulations and standards (such as the HACCP and the ISO and IFS standards) must be adhered to.

THE 8 SECTORS OF THE FOOD INDUSTRY



This production process represents the meat, poultry and fish processing industry. Further overviews of the production processes can be found on our Kärcher homepage, where you can scan the QR codes.

As a world leader in cleaning technology, we offer technical and cost-effective solutions for food processing in every area of production, as well as office areas and outdoor facilities, from standard machines to complete custom-made solutions and from consulting and planning to initial start-up and full service.

Below we will go into more detail regarding the individual cleaning requirements for the different sectors of the food industry. Efficient cleaning solutions are suggested per area, which you can use to improve hygiene and save time when cleaning.

Meat, poultry and fish processing
Here leftover foods, grease, proteins and other dirt are completely removed, giving germs and bacteria no chance. Our highlight for you is the Hygiene high-pressure cleaner in stainless steel with an animal fat-resistant high-pressure hose.

Production of baked goods and confectionery
Here fine flour dust, stubborn encrustations and sticky pastry and confectionary leftovers accumulate. Our individual dust removal systems, mobile vacuum cleaners with special oven accessories as well as dry ice remove these residues and therefore solve your problems.

Production of ready meals
Different ingredients and primary products must be brought together for often complex end products. The danger of cross-contamination grows with the complexity of the process, as does the importance of professional hygiene.

Production of dairy products
In dairies, cleaning and disinfection are of the utmost importance. The end product of milk as well as the products derived from it must be protected against germs through faultless hygiene.

Production and filling of drinks
Companies in the brewing and drinks industry must ensure that their results are tasty and hygienically flawless. That is no easy task given the large quantities, high humidity, narrow pathways, large surface areas and kilometre-long pipelines.

Further processing of fruit and vegetables
Where fruit and vegetables are processed, cleaning tasks are varied. Production residues on the machines and floor, outside areas and last but not least, transport connections, place high requirements on the machines and cleaning processes.

Processing of grease and oils
Plant and animal fats and oils leave behind stubborn residues in tanks and filling stations as well as on production lines and floors. In addition to the hygiene reasons, there are also safety reasons for removing these, as they pose a slipping hazard for employees.

Industrial production of animal feed
High-quality animal feed should be produced under controlled conditions, while contamination must be reliably kept out. And suctioning vast quantities of dust, be it free-floating, sticky or wet, is a real challenge.

CLEANLINESS WITHOUT COMPROMISE

Being thorough, fulfilling hygiene requirements and time are what counts when cleaning in abattoirs. And this is no easy task given the stubborn dirt such as blood, fats and proteins.

Hygiene starts in the delivery area. Use our hot water high-pressure cleaners and 80 °C hot water here. Cleaning with hot rather than cold water at the same pressure is far more effective, as proteins, fats and oils are also removed. You achieve better cleaning results with hot water at the same pressure and save up to 35 % in working time, while also significantly reducing the amount of germs using little or no disinfectant and protecting the environment. Our hot water high-pressure cleaners can raise the water temperature to as much as 155 °C in the steam stage.

Slaughter floors and cutting rooms
Kärcher cleaning agents are made for deep cleaning, and reliably remove blood, fats and proteins. To this end, our mobile, stainless steel Hygiene high-pressure cleaner, with abrasion-resistant hose and EASY!Force Food high-pressure gun – which uses the high-pressure jet's recoil force and reduces the holding force to zero – are ideal. Using the Inno Foam Set with dual spray lance, you can apply the cleaning agent and rinse it clean with water after the contact time in a single pass. You can use our disinfectant and disinfection cleaning agent to reduce the bacterial count.

Cold storage rooms
Cleaning the cooling fins with our steam cleaners can greatly increase the efficiency and lifetime of your cold storage rooms. Our steam vacuum cleaners and steam cleaners are HACCP-certified and can often achieve first-class cleaning results without cleaning agents. The automatic self-cleaning action also prevents the formation of germs inside the machine upon completion of the work.

You can combine or equip our Hygiene and hot water high-pressure cleaners and stationary high-pressure units in many ways. For example, you can choose the blue food-grade high-pressure hoses with a non-discolouring, fat-resistant outer layer. Or clean with our Inno Foam Set and disinfect with only one lance.

Stationary high-pressure units ensure several points of use and increase efficiency. You can also clean hard-to-reach areas hygienically and without chemicals using our steam vacuum cleaners, steam cleaners and various accessory brushes.

OVERVIEW – CLEANING IN PRODUCTION PROCESSES

In the overview below, the most important cleaning solutions for cleaning meat, poultry and fish production areas are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production processes				
Slaughter floors and cutting rooms	Stationary hot water high-pressure cleaners, single-lance operation	HDS 12/14-4 ST HDS 9/14-4 ST HDS 9/16-4 ST Gas	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Stationary cold water high-pressure cleaners, multiple-lance operation	HDC Advanced HDC Standard HDC Classic		
	Stationary cold water high-pressure cleaners, single-lance operation	HD 13/12-4 ST HD 9/18-4 ST HD 7/16-4 ST		
Production machines, conveyor belts	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF		
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S I SX **HDS Middle class** HDS 9/18-4 M I MX **HDS Compact class** HDS 8/18-4 C I CX		
Hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		

Further information on cleaning production-sensitive areas, supporting areas and infrastructure can be found on page 38 onwards.

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR HIGH-PRESSURE CLEANERS

INNO FOAM SET

EASY FOAM SET WITH RM INJECTOR

FOOD-GRADE HIGH-PRESSURE HOSE

TRIGGER GUNS

ADAPTERS

CUP FOAM LANCE

NOZZLES

ADDITIONAL HANDLE

HOSE REELS

SURFACE CLEANERS

ACCESSORIES FOR STEAM VACUUM CLEANERS AND STEAM CLEANERS

MICROFIBRE CLOTH KIT

ROUND BRUSH SET

HAND NOZZLE

EXTENSION TUBES

FLOOR NOZZLE

CLEANING AGENTS

RM 57
PressurePro
Foam Cleaner, neutral

RM 732
Disinfectant Cleaner

RM 731
PressurePro Grease
and Protein Remover

RM 111
PressurePro
System Care

RM 58
PressurePro
Foam Cleaner, alkaline

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

MUCH MORE THAN SIMPLY VACUUMING

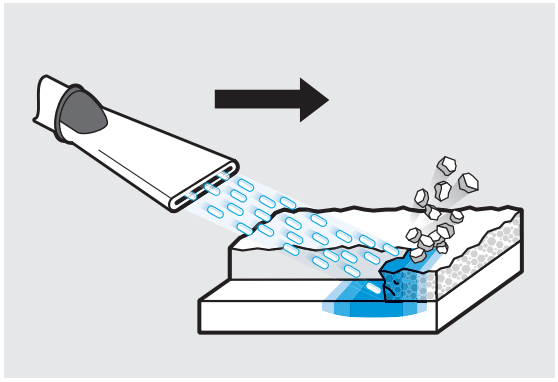
So that you can overcome various types of dirt such as fine flour and sugar dust, sticky pastry and confectionary leftovers or stubborn encrustations, we offer you the complete range of cleaning solutions in the Kärcher System.

From delivery of the raw materials right up to dispatch by vehicle. For flour silos without integrated cleaning systems, you can choose one of our modular system solutions for tank and silo cleaning, which we can adapt to your individual requirements.

Pastry and confectionary processing
Our tailor-made dust vacuuming units suck up flour and sugar dust directly at the source, meaning other units are not made dirty and your production line runs seamlessly and without any downtime. You can also use our mobile vacuum cleaner for dust classes L/M/H as well as for potentially explosive atmospheres (Zone 22).

Ovens
Thanks to our Oven Set, you no longer need to allow hot ovens to cool down before cleaning. The plastic container is acid, lye and heat-resistant.

Cleaning without water
Conveyor belts, installations with electrical components and all areas which must be dry cleaned or are a direct part of the production process can be freed of stubborn dirt with dry ice – and all without a single drop of water. No dismantling is necessary, as the process involves using compressed air to discharge pellets of carbon dioxide frozen at -79 °C. When these pellets come into contact with the surface to be cleaned, the surface will cool and the protective film will melt away. The pellets disappear quickly and you can simply vacuum up the dirt.



Trust in our specialists. We integrate our tailor-made dust removal units up to filter class H (carcinogenic dusts) individually into your manufacturing process. And you can even clean hot ovens thanks to our unique Oven Set with heat-resistant hose up to 200 °C for our wet/dry vacuum cleaners with fully automatic filter cleaning. Use our mobile vacuum cleaner anywhere you like. And for extremely powerful cleaning without water and chemicals, you have the ultimate solution in the shape of our Ice Blaster.

