

# EFFICIENT CLEAN-ING SOLUTIONS.





# **FOR A CLEAN WORKING ENVIRONMENT**

Logistics is all about timing and precise coordination. The necessity of cleaning storage areas, vehicles and offices should not interfere with schedules. Solutions are needed that are not an additional burden, but help to clean quickly and efficiently. This is where Kärcher can help – with high-performance cleaning systems, sound advice and excellent service – to keep your business on track in a clean working environment.

1 Partner for logistics companies

Kärcher is your partner for tailor-made solutions. Put your trust in Kärcher quality, efficiency and service.

2 Warehouses and cargo handling areas

Whether for indoor or outdoor storage areas: Kärcher has the right solution for every task, for fast and effective cleaning. 3 Commercial vehicle and tank cleaning

Fast manual wash systems, single-brush wash systems, automatic commercial vehicle wash and tank cleaning systems. There is a clean solution for every type of vehicle.

4 Special applications and office cleaning

Whether planes, ships or offices - Kärcher highperformance systems make cleaning easy.

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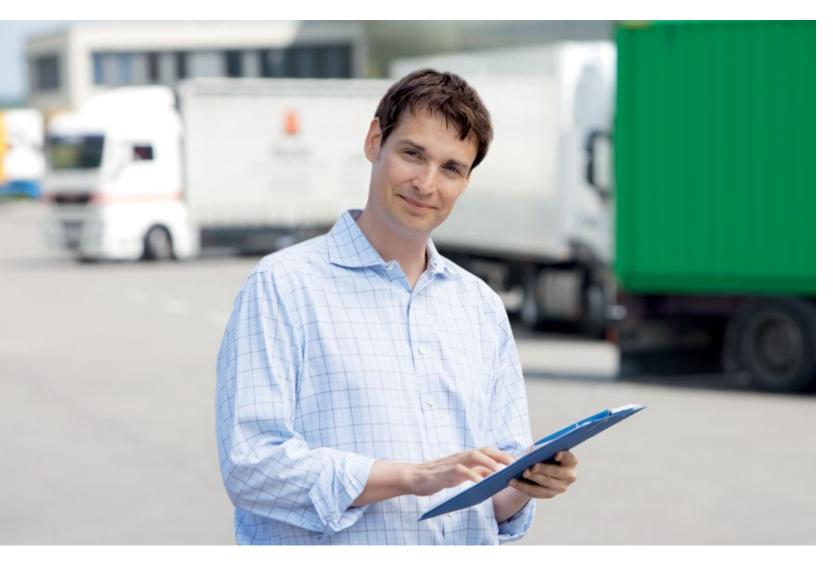
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# KÄRCHER - YOUR RELIABLE PARTNER

In the logistics sector, cleaning also requires coordinated processes. This demands not only for high-performance systems, but also for a consulting partner with expertise and experience. The final cleaning result depends not only on technical parameters, but also on other important factors, e.g. local conditions and types of vehicle. Kärcher will provide cleaning solutions tailored to your needs.



#### Reliable. Intelligent. Kärcher.

You can rely on Kärcher – because our systems are all compatible and each product is rigorously tested. Kärcher systems are renowned for their reliability and suitability for numerous cleaning tasks.

Our machines are designed for ease of use without interrupting logistics processes. This allows quick and easy cleaning. Maintenance is simple and can be carried out without any previous knowledge.





#### 1 You can count on us

Heavy pallets, fast workflows - logistics is a tough working environment. This is why Kärcher develops cleaning solutions that are designed to last. All products are They guarantee a powerful cleaning with low consumption. This avoids unnecessary subject to intensive quality controls to ensure that they meet all requirements.

#### 2 Easy to use

Nothing is more time-consuming than machines that are difficult to operate. Kärcher avoids elaborate procedures to ensure trouble-free cleaning. For example with "Easy Operation": just one control for all functions.

## 3 Developed for more efficiency

Kärcher develops detergents that are compatible with its cleaning systems. costs and protects the environment through fewer contaminants.

#### 4 Everything from one source

If everything fits together, it's Kärcher. As a system provider, Kärcher not only offers innovative cleaning technology, but also detergent. Matching accessories complete the range. The benefits: Everything is perfectly coordinated so that you can work even more efficiently.

For further machines, accessories and detergents, see our catalogue or visit www.kaercher.com/ca

# THE BEST CLEANING SYSTEMS FOR WAREHOUSES

The area of logistics is very busy - with a high cleaning demand. Packaging residues, waste paper and vehicle tyre marks can be removed quickly and effortlessly with high-performance and robust Kärcher scrubber driers, vacuum sweepers and wet and dry vacuum cleaners. These compact machines are designed for easy manoeuvrability. Numerous variants are available - from battery-operated drives to canopies.









#### 1 Safe in tight spaces

Safe cleaning in narrow aisles and between high-bay racking - not a problem for Kärcher machines. Compact machines ensure maximum manoeuvrability and canopies provide the necessary safety. A high area performance of up to 12,000 m<sup>2</sup>/h.

## 2 Conveyor systems

Conveyor systems are constantly in motion – and therefore also continually lead to soiling. Whether packaging materials, slips of paper or grit from containers: Kärcher machines, e.g. compact wet and dry vacuum cleaners or walk-behind vacuum sweepers or scrubber driers, quickly remove all unwanted material without interrupting operation.