OVERVIEW – CLEANING IN PRODUCTION PROCESSES

In the overview below, the most important cleaning solutions for baked goods and confectionery production areas are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production processes				
Pastry and confectionary processing	Vacuum cleaners for dust classes H, M and L	**Large quantities of fine dust – H** NT 75/1 Tact Me Te H **Large quantities of fine dust – M** IVC 60/24-2 Tact M NT 55/1 Tact Te M **Fine dust – L** NT 50/1 Tact Te L NT 30/1 Tact L	Filters, nozzles, suction hoses, disposal bags, safety filter bags, accessory kits	
	Safety vacuum cleaners ATEX Zone 22	**Medium quantities of explosive fine particles** NT 75/1 Me Ec H Z22 IVC 60/30 Ap M Z22 IV 60 M B1 (Z22) **Large quantities of explosive fine particles** IVS 100/40 M Z22	Special accessories for potentially explosive areas and food-grade accessories for industrial vacuums, stainless steel accessories, PU hoses, silicone nozzles, safety filter bags	
	Stationary vacuum systems	RA 250 RA 701 D 2×5.5	Elastic nozzle, flexible nozzle with rubber tip DN 70, replacement hoses type A, filters	
	Mobile dust removers	RE 9/30 RI 334	Hoses, nozzles and filters	
Ovens	Special vacuum	NT 55/1 Tact Bs	Oven Set: electric and up to 200 °C heat-resistant DN 35 suction hose, isolated suction pipe, oven nozzles	
Areas with electrical components; areas that must be dry cleaned; hard-to-reach areas	Ice Blaster (dry ice cleaning)	**Super class** IB 15/120 **Compact class** IB 7/40 Classic/ Advanced	Pelletisers, jet gun, high-pressure and low-pressure spray nozzles, nozzle accessories, spray hose, compressed air hose, accessory kits, protective gear: safety goggles, protective gloves, ear defenders and helmet	
Production machines, conveyor belts	Stationary hot water high-pressure cleaners, single-lance operation	HDS 12/14-4 ST HDS 9/14-4 ST HDS 9/16-4 ST Gas	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 PressurePro Smoke Resin Remover RM 33 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Stationary cold water high-pressure cleaners, multiple-lance operation	HDC Advanced HDC Standard HDC Classic		
	Stationary cold water high-pressure cleaners, single-lance operation	HD 13/12-4 ST HD 9/18-4 ST HD 7/16-4 ST		
	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF		
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S I SX **HDS Middle class** HDS 9/18-4 M I MX **HDS Compact class** HDS 8/18-4 C I CX		
Hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		

Further information on cleaning production-sensitive areas, supporting areas and infrastructure can be found on page 38 onwards.

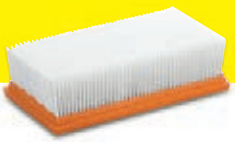
EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR VACUUM CLEANERS: QUALITY TESTED (DUST CLASSES)

FLEECE FILTER BAGS
Dust class M

FLAT PLEATED FILTER
PES



OVEN KIT

FLOOR NOZZLE
Wet/dry

MULTI-PURPOSE NOZZLE
Explosion-proof

ACCESSORIES FOR DRY ICE BLASTERS

PELLETISER

HIGH-PRESSURE SPRAY NOZZLE

SAFETY GOGGLES AND GLOVES

HEARING PROTECTION

PROTECTIVE OVERALL

ACCESSORIES FOR STATIONARY SUCTION UNITS AND MOBILE DUST REMOVERS

HOSES

NOZZLES

FILTERS

FLOOR NOZZLE

SUCTION PIPES

CLEANING AGENTS

RM 33
PressurePro
Smoke Resin Remover

RM 735
Disinfectant

RM 31 / eco!efficiency
PressurePro Oil and
Grease Cleaner Extra

RM 110
PressurePro
System Care

RM 58
PressurePro
Foam Cleaner, alkaline

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

CLEANLINESS IS ESSENTIAL.

Ready meals are complex recipes for which the cleanliness and hygiene requirements are very high during production.

When producing ready meals, raw materials and ingredients with the most diverse properties are combined. The danger of cross-contamination grows with the complexity of this process, which you can only prevent through optimal cleanliness and hygiene. For the reliable removal of large quantities of dirt from conveyor belts, production systems and floors, our powerful wet/dry vacuum cleaners with two motors, stainless steel containers and electronic filling level monitoring are ideal. You can also use our Hygiene high-pressure cleaners in rustproof stainless steel, which are resistant to hot water up to 85 °C and have two detergent tanks with rinsing functions. All brass parts coming into contact with water are food safe.

Spotless surface areas

Large surfaces can be cleaned economically and efficiently with our individually adjustable vacuum sweepers and scrubber driers in various sizes and models. Our ride-on vacuum sweepers with Tact automatic filter cleaning achieve optimal cleaning results. The roller brush on the rear axle ensures that high kerbs can be driven over easily. And our step-on or ride-on scrubber driers not only save time, thanks to automatic fresh water filling, but also significant amounts of cleaning agent thanks to Dose, the precise, consistent cleaning agent dosing unit which is adjustable from 0 to 3%.

The robust wet/dry vacuum cleaner is ideal for large dirt volumes and is easy to empty thanks to the tilting chassis. Vacuumed liquids can be easily emptied via a drain hose. For thorough wet cleaning, our Hygiene high-pressure cleaners are perfect for the job, as they are approved for chlorinated cleaning agents. The robust, compact and manoeuvrable vacuum sweepers and scrubber driers allow you to clean in comfort and save time.

OVERVIEW – CLEANING IN PRODUCTION PROCESSES

In the overview below, the most important cleaning solutions for cleaning ready meal production areas are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production processes				
Production and processing of pastry	Stationary vacuum systems	RA 250 RA 701 D 2×5.5	Elastic nozzle, flexible nozzle with rubber tip DN 70, replacement hoses type A, filters	
	Mobile dust removers	RE 9/30 RI 334	PU hoses, silicone nozzles, filters	
	Vacuum cleaners	**IV Super class** IVS 100/55 M	Stainless steel accessory, PU hoses, silicone nozzles	
Ovens	Special vacuums	NT 55/1 Tact Bs	Oven Set: electric and up to 200 °C heat-resistant DN 35 suction hose, isolated suction pipe, oven nozzles	
Production machines, conveyor belts	Vacuum cleaners	**Tact class** NT 75/2 Tact² Me Tc **Standard class** NT 27/1 Me Adv NT 70/2 Me **Classic range** NT 30/1 Me Classic **Special vacuums** NT 75/1 Me Ec H Z22 NT 55/1 Tact BS	Filters, nozzles, suction hoses, disposal bags, accessory kits	
		IV Compact class IVC 60/24-2 Tact² M **IV Super class** IVS 100/55 M **Ex vacuums** IVC 60/30 Ap M Z22 IVS 100/40 M Z22	Stainless steel accessory, PU hoses, silicone nozzles	
	Stationary hot water high-pressure cleaners, single-lance operation	HDS 12/14-4 ST HDS 9/14-4 ST HDS 9/16-4 ST Gas	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 PressurePro Smoke Resin Remover RM 33 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Stationary cold water high-pressure cleaners, multiple-lance operation	HDC Advanced HDC Standard HDC Classic		
	Stationary cold water high-pressure cleaners, single-lance operation	HD 13/12-4 ST HD 9/18-4 ST HD 7/16-4 ST		
	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF		
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S I SX **HDS Middle class** HDS 9/18-4 M I MX **HDS Compact class** HDS 8/18-4 C I CX		
Hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		
Areas with electrical components; areas that must be dry cleaned; hard-to-reach areas	Ice Blaster (dry ice cleaning)	**Super class** IB 15/120 **Compact class** IB 7/40 Classic/ Advanced	Pelletiser, jet gun, high-pressure and low-pressure spray nozzles, nozzle accessories, spray hose, compressed air hose, accessory kits, protective gear: safety goggles, protective gloves, ear defenders and helmet	

Further information on cleaning production-sensitive areas, supporting areas and infrastructure can be found on page 38 onwards.

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

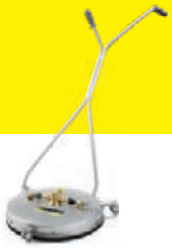
ACCESSORIES FOR HIGH-PRESSURE CLEANERS

TRIGGER GUNS

FOOD-GRADE HIGH-PRESSURE HOSE

EASY FOAM SET WITH RM INJECTOR

SURFACE CLEANERS



NOZZLES

ACCESSORIES FOR VACUUM CLEANERS: QUALITY TESTED (DUST CLASSES)

FILTER BAGS

FLAT PLEATED FILTER
PES

CONTAINER

NOZZLES

HOSES

ACCESSORIES FOR STEAM VACUUM CLEANERS AND STEAM CLEANERS

MICROFIBRE CLOTH KIT

ROUND BRUSH SET

HAND NOZZLE

EXTENSION TUBES

FLOOR NOZZLE

CLEANING AGENTS

RM 754
FloorPro
All-round Deep Cleaner

RM 69
FloorPro
Floor Precleaner

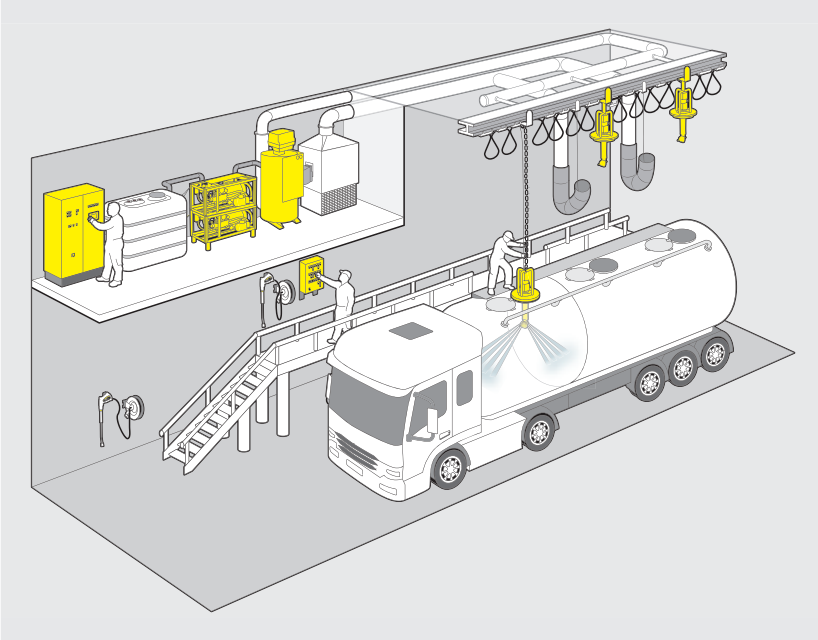
RM 59
PressurePro
Foam Cleaner, acidic

RM 732
Disinfectant Cleaner

RM 31
PressurePro Oil and
Grease Cleaner Extra

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

HYGIENIC AND GERM-FREE



Dairy products are particularly susceptible to contamination. Professional cleaning and disinfection are indispensable in all areas in dairies.

Ensure cleanliness and hygiene with our system solutions for the professional, complete cleaning of milk tankers, with the outside being cleaned by commercial vehicle washes with specific cleaning agents and environmentally friendly water treatment systems. Our TB commercial vehicle wash is reliable, economical and flexible, while the system offers you durable, low-maintenance technology, unlimited modularity and easy operation. For interior cleaning, you have at your disposal our modular system with customer-specific spray heads and subsequent drying, thus reducing your cleaning time and downtime.

No spot is left untouched

Our high-pressure pump and rotating pipe cleaning nozzle system is the ideal fit for pipelines. With our white Hygiene high-pressure cleaner and accompanying accessories, such as the Inno Foam Set, cleaning and disinfecting your production systems are quick and effective. And using a curved high-pressure lance, you can remove dirt, for example from pipes on the ceiling, with ease. To remove water and lime residue from underneath machines and from hard-to-reach areas, the flat Surface Cleaner with suction fits the bill, cleaning surfaces quickly without splashing and automatically vacuuming the dirty water.

You require perfect cleaning machines in all areas of the milk process. Our specialist scrubber driers with roller brush head – which is rotatable up to +/– 200° (KART technology) – are extremely manoeuvrable and ideally suited to well-used surfaces in storage and production. If required, you can also clean in reverse.

During the production of milk powder, you are on the safe side with our explosion-proof industrial vacuum cleaner, which we have developed especially for fine dusts in food production areas (dust class H, ATEX Zone 22).

OVERVIEW – CLEANING IN PRODUCTION PROCESSES

In the overview below, the most important cleaning solutions for cleaning dairy product production areas are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production processes				
Milk powder production	Vacuum cleaners	**Special vacuums** NT 75/1 Me Ec H Z22 **Compact class** IVC 60/12-1 Ec H Z22	Nozzles, suction hoses, disposal bags (safety filter bags), accessory kits	
	Mobile dust removers	RE 9/30 RI 334	Hoses, nozzles and filters	
Production machines, conveyor belts	Vacuum cleaners	**IV Liquid vacuum cleaners** IVL 50/24-2 IVR-L 100 Me IVR-L 120 Me **Compact class** IVC 60/30	Stainless steel accessory, PU hoses, silicone nozzles	
Pipelines and containers	Stationary hot water high-pressure cleaners, single-lance operation	HDS 12/14-4 ST HDS 9/14-4 ST HDS 9/16-4 ST Gas	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Stationary cold water high-pressure cleaners, multiple-lance operation	HDC Advanced HDC Standard HDC Classic		
	Stationary cold water high-pressure cleaners, single-lance operation	HD 13/12-4 ST HD 9/18-4 ST HD 7/16-4 ST		
	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF		
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S I SX **HDS Middle class** HDS 9/18-4 M I MX **HDS Compact class** HDS 8/18-4 C I CX		
Interior cleaning of pipes	High-pressure cleaners	HD/HDS	10/20/30-metre pipe cleaning hose in combination with pipe cleaning dirt blaster, pipe cleaning nozzle or rotating pipe cleaning nozzle	
Hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		
Areas with electrical components; areas that must be dry cleaned; hard-to-reach areas	Ice Blaster (dry ice cleaning)	**Super class** IB 15/120 **Compact class** IB 7/40 Classic/ Advanced	Pelletiser, jet gun, high-pressure and low-pressure spray nozzles, nozzle accessories, spray hose, compressed air hose, accessory kits, protective gear: safety goggles, protective gloves, ear defenders and helmet	

Further information on cleaning production-sensitive areas, supporting areas and infrastructure can be found on page 38 onwards.

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR HIGH-PRESSURE CLEANERS

INNO FOAM SET

SPRAY LANCES

FOOD-GRADE HIGH-PRESSURE HOSE

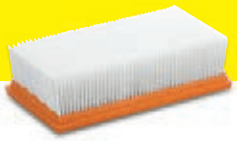
TRIGGER GUNS

ADAPTERS

ACCESSORIES FOR VACUUM CLEANERS: QUALITY TESTED (DUST CLASSES)

FLEECE FILTER BAGS
Dust class M

FLAT PLEATED FILTER
PES



HOSES

NOZZLES

ALL-PURPOSE NOZZLE
Explosion-proof

ACCESSORIES FOR MODULAR SYSTEM SOLUTIONS FOR CONTAINER CLEANING

HIGH-PRESSURE PUMPS

INTERIOR CLEANING HEADS

HOT WATER GENERATORS

CONTROLS

EQUIPMENT

CLEANING AGENTS

RM 750
Intensive Basic Cleaning Agent

RM 875
TankPro Cleaner, alkaline

RM 731
PressurePro Grease and Protein Remover

RM 735
Disinfectant

RM 58
PressurePro Foam Cleaner, alkaline

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

REFRESHING CLEANLINESS

In order to produce drinks of a consistent quality and impeccable taste, cleaning must be optimally carried out in the manufacturing process.

Using our ride-on vacuum sweepers with sweeping crescent side brushes, you can protect goods in outside and storage areas against dirt. Large areas and corners can be swept with ease and in no time in only a few passes. Further advantages are offered in the shape of electrohydraulic high container emptying, fully automatic Tact filter cleaning for virtually dust-free cleaning, and the Kärcher Intelligent Key System, which allows you to assign different rights to different users. Tanks, containers and pipelines can be cleaned with our mobile high-pressure cleaners as well as our stationary high-pressure units with several points of use. Stationary high-pressure units can be made ready to use any time at the push of a button, without set-up times and without having to transport mobile machines. And with accessories such as the pipe cleaning hose and nozzle, pipes are clean inside and out. The hose works its way through the pipe using the pipe cleaning nozzle, with four nozzles set at a 30° angle.

Deep cleaning with steam

High humidity in the drinks production process encourages the formation of mould. By cleaning critical areas with our steam cleaners, you can achieve effective disinfection entirely without chemicals – as certified by an independent laboratory. Our stainless steel Surface Cleaner with automatic dirty water suction also allows you to clean walls with hot water up to 85 °C. For narrow corridors and storage areas, our fully configurable scrubber driers are available – brush heads, squeegees, mains or battery operation and additional equipment details can be added according to your requirements.

Stationary high-pressure units for cold and hot water operation offer you several points of use as well as safety from being installed in a protected area. Mobile steam cleaners with the two water tank system allow uninterrupted work, while floor nozzles for abrasive and hygienic cleaning achieve a perfect state of cleanliness. Scrubber driers with Auto-Fill-In stop filling automatically when the tank is full. The KIK System with colour-coded keys increases availability and reduces service costs.

OVERVIEW – CLEANING IN PRODUCTION PROCESSES

In the overview below, the most important cleaning solutions for cleaning drinks production areas are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production processes				
Exterior cleaning of containers	Stationary hot water high-pressure cleaners, single-lance operation	HDS 12/14-4 ST HDS 9/14-4 ST HDS 9/16-4 ST Gas	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Stationary cold water high-pressure cleaners, multiple-lance operation	HDC Advanced HDC Standard HDC Classic		
	Stationary cold water high-pressure cleaners, single-lance operation	HD 13/12-4 ST HD 9/18-4 ST HD 7/16-4 ST		
	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF		
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S I SX **HDS Middle class** HDS 9/18-4 M I MX **HDS Compact class** HDS 8/18-4 C I CX		
Interior cleaning of pipes	High-pressure cleaners	HD/HDS	**Pipe cleaning** 10/20/30-metre pipe cleaning hose in combination with pipe cleaning dirt blaster, pipe cleaning nozzle or rotating pipe cleaning nozzle	
Tanks	Container cleaning	Customer-specific system solutions based on modular components	**Customer-specific accessories** High-pressure pumps Interior cleaning heads Hot water generators Customer-specific controls	**Cleaning agents for container cleaning** TankPro Cleaner, acidic RM 870 TankPro Cleaner, alkaline RM 875 TankPro Cleaner, polymer RM 880
Hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		
Production machines, conveyor belts	Vacuum cleaners	**Standard class** NT 70/2 Me **Classic range** NT 50/1 Me Classic **Compact class** IVC 60/30	Filters, nozzles, hoses, disposal bags, accessory kits	
		IV Liquid vacuum cleaners IVL 50/24-2 IVR-L 100/24-2 Me IVR-L 120 Me	Stainless steel accessory, PU hoses, silicone nozzles	

Further information on cleaning production-sensitive areas, supporting areas and infrastructure can be found on page 38 onwards.

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR STEAM VACUUM CLEANERS AND STEAM CLEANERS

MICROFIBRE CLOTH KIT

ROUND BRUSH SET

HAND NOZZLE

EXTENSION TUBES

FLOOR NOZZLE

ACCESSORIES FOR HIGH-PRESSURE CLEANERS

ADAPTERS

CUP FOAM LANCE

INNO FOAM SET

EASY FOAM SET WITH RM INJECTOR

HOSE REELS

ACCESSORIES FOR MODULAR SYSTEM SOLUTIONS FOR CONTAINER CLEANING

HIGH-PRESSURE PUMPS

FOLDING INTERIOR CLEANER

HOT WATER GENERATORS

CONTROLS

EQUIPMENT

CLEANING AGENTS

RM 870
TankPro Cleaner, acidic

RM 875
TankPro Cleaner, alkaline

RM 743
FloorPro Universal Cleaner

RM 59
PressurePro Foam Cleaner, acidic

RM 734
Disinfectant Cleaner, foaming

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

CLEAN AS A WHISTLE

When processing fruit and vegetables, avoiding cross-contamination, grime and corrosion are essential cleaning tasks.

Natural products often bring dirt in during delivery, but with our individually configurable machine carriers you can clean outside areas quickly and thoroughly. The toolless quick-change system for a variety of implements allows you to convert your sweeper for mowing the grass or winter service in no time at all. In interior areas you can use our manoeuvrable ride-on scrubber driers for floor cleaning, with a V-shape squeegee blade ensuring any dirt is removed. What's more, you achieve even better hygiene with the optional tank rinsing system, and see water savings of up to 70 % compared with cleaning with a water hose.

Hygiene in production and filling

Clean and disinfect your production systems quickly and effectively with our white Hygiene high-pressure cleaner with integrated hose reel, food-grade high-pressure hose, grey, robust wheels and accessories suited to the task. You can choose between high-pressure point stream, high-pressure flat stream (25°) and low-pressure flat stream (40°). The low-pressure flat stream (40°) is used for applying cleaning agent, while the cup foam lance is the right accessory for cleaning production systems. Our barrel cleaner offers a modular system with cleaning heads for up to 200 bar operating pressure, water temperatures up to 90 °C and alkaline or acidic cleaning agents for the cleaning of barrels, stainless steel containers and intermediate bulk containers. Large quantities of fruit and vegetable waste can be easily cleared with our wet/dry vacuum cleaners, and liquids can be thoroughly picked up using the wide nozzle. Finally, you can empty the container with ease thanks to the drain hose.

Our range of implement carriers offers you a comfortable cabin with an all-round view, heating and many optional extras such as air conditioning and implements for any task. Ride-on scrubber driers with eco!efficiency mode reduce water and energy consumption as well as the noise level. The FACT function allows needs-based adjustment of the brush speed to one of three levels. EASY Operation and the colour-coded control elements make controlling the machine extremely easy.

OVERVIEW – CLEANING IN PRODUCTION PROCESSES

In the overview below, the most important cleaning solutions for cleaning fruit and vegetable processing areas are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production processes				
Production machines, conveyor belts	Stationary hot water high-pressure cleaners, single-lance operation	HDS 12/14-4 ST HDS 9/14-4 ST HDS 9/16-4 ST Gas	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Stationary cold water high-pressure cleaner, multiple-lance operation	HDC Advanced HDC Standard HDC Classic		
	Stationary cold water high-pressure cleaners, single-lance operation	HD 13/12-4 ST HD 9/18-4 ST HD 7/16-4 ST		
	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF		
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S I SX **HDS Middle class** HDS 9/18-4 M I MX **HDS Compact class** HDS 8/18-4 C I CX		
	Vacuum cleaners	**Tact class** NT 75/2 Tact² Me Tc **Standard class** NT 27/1 Me Adv NT 70/2 Me **Classic range** NT 30/1 Me Classic **Special vacuums** NT 75/1 Me Ec H Z22	Filters, nozzles, suction hoses, disposal bags, accessory kits	
		IV Compact class IVC 60/24-2 Tact² M **IV Super class** IVS 100/55 M **Ex vacuums** IVC 60/30 Ap M Z22 IVS 100/40 M Z22	Stainless steel accessory, PU hoses, silicone nozzles	
	Stationary vacuum systems	RA 250 RA 701 D 2×5.5	Elastic nozzle, flexible nozzle with rubber tip DN 70, replacement hoses type A, filter	
	Mobile dust remover	RI 334	Hoses, nozzles and filters	
Tank	Container cleaning	Customer-specific system solutions based on modular components	**Customer-specific accessories** High-pressure pumps Interior cleaning heads Hot water generators Customer-specific controls	**Cleaning agents for container cleaning** TankPro Cleaner, acidic RM 870 TankPro Cleaner, alkaline RM 875 TankPro Cleaner, polymer RM 880
Areas with electrical components; areas that must be dry cleaned; hard-to-reach areas	Ice Blaster (dry ice cleaning)	**Super class** IB 15/120 **Compact class** IB 7/40 Classic/ Advanced	Pelletiser, jet gun, high-pressure and low-pressure spray nozzles, nozzle accessories, spray hose, compressed air hose, accessory kits, protective gear: safety goggles, protective gloves, ear defenders and helmet	
Hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		

Further information on cleaning production-sensitive areas, supporting areas and infrastructure can be found on page 38 onwards.

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR VACUUM CLEANERS: QUALITY TESTED (DUST CLASSES)

FILTER BAGS

FLAT PLEATED FILTER
PES

CONTAINER

NOZZLES

HOSES

ACCESSORIES FOR MODULAR SYSTEM SOLUTIONS FOR CONTAINER CLEANING

HIGH-PRESSURE PUMPS

INTERIOR CLEANING HEADS

HOT WATER GENERATORS

CONTROLS

EQUIPMENT

ACCESSORIES FOR HIGH-PRESSURE CLEANERS

INNO FOAM SET

CUP FOAM LANCE

FOOD-GRADE HIGH-PRESSURE HOSE

TRIGGER GUNS

ADAPTERS

CLEANING AGENTS

RM 57
PressurePro
Foam Cleaner, neutral

RM 753
FloorPro
Fine Stone Cleaner

RM 25
PressurePro
Active Cleaner, acidic

RM 101
PressurePro
Descaling Acid

RM 875
TankPro Cleaner,
alkaline

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

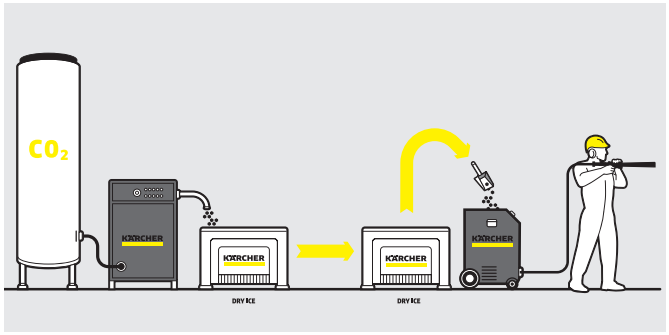
HOT SOLUTION AGAINST OIL AND GREASE

Grease and oils are stubborn residues due to their consistency and staying power.
We provide you with the solutions for residue-free removal.

Using hot water gives instantly measurable results, softening congealed oil and grease and improving emulsification, making them very easy to remove. Cleaning agents are largely a thing of the past. Where required, the combination of our cleaning agent and the precise cleaning agent dosing unit with rinsing function ensure consumption is kept to a minimum. In addition, the proven germ reduction step follows cleaning with hot water, which also meets many hygiene requirements without disinfectant. The significantly quicker dirt loosening gives you a time saving of up to 35 %. Our stationary and mobile hot water high-pressure cleaners are fitted with innovative burner engineering for high heating output and are extremely user-friendly, with the best example being the infinitely variable water pressure and water flow regulation with Servo Control on the high-pressure lance. For the cleaning of production systems and conveyor belts, our stationary hot water high-pressure units with very high heating output are the most efficient solution. An automatic stainless steel hose reel on the point of use allows you to reach any area to be cleaned.

Powerful cleaning with easy operation
Yet stubborn dirt can also be removed by the cold – our Dry Ice Blaster uses dry ice pellets formed from carbon dioxide frozen at -79 °C. The result is perfect cleanliness.

And when it comes to vacuuming large amounts of fluids, it is best to use our high-quality industrial vacuum with an easy-to-clean stainless steel container.



If you need to remove stubborn dirt in a thorough but gentle manner and without water or chemicals, you can achieve optimal results with our dry ice blasters. Our oil vacuum cleaner with tilting chassis, 360° suction connection, oil-resistant castors and cables are compact, robust industrial machines with large capacities. And thanks to the low clearance height, our compact scrubber driers allow you to reach almost every nook and cranny. Simply remove the tank if the access route is extremely low.

OVERVIEW – CLEANING IN PRODUCTION PROCESSES

In the overview below, the most important cleaning solutions for cleaning grease and oil processing areas are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production processes				
Production machines, conveyor belts	Vacuum cleaners	**Standard class** NT 70/2 Me **Classic range** NT 50/1 Me Classic **Compact class** IVC 60/30	Filters, nozzles, oil-resistant suction hose, disposal bags, accessory kits	
		IV Liquid vacuum cleaners IVL 50/24-2 IVR-L 100/24-2 Me IVR-L 120 Me	Stainless steel accessory, PU hoses, silicone nozzles	
	Stationary hot water high-pressure cleaners, single-lance operation	HDS 12/14-4 ST HDS 9/14-4 ST HDS 9/16-4 ST Gas	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 PressurePro Smoke Resin Remover RM 33 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S I SX **HDS Middle class** HDS 9/18-4 M I MX **HDS Compact class** HDS 8/18-4 C I CX		
Interior cleaning of pipes	High-pressure cleaners	HD/HDS	10/20/30-metre pipe cleaning hose in combination with pipe cleaning dirt blaster, pipe cleaning nozzle or rotating pipe cleaning nozzle	
Hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		
Areas with electrical components; areas that must be dry cleaned; hard-to-reach areas	Ice Blaster (dry ice cleaning)	**Super class** IB 15/120 **Compact class** IB 7/40 Classic/ Advanced	Pelletiser, jet gun, high-pressure and low-pressure spray nozzles, nozzle accessories, spray hose, compressed air hose, accessory kits, protective gear: safety goggles, protective gloves, ear defenders and helmet	

Further information on cleaning production-sensitive areas, supporting areas and infrastructure can be found on page 38 onwards.

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR STEAM VACUUM CLEANERS AND STEAM CLEANERS

MICROFIBRE CLOTH KIT

ROUND BRUSH SET

HAND NOZZLE

EXTENSION TUBES

FLOOR NOZZLE

ACCESSORIES FOR DRY ICE BLASTERS

PELLETISER

HIGH-PRESSURE SPRAY NOZZLES

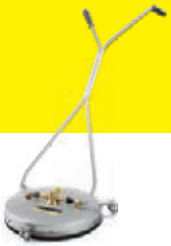
SAFETY GOGGLES AND GLOVES

HEARING PROTECTION

PROTECTIVE OVERALL

ACCESSORIES FOR HIGH-PRESSURE CLEANERS

SURFACE CLEANERS



INNO FOAM SET

FOOD-GRADE HIGH-PRESSURE HOSE

TRIGGER GUNS

HOSE REELS

CLEANING AGENTS

RM 731
PressurePro Grease and Protein Remover

RM 31 /-eco!efficiency
PressurePro Oil and Grease Cleaner Extra

RM 58
PressurePro Foam Cleaner, alkaline

RM 750
Intensive Basic Cleaning Agent

RM 25
PressurePro Active Cleaner, acidic

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

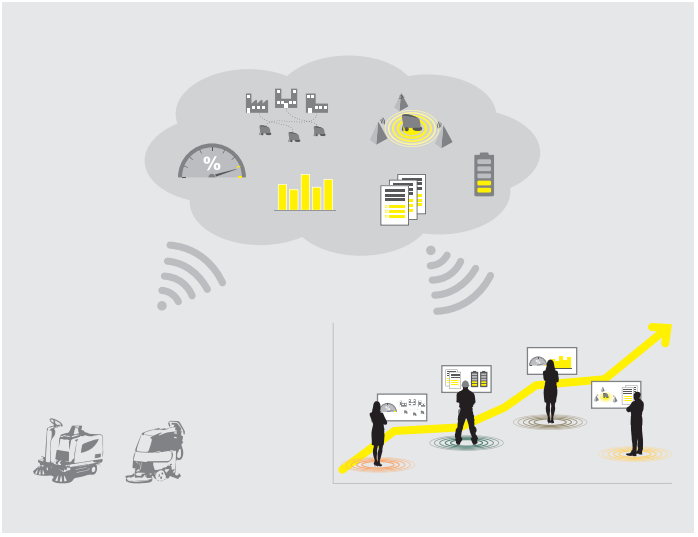
CLEAN FEED FOR ALL ANIMALS

The manufacture of high-quality feed for working animals and pets sets high requirements with regard to cleanliness and hygiene in production.

Large quantities of dust – be they dry, sticky or wet – are released during the production of dry feed. If needed for mobile use, our industrial vacuum cleaners with stainless steel container mean you are well prepared. For example, our stationary dust removal and extraction systems with static dissipative hoses and various nozzles are tried and tested, allowing you to remove vast amounts of dust quickly, even during shift operation. You can also clean silos and tanks hygienically using our modular system solutions configured according to your needs. Our components can be combined as desired: interior cleaning heads, high-pressure pumps, hot water generators, controls, accessories and cleaning agents.

Online fleet management in real time
With Kärcher Fleet, you have the latest in fleet management technology for cleaning machines and can optimise the efficiency and lifetime of your equipment. Our machines are also compatible with products from other manufacturers.

Healthy working conditions
Due to the often hot and dry air in production areas, your employees must drink regularly. Our configurable WPD water dispensers make five different hygienic, food-grade water types available: still water, ambient or chilled carbonated water, hot or extra hot.



Our dust removal systems can certainly suction very large quantities of dust, while at the same time remaining very quiet and economical. Stationary extraction systems: tailor-made solutions, including the pipework.

The configurable WPD water dispenser: annual filter replacement, fully automatic thermal disinfection. Our ride-on vacuum sweepers impress thanks to their compactness, manoeuvrability and high level of comfort.

OVERVIEW – CLEANING IN PRODUCTION PROCESSES

In the overview below, the most important cleaning solutions for cleaning animal feed production areas are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production processes				
Dry feed on conveyor belts	Stationary vacuum systems	RA 250 RA 701 D 2×5.5	Elastic nozzle, flexible nozzle with rubber tip DN 70, replacement hoses type A, filter	
	Mobile dust removers	RE 9/30 RI 334	Hoses, nozzles and filters	
Production machines	Vacuum cleaners	**Tact class** NT 75/2 Tact² Me Tc **Standard class** NT 27/1 Me Adv NT 70/2 Me **Classic range** NT 30/1 Me Classic **Special vacuums** NT 75/1 Me Ec H Z22	Filters, nozzles, suction hoses, disposal bags, accessory kits	
		IV Compact class IVC 60/24-2 Tact² M **IV Super class** IVS 100/55 M **Ex vacuums** IVC 60/30 Ap M Z22 IVS 100/40 M Z22	Stainless steel accessory, PU hoses, silicone nozzles	
Areas with electrical components; areas that must be dry cleaned; hard-to-reach areas	Ice Blaster (dry ice cleaning)	**Super class** IB 15/120 **Compact class** IB 7/40 Classic/ Advanced	Pelletiser, jet gun, high-pressure and low-pressure spray nozzles, nozzle accessories, spray hose, compressed air hose, accessory kits, protective gear: safety goggles, protective gloves, ear defenders and helmet	
Conveyor belts	Stationary hot water high-pressure cleaners, single-lance operation	HDS 12/14-4 ST HDS 9/14-4 ST HDS 9/16-4 ST Gas	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Stationary cold water high-pressure cleaners, multiple-lance operation	HDC Advanced HDC Standard HDC Classic		
	Stationary cold water high-pressure cleaners, single-lance operation	HD 13/12-4 ST HD 9/18-4 ST HD 7/16-4 ST		
	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF		
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S I SX **HDS Middle class** HDS 9/18-4 M I MX **HDS Compact class** HDS 8/18-4 C I CX		
Hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		

Further information on cleaning production-sensitive areas, supporting areas and infrastructure can be found on page 38 onwards.

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR VACUUM CLEANERS: QUALITY TESTED (DUST CLASSES)

FILTER BAGS

FLAT PLEATED FILTER
PES

CONTAINER

NOZZLES

HOSES

ACCESSORIES FOR STATIONARY SUCTION UNITS AND MOBILE DUST REMOVERS

HOSES

NOZZLES

FILTERS

FLOOR NOZZLE

SUCTION PIPES

ACCESSORIES FOR DRY ICE BLASTERS

PELLETISER

HIGH-PRESSURE SPRAY NOZZLES

SAFETY GOGGLES AND GLOVES

HEARING PROTECTION

PROTECTIVE OVERALLS

REINIGUNGSMITTEL

RM 753
FloorPro
Fine Stone Cleaner

RM 110
PressurePro
System Care

RM 732
Disinfectant Cleaner

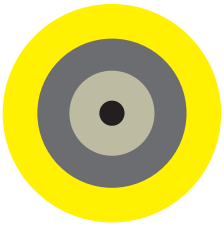
RM 31 /-eco!efficiency
PressurePro Oil and
Grease Cleaner Extra

RM 750
Intensive Deep Cleaner

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

THE FOOD INDUSTRY HAS 4 CLEANING AREAS.

Based on our analysis of the cleaning requirements, we have divided the food industry into four cleaning circles which seamlessly interact with one another.



Everything revolves around cleanliness
The cleaning requirements of the three outermost areas are similar for all eight sectors of the food industry. Yet cleaning in production differs greatly depending on the raw materials processed. The innermost area is cleaning directly in the production area. This is of the utmost importance, as cleanliness and hygiene are particularly crucial here. Production machines, conveyor belts and ovens should be cleaned several times a day, for example with dust removal units or industrial vacuums.

The second circle is the cleaning of production-sensitive areas, such as floors in the production area and containers. Here, too, our scrubbers, scrubber driers and modular system solutions for tank and silo cleaning take care of cleanliness.

The third circle concerns the cleaning of areas supporting production, such as tanks, cold storage rooms and dispatch areas. Here you can use our mobile and stationary high-pressure cleaners, commercial vehicle washes and modular system solutions for tank and silo cleaning to achieve impressive results with outstanding efficiency.

The fourth circle revolves around cleaning the infrastructure, which includes outside areas such as pavements, car parks and green spaces. These surfaces can be optimally cleaned and maintained using our sweepers, vacuum sweepers or implement carriers. And when it comes to cleaning the inner areas of maintenance buildings, such as offices and communal areas, our vacuum cleaners and manual cleaning equipment are fit for purpose.

CLEANING IN PRODUCTION PROCESSES
- Production machines
- Conveyor belts
- Sensitive or hard-to-reach areas
- Ovens
- Interior cleaning of pipes
- Containers, tanks

CLEANING IN PRODUCTION-SENSITIVE AREAS
- Floors in production areas
- Sensitive or hard-to-reach areas
- Crevices
- Walls and incoming pipes
- Containers

CLEANING OF AREAS SUPPORTING PRODUCTION
- Delivery areas
- Outer and interior cleaning of trucks
- Tanks, silos and tankers
- Cold storage rooms
- Packaging area and storage

CLEANING THE INFRASTRUCTURE
Outside areas
- Access roads, paths, loading areas, car parks
- Green spaces
- Maintenance buildings
- Office and communal areas
- Canteens, shops
- Toilets and washrooms

Inside areas
- Maintenance buildings
- Office and communal areas
- Canteens, shops
- Toilets and washrooms

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OVERVIEW – PRODUCTION-SENSITIVE AREAS

In the overview below, the most important cleaning solutions for cleaning production-sensitive areas are shown by way of example. These recommendations are only a small sample from our extensive product portfolio.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning in production-sensitive areas				
Floors in production areas (paths, corridors)	Scrubbers/ scrubber driers (configurable ex factory)	**Ride-on scrubber driers** B 300 R I, B 250 R, B 200 R, B 150 R, B 90 R, BD 50/70 R **Step-on scrubber driers** B 95 RS, BD 50/40 RS, BR 55/40 RS **Walk-behind scrubber driers** B 120 W, B 80 W, B 60 W, B 40 W, BRS 40/1000 C, BR 40/10 C Adv, BR 35/12 C	Brush heads, roller brushes, pad roller shafts, roller pads, microfibre rollers, disc brushes, pad drive boards, pads, squeegees, suction lips, attachment kits, batteries, battery chargers, Kärcher Fleet	**Deep cleaning** FloorPro Intensive Deep Cleaner Extra RM 752 Intensive Deep Cleaner RM 750 FloorPro Deep Cleaner RM 69 eco!efficiency FloorPro Deep Cleaner RM 69 FloorPro Deep Cleaner, acidic RM 751
	Vacuum cleaners	**NT Standard class** NT 70/2, NT 27/1 Adv **IV Compact class** IVC 60/24-2 Ap	Filters, nozzles, (floor/wide nozzle for vacuuming larger surface areas), suction hoses, disposal bags, accessory kits	
Floors underneath pipes or production machines	Hygiene high-pressure cleaners	HD 10/15-4 Cage Food HD 7/10 CXF	**Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Dirt blaster**	**Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, neutral RM 55 PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750
Areas with electrical components; areas that must be dry cleaned; hard-to-reach areas	Ice Blaster (dry ice cleaning)	**Super class** IB 15/120 **Compact class** IB 7/40 Classic/Advanced	Pelletiser, jet gun, high-pressure and low-pressure spray nozzles, nozzle accessories, spray hose, compressed air hose, accessory kits, protective gear: safety goggles, protective gloves, ear defenders and helmet	
Crevices or hard-to-reach areas	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		
Walls, incoming pipes	Hygiene high-pressure cleaners	HD 10/15-4 Cage Food HD 7/10 CXF	**Spray guns** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750
Container interiors (barrels, IB containers, ISO containers)	Container cleaning	Customer-specific system solutions based on modular components Barrel Cleaner BC 14/12 C Brass spray head HKF 50	**Customer-specific accessories** High-pressure pumps Interior cleaning heads Hot water generators Customer-specific controls	**Cleaning agents for container cleaning** TankPro Cleaner, acidic RM 870 TankPro Cleaner, alkaline RM 875 TankPro Cleaner, polymer RM 880
Healthy working conditions	Water dispensers (configurable ex factory)	WPD 100 WPD 200 WPD 600	CO_2 bottles, filter combination, water types, electronic equipment, Kärcher Fleet, service packages, table/stand-alone unit, hygienic cleaning: chemical/thermal, drip tray draining, drinking accessories, cup dispenser, overflow protection water block	**Disinfectants** Disinfectant RM 735 Bevi tablets

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

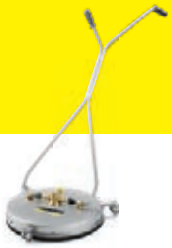
ACCESSORIES FOR HIGH-PRESSURE CLEANERS

TRIGGER GUNS

FOOD-GRADE HIGH-PRESSURE HOSE

SPRAY LANCES

SURFACE CLEANERS



NOZZLES

ACCESSORIES FOR VACUUM CLEANERS: QUALITY TESTED (DUST CLASSES)

FILTER BAGS

FLAT PLEATED FILTER
PES

CONTAINER

NOZZLES

HOSES

ACCESSORIES FOR SCRUBBER DRIERS

ROLLER BRUSHES

PADS

DISC BRUSHES

SQUEEGEES, SUCTION LIPS

EQUIPMENT

CLEANING AGENTS

RM 752
FloorPro Intensive Deep Cleaner Extra

RM 69
FloorPro Deep Cleaner

RM 751
FloorPro Deep Cleaner, acidic

RM 732
Disinfectant Cleaner

RM 25
PressurePro Active Cleaner, acidic

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

OVERVIEW – AREAS SUPPORTING PRODUCTION

In the overview below, the most important cleaning solutions for cleaning areas supporting production in food processing are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning of areas supporting production				
Delivery areas (walls, floors, boxes), cleaning areas, storage rooms	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 S | SX **HDS Middle class** HDS 9/18-4 M | MX **HDS Compact class** HDS 8/18-4 C | CX	**Spray gun** EASY!Force Food **Food-grade high-pressure hoses** Grey food-grade hoses with a non-marking outer cover, blue long-life, food-grade hoses with a non-marking outer cover and resistant to animal fats **Attachment kits for cleaning agents** Inno Foam Set, Easy Foam Set, cup foam lance, cleaning agent injectors **Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Nozzles** Power nozzles, triple nozzles, rotary nozzles **Spray lances** Flexible steel pipe, rotatable steel pipe **Protective gear** Safety goggles, protective gloves, ear defenders, helmet and work overalls **Additional handle**	**Foam cleaner** The stable foam blanket permits long contact times for effective cleaning on vertical surfaces: PressurePro Foam Cleaner, neutral RM 57 PressurePro Foam Cleaner, alkaline RM 58 PressurePro Foam Cleaner, acidic RM 59 **Disinfectant cleaner/agent** Disinfectant Cleaner RM 732 Disinfectant Cleaner, foaming RM 734 Disinfectant RM 735 **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 PressurePro Active Cleaner, acidic RM 25 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency PressurePro Oil and Grease Cleaner Extra RM 31 / PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Intensive Deep Cleaner RM 750 **Machine care for high-pressure cleaners** PressurePro Descaling Acid RM 101 PressurePro Machine Protector RM 110 PressurePro Machine Protector Advance 1 RM 110 PressurePro Machine Protector Advance 2 RM 111
	Cold water high-pressure cleaners	**HD Super class** HD 13/18-4 S | SX Plus **HD Middle class** HD 9/19 M | MX Plus **HD Compact class** HD 5/15 C | CX Plus		
	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF		
	Scrubbers/ scrubber driers (configurable ex factory)	**Walk-behind scrubber driers** B 120 W B 80 W B 60 W B 40 W BRS 40/1000 C **Ride-on scrubber driers** B 300 R I B 250 R B 200 R B 150 R B 90 R BD 50/70 R	Brush heads, roller brushes, pad roller shafts, roller pads, microfibre rollers, disc brushes, pad drive boards, pads, squeegees, suction lips, attachment kits, batteries, battery chargers, Kärcher Fleet	**Stain removal** FloorPro Tyre and Abrasion Marks Remover RM 776, NTA-free **Maintenance cleaning** FloorPro Multi Cleaner RM 756 **Maintenance cleaning and care** FloorPro Wipe Care Extra RM 780 FloorPro Wiper Care Solinet **Deep cleaning** FloorPro Floor Precleaner RM 69 / RM 69 eco!efficiency FloorPro Intensive Deep Cleaner Extra RM 752 Intensive Deep Cleaner RM 750
	Sweepers/ vacuum sweepers (configurable ex factory)	**Ride-on vacuum sweepers** KM 130/300 R, KM 105/110 R, KM 105/100 R, KM 100/100 R, KM 90/60 R **Walk-behind sweepers** KM 70/30 C, KM 70/15 C, KM 70/20 C, KM 85/50 W, KM 75/40 W	Filters, roller brushes, side brushes, cabins, protective roofs, working lights, flashing beacons, tyres, batteries, battery charger	
	Vacuum cleaners	**NT Standard class** NT 70/2 NT 27/1 Adv **IV Compact class** IVC 60/24-2 Ap	Filters, nozzles, (floor/wide nozzle for vacuuming larger surface areas), suction hoses, disposal bags, accessory kits	
Exterior cleaning of trucks	Commercial vehicle washes (configurable ex factory)	TB 50 TB 46 TB 42 TB 36	Wash hall equipment, water recycling system	**Presprayers and rim cleaners** VehiclePro Prewash RM 803 Classic VehiclePro Truck Cleaner, alkaline RM 805, NTA-free VehiclePro Rim Cleaner, acidic RM 800/ alkaline RM 801 Classic **High-pressure and foam washes** VehiclePro Active Foam Wash Nano RM 816 Classic VehiclePro Brush Shampoo RM 811 Classic VehiclePro Active Foam RM 812 Classic VehiclePro Foam Cleaner RM 838 VehiclePro Rim Foam RM 802 **Waxes and drying aids** VehiclePro Hot Wax RM 820 Classic
	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 SX	Clip-on/rotating wash brushes, telescopic spray lance	

What is cleaned	Machines		Accessories	Cleaning agents
Cleaning of areas supporting production				
Cleaning of truck loading platforms	Hot water high-pressure cleaners	**HDS Super class** HDS 12/18-4 SX	**Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me **Steam jet nozzles**	**Cleaning agents for certain types of dirt** PressurePro Oil and Grease Cleaner Extra RM 31 eco!efficiency Active Cleaner, alkaline, RM 81 eco!efficiency
	Cold water high-pressure cleaners	**HD Super class** HD 13/18-4 SX Plus	**Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me	
	Scrubbers/ scrubber driers (configurable ex factory)	**Walk-behind scrubber driers** B 120 W, B 80 W, B 60 W, B 40 W, BRS 40/1000 C	Brush heads, roller brushes, pad roller shafts, roller pads, microfibre rollers, disc brushes, pad drive boards, pads, squeegees, suction lips, attachment kits, batteries, battery chargers, Kärcher Fleet	**Deep cleaning** FloorPro Floor Precleaner RM 69 / RM 69 eco!efficiency FloorPro Intensive Deep Cleaner Extra RM 752 PressurePro Active Cleaner, alkaline RM 81 eco!efficiency Intensive Deep Cleaner RM 750 PressurePro Active Cleaner, neutral RM 55 PressurePro Active Cleaner, alkaline RM 81
Tanks, silos and tankers	Container cleaning	Customer-specific system solutions based on modular components	**Customer-specific accessories** High-pressure pumps Interior cleaning heads Hot water generators Customer-specific controls	**Cleaning agents for container cleaning** TankPro Cleaner, acidic RM 870 TankPro Cleaner, alkaline RM 875 TankPro Cleaner, polymer RM 880
Cold storage rooms	Scrubbers/ scrubber driers (configurable ex factory)	**Walk-behind scrubber driers** B 120 W, B 80 W, B 60 W, B 40 W, BRS 40/1000 C	Brush heads, roller brushes, pad roller shafts, roller pads, microfibre rollers, disc brushes, pad drive boards, pads, squeegees, suction lips, attachment kits, batteries, battery chargers, Kärcher Fleet	
Packaging area, storage	Scrubbers/ scrubber driers (configurable ex factory)	**Ride-on scrubber driers** B 300 R I, B 250 R, B 200 R, B 150 R, B 90 R , BD 50/70 R **Step-on scrubber driers** B 95 RS, BR 55/40 RS, BD 50/40 RS **Walk-behind scrubber driers** B 120 W, B 80 W, B 60 W, B 40 W, BRS 40/1000 C	Brush heads, roller brushes, pad roller shafts, roller pads, microfibre rollers, disc brushes, pad drive boards, pads, squeegees, suction lips, attachment kits, batteries, battery chargers, Kärcher Fleet	**Stain removal** FloorPro Tyre and Abrasion Marks Remover RM 776, NTA-free **Maintenance cleaning** FloorPro Multi Cleaner RM 756 **Maintenance cleaning and care** FloorPro Wipe Care Extra RM 780 FloorPro Wiper Care Solinet FloorPro Floor Precleaner RM 69 / RM 69 eco!efficiency FloorPro Intensive Deep Cleaner Extra RM 752
	Sweepers/ vacuum sweepers (configurable ex factory)	**Ride-on vacuum sweepers** KM 130/300 R, KM 105/110 R KM 105/100 R, KM 100/100 R KM 90/60 R **Walk-behind sweepers** KM 70/30 C, KM 70/15 C, KM 70/20 C, KM 85/50 W, KM 75/40 W	Filters, roller brushes, side brushes, cabins, protective roofs, working lights, flashing beacons, tyres, batteries, battery charger	
	Vacuum cleaners	**NT Standard class** NT 70/2 NT 27/1 Adv **IV Compact class** IVC 60/24-2 Ap	Filters, nozzles, (floor/wide nozzle for vacuuming larger surface areas), suction hoses, disposal bags, accessory kits	

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

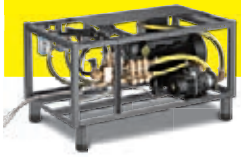
With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR CAR WASHES AND CONTAINER CLEANING

WATER RECYCLING SYSTEM

WASH HALL EQUIPMENT

HIGH-PRESSURE PUMPS



INTERIOR CLEANING HEADS

HOT WATER GENERATORS

ACCESSORIES FOR HIGH-PRESSURE CLEANERS

SPRAY LANCES WASH BRUSHES

SAFETY GOGGLES AND GLOVES

WET PROTECTIVE OVERALL

SURFACE CLEANERS

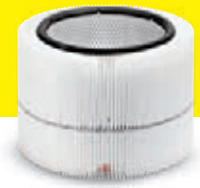
CLEANING AGENT INJECTORS

ACCESSORIES FOR SWEEPERS

BRUSHES

SIDE BRUSHES

FILTERS



BATTERIES

EQUIPMENT

CLEANING AGENTS

RM 803 CLASSIC
VehiclePro Prewash

RM 805
VehiclePro Truck Cleaner, alkaline

RM 811 CLASSIC
VehiclePro Brush Shampoo

RM 870
TankPro Cleaner, acidic

RM 880
TankPro Cleaner, polymer

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

ACCESSORIES FOR SCRUBBER DRIERS

ROLLER BRUSHES

PADS

DISC BRUSHES

SQUEEGEES, SUCTION LIPS

EQUIPMENT

ACCESSORIES FOR VACUUM CLEANERS: QUALITY TESTED (DUST CLASSES)

FILTER BAGS

FLAT PLEATED FILTER

PES

CONTAINER

NOZZLES

HOSES

OVERVIEW – CLEANING THE INFRASTRUCTURE

In the overview below, the most important cleaning solutions for cleaning infrastructure in food processing are shown by way of example. These recommendations serve only as a guide – you can find a wide range of products in the Kärcher System to compose your ideal, tailor-made cleaning solution. In addition, we are happy to support you in person.

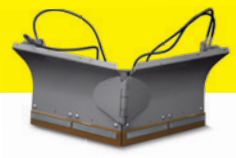
What is cleaned	Machines		Accessories	Cleaning agents
Cleaning the infrastructure				
Access roads, paths, loading areas, car parks, green spaces	Sweepers/ vacuum sweepers (configurable ex factory)	**Ride-on vacuum sweepers** KM 130/300 R, KM 125/130 R, KM 105/110 R, KM 105/100 R, KM 100/100 R, KM 90/60 R **Walk-behind sweepers** KM 85/50 W, KM 80 W, KM 75/40 W, KM 70/30 C, KM 70/20 C, KM 70/15 C	Filters, roller brushes, side brushes, cabins, protective roofs, working lights, flashing beacons, tyres, batteries, battery charger	
	Vacuum sweepers (configurable ex factory)	MC 50 Adv	Different implements, lights, cabins, interior fittings, colour variations, tyres, interfaces, operation, traction drive	
	Implement carriers (configurable ex factory)	MIC 34 C	Different implements, lights, cabins, interior fittings, colour variations, tyres, interfaces, operation, traction drive	
Maintenance buildings	Vacuum cleaners	**NT Standard class** NT 70/2, NT 27/1 Adv **IV Compact class** IVC 60/24-2 Ap	Filters, nozzles, (floor/wide nozzle for vacuuming larger surface areas), suction hoses, disposal bags, accessory kits	
Office, communal and sanitary areas	Manual cleaning equipment	**Premium cleaning trolley** ECO!Clean Liner Press/Mini **Classic cleaning trolley** Trolley Classic I/II/III/IV/V **Mobile bucket carts** Single/double mobile bucket carts 15 l/25 l/28 l **Mop covers** Cotton and microfibre **Cloths** Microfibre, all-purpose, glass and dust removal cloths **Sweeping** ECO!Broom and waste container	Buckets, mop rack, mop box, roller press, jaw press, feather duster, bin liners, various mop accessories, mop systems, dusters, warning signs, scraper, cleaning cloths	**Stain removal** Universal Stain Remover RM 769 **Surface Cleaner** CA 30 R Surface Cleaner, ready to use Universal Cleaner, surfactant-free RM 770 Universal Stain Remover RM 769 **Floor Cleaner** CA 50 C Floor Cleaner FloorPro Multi Cleaner RM 756 **Multi-purpose cleaner** Scouring Agent Inoxal SurfacePro Alcohol Cleaner Alcal SurfacePro Multi-purpose Cleaner RAG Classic SurfacePro Universal Cleaner RUH Classic **Cleaning agents for sanitary areas** CA 10 C Sanitary Deep Cleaner CA 20 C Sanitary Everyday Cleaner
	Window cleaning range	Window washer and chamois leather squeegee and accessories Glass and window cleaning kit	Washer, T-beam, window wiper handle, wiper bars, window scraper, wash brushes, belt and holder, bucket, floor squeegee, chamois leather, telescopic lances	**Glass cleaner** CA 40 R Glass Cleaner, ready to use SurfacePro Glass and Surface Cleaner RGR Classic SurfacePro Glass Cleaner
Hard floors	Dry vacuum cleaners	**Dry vacuum cleaners** T 15/1 eco!efficiency **Battery-powered machines** T 9/1 Bp	Filter, suction nozzles, suction pipes and bends, suction hoses, brushes	
Carpets, upholstery	Carpet cleaners	**Upright brush-type vacuum cleaners** CV 38/2 , CV 60/2 RS Bp **Carpet cleaners** **Spray extraction machines** Puzzi 30/4, Puzzi 10/1, Puzzi 8/1 **Deep carpet cleaners** BRC 40/22 C **Intermediate carpet cleaners** BRS 43/500 C	Spray/suction hoses, floor nozzles, hard surface adapters, hand nozzles, roller brushes	**Intermediate cleaning** CarpetPro Cleaner iCapsol RM 768/768 OA CarpetPro Dry Cleaner RM 766 **Deep cleaning** CarpetPro Cleaner RM 760 Powder/Classic/Tablets CarpetPro Cleaner RM 764 Classic CarpetPro Cleaner, quick-drying RM 767
Canteens, shops	Steam vacuum cleaners	SGV 8/5 SGV 6/5	Cloth kits, brushes, hoses, nozzles, descaling sticks	Hygienic cleaning possible even without the use of chemical substances **Cleaning agents for certain types of dirt** PressurePro Grease and Protein Remover RM 731 **Maintenance cleaning** FloorPro Universal Cleaner RM 743 FloorPro Fine Stoneware Cleaner RM 753
	Steam cleaner	SG 4/4		
	Hygiene high-pressure cleaners	**HD Special class** HD 10/15-4 Cage Food HD 7/10 CXF	**Surface Cleaners** FRV 50 Me, FRV 30 Me, FR 50 Me, FR 30 Me	**Cleaning agents for certain types of dirt** FloorPro Floor Precleaner RM 69
	Scrubbers/ scrubber driers (configurable ex factory)	**Compact scrubber driers** BR 35/12 C BRS 40/1000 C	Brush heads, roller brushes, pad roller shafts, roller pads, microfibre rollers, disc brushes, pad drive boards, pads, squeegees, suction lips, attachment kits, batteries, battery chargers, Kärcher Fleet	**Cleaning agents for certain types of dirt** Intensive Deep Cleaner RM 750 FloorPro Floor Precleaner RM 69 FloorPro Multi Cleaner RM 756
	Vacuum cleaners	**Classic range** NT 30/1 Me Classic	Filters, nozzles, (floor/wide nozzle for vacuuming larger surface areas), suction hoses, disposal bags, accessory kits	

EQUIPMENT, ACCESSORIES AND CLEANING AGENTS

With the unique Kärcher System, we offer a wide range of accessories which allow you to be ready for any task.

ACCESSORIES FOR IMPLEMENT CARRIERS

IMPLEMENTS



TYRES

LIGHTING

INTERIOR FITTINGS

INTERFACES

ACCESSORIES FOR MANUAL CLEANING EQUIPMENT AND WINDOW CLEANING RANGE

CLEANING TROLLEYS

MOP SYSTEMS

SCRAPERS

SWEEPERS

WINDOW CLEANING KIT

ACCESSORIES FOR VACUUM CLEANERS AND CARPET CLEANERS

FILTERS

NOZZLES

SUCTION HOSES

ROLLER BRUSHES

HAND NOZZLES

CLEANING AGENTS

RM 769
Universal Stain Remover

RM 756
FloorPro Multi Cleaner

CA 10 C
Sanitary Deep Cleaner

RM 760 POWDER
CarpetPro Cleaner

RGR CLASSIC
SurfacePro Glass and Surface Cleaner

Further accessories and cleaning agents can be found in our catalogue or at www.kaercher.com

KÄRCHER: GLOBAL PROVIDER OF CLEANING TECHNOLOGY

The family-owned company Kärcher is today the world's leading provider of efficient, resource-conserving cleaning systems. Kärcher makes a difference through top performance, innovation and quality.

Solutions, not just products: the Kärcher System
Kärcher's transformation into a system provider follows the principle of working together to achieve more. Both within the company and alongside suppliers and, in particular, users, we search for solutions that benefit us all. For products and services, which together provide the foundations for an optimised system: the Kärcher System. The decisive factor is that by using the Kärcher System, your essential – and in an ideal scenario, all – of your needs and requirements will be met in full.

Making everything possible
As a systems provider, Kärcher does not want to offer anything and everything, but only what you as an operator need for your individual cleaning system. And this is not decided by the range of elements available, but by your needs as a customer. It is important to address questions regarding power, efficiency and sustainability. A system that consists of machines, accessories, cleaning agents, services and digital solutions that can be easily integrated into your operating procedures and that adds real value. A system that makes a difference. The Kärcher System.

Ringler – robust, top quality made in Germany
The Ringler Kärcher Group is your ideal partner for all vacuum engineering matters. Our services range from simple mobile solutions to complex, fixed pipeline vacuum solutions adapted to customer-specific needs. More than 40 years of experience with industrial vacuum systems stand behind the unmistakable quality of our consultation and enable us to provide turnkey solutions at the highest level.

Our comprehensive expertise in customer-specific design, planning, installation, commissioning and servicing of stationary extraction and dust removal systems is your advantage: high-quality components, extensive expertise, a high real net output ratio, and professionally trained staff ensure the superior quality and tremendous longevity of our time-tested products. Made in Germany – guaranteed.

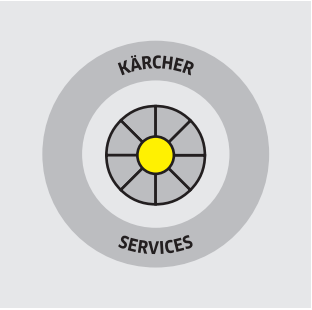
Ringler has been part of the Kärcher Group since 1 September 2010 and has since become our competence centre for industrial vacuum systems. With the addition of Ringler, the Kärcher Group has increased its profile and service range on an international level as a complete solutions provider for industrial cleaning tasks.

WOMA – Water as a tool
For over 50 years, WOMA has been the technology leader and driver of innovation in the area of high-pressure water jet technology. Thanks to continual research and development, today we provide systems with water pressures of up to 4,000 bar with flow rates of up to 1,800 litres per minute.

WOMA has been part of the Kärcher Group since 1 April 2011 and has since become our competence centre for high-pressure pumps and high-pressure water jet technology. With the addition of WOMA, the Kärcher Group has strengthened its position as the market leader worldwide in cleaning technology in the forward-thinking high-pressure systems sector.

YOU MANAGE YOUR BUSINESS. WE PROVIDE THE SUPPORT YOU NEED.

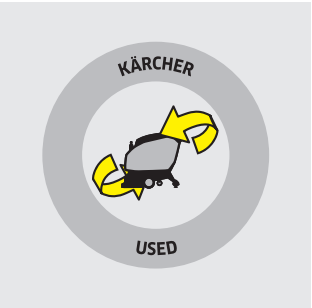
Things can be much simpler when people combine their talents. Pursuing goals together, complementing one another and learning from each other make it so much easier to achieve success. You could call it the principle of progress. We call it Kärcher Services. A promise of partnership. Our promise to you.



Kärcher Services:

Kärcher Maintain
Service packages
Every service package is precisely tailored to suit specific needs. The scope of services ranges from inspection as part of mandatory safety testing to servicing at the due date or the flat-rate Full Service.

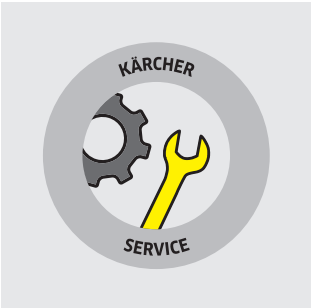
Kärcher Rent
Rental
Precisely the machine you need. Rent instead of buy. And get more: know-how and the Kärcher Full Service package.



Kärcher Used
Used machines
If used is what you need. New start-up? Or just saving costs? We have the right used machine for you. Used, generally overhauled, good and affordable. Our range is constantly changing. Just ask us.

Kärcher All Brands Service
Brand-independent service
Servicing and repairs for your entire fleet from a single source – regardless of the manufacturer and where you are in the world. Servicing for all machines according to Kärcher standards – you can count on us.

Kärcher Lease
Leasing
Tailor-made. Flexible. Secure. We provide the flexibility you need: with leasing and financing models to suit every need.

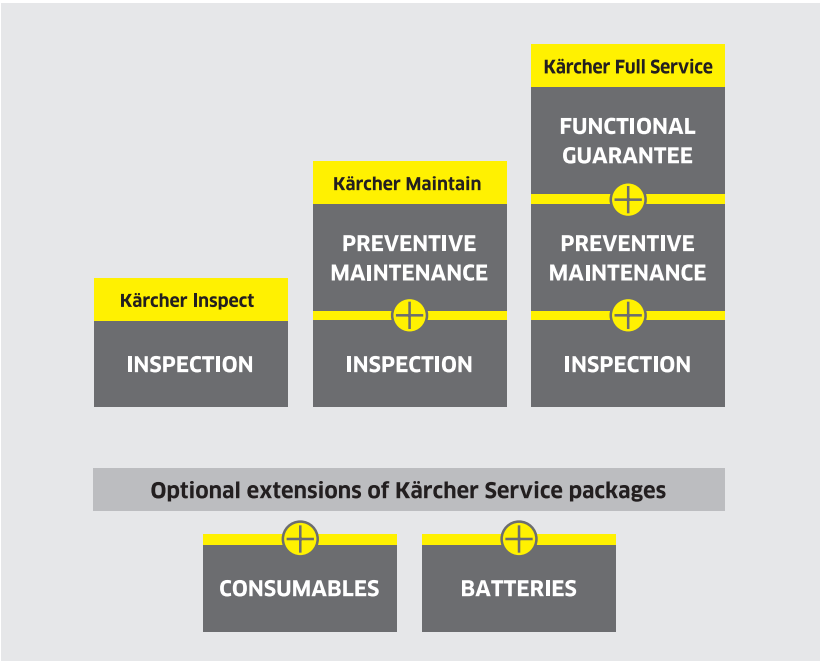


Kärcher Service
Customer service
Service means trust. Every time. Services you really need. Fast response for maximum availability. Maximum value retention and compliance with all statutory requirements.

THE BEST FOR YOU AND YOUR MACHINE

As you need your machines to be ready to use at any time, we developed the Kärcher Maintain service packages. These service packages combine accumulated technical expertise and in-depth application knowledge to yield optimal solutions. You are free to choose between the service packages and various additional options, meaning you get only the services that best meet your individual requirements.

Kärcher Maintain:



Every service package is precisely tailored to suit your specific needs. The scope of services ranges from inspection as part of mandatory safety testing to servicing at the due date or the flat-rate Full Service. Depending on your requirements, you can also enhance any package with options such as battery servicing or consumables.

Please contact us for more information:

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