## 3 Cold storage

Sensitive hygienic areas require optimal consultation and a precise cleaning plan. Because bacteria, viruses and fungi are everywhere. With this in mind, Kärcher offers the appropriate cleaning and disinfectant agents. Your complete solution from one source.



Whether walk-behind, stand-on or rideon - floors are hygienically clean. Thanks all surfaces. A wide range of machines to their compact size, you can even clean for all requirements. between high-bay racking.



Economical, clean, fast and efficient on



#### Wet and dry vacuum cleaners

These vacuums effortlessly pick up all kinds of dirt. Whether dry, wet or liquid - Kärcher vacuum cleaners pick up ent cleaning. everything.



#### Cleaning and maintaining floors

Kärcher detergents are highly effective for quicker, easier and conveni-

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# **GREAT PERFORMANCE ON LARGE AREAS**

Outdoor areas are not only subject to dirt produced in daily work operations, but also to environmental influences. Vehicle deposits, mud, dust, rain and snow are easily removed with high-performance Kärcher machines. Ride-on sweepers with an area performance of up to 23,520 m²/h clean almost any area easily - and with high pressure cleaners and water flow rates of up to 1,300 l/h, even the most stubborn dirt is quickly removed.



On large areas, cleanliness is essential for safety. Continuous material handling and environmental influences demand fast and effective cleaning solutions. With the high area performance of Kärcher ride-on machines, large outdoor areas and storage areas are effortlessly cleaned without interrupting or delaying routine logistics procedures.

Where wood is chopped, splinters must fall. Even in timber yards and steel storage areas, the residues of daily work can be quickly removed with Kärcher vacuum sweepers. Ride-on machines are ideal for cleaning large areas or walk-behind machines for smaller spaces. Dangerous dusts can be safely removed with a large capacity industrial vacuum.



Ride-on sweepers offer a very large area performance. And thanks to four different drive variants, there is one for every cleaning task.



With high pressure and a high flow rate. And higher temperatures ensure greater cleaning efficiency. With the high performance of stationary machines.



#### **Suction power**

Traditional methods of removing gum are time consuming at best and at worst they are ineffective. Save energy with Karcher's gum remover.





#### 2 Pallet warehouses

When pallets have to be transported quickly and safely, cleanliness is vital. Because dirt is a stumbling block in routine operations. Kärcher sweepers are ideal for keeping outdoor storage areas constantly clean. Cleaning with Kärcher is quick, efficient and convenient.

## 3 Loading docks

Arrivals and departures, loading and unloading - the loading area is constantly in use. Dirt collects here on a daily basis. A Kärcher high-pressure cleaner is the right solution. It easily removes stubborn residues, gets into tight corners and cleans quickly.

#### Different configurations:

- C: "Compact", machines without traction drive
- W: "Walk-behind", machines with traction drive R: "Ride-on", ride-on machines
- Bp: battery-operated
- D: diesel
- Lpg: liquid petrolium gas Adv: advanced equipment

#### Economical in use

See how cost-effective cleaning can be. Area size, volume and cleaning frequency are decisive. The use of the following Kärcher sweepers and vacuum sweepers is cost-effective when the area to be swept per hour is as indicated in the performance columns on the left.

# FOR SPECIAL APPLICATIONS: KÄRCHER SOLUTIONS

Kärcher offers special systems for planes, sea vessels or trains. Stubborn dirt is quickly removed. For example, our advanced ice blasters that are gentle on surfaces and hard on dirt. With Kärcher you are well equipped, even in extreme situations.







# Ship and container cleaning

Use our Tule trailer to get up to 4000 psi to clean tough dirt on ships. For other areas on ships, we have our robust Cage units to tackle cleaning.

#### Ready for take-off in no time

Kärcher also offers innovative system solutions for gentle exterior and interior cleaning of planes.

#### 3 One-stop solution for cleaning trains

Kärcher also offers a wide range of cleaning technologies for freight trains. The range includes high-performance machines, particularly gentle processes and extremely safe systems.



#### Extremely gentle

Iceblaster: Innovative blasting process using dry ice for removing stubborn dirt without damaging surfaces.



#### Extremely robus

Cage machines: High-performance to be used almost anywhere.



#### Battery powered

Kärcher cordless vacuum cleaners are whisper quiet without disturbing cord. These machines are ideal for cleaning business premises during normal business hours.

# **OFFICE CLEANING ACCORDING TO PLAN**

Kärcher offers the perfect office cleaning solution – from basic cleaning to polishing. Kärcher machines are easy to use, whisper quiet and safe. A wide range of accessories extend the range of applications. ECO!Cleaning is the choice of professionals. A complete system designed to optimise contract cleaning.











#### 1 The innovative BRC series

From refreshing interim cleaning to intensive basic cleaning of textile coverings. Kärcher offers everything from a single source.

#### 2 Dry vacuuming like a professional

Developed with contract cleaners, this professional series offers the benefits of high suction power and a 5-stage filter system.

### 3 ECO!Cleaning

Specially developed to facilitate contract cleaning: increases productivity, reduces costs and protects the environment. Kärcher detergents are ideal for cleaning without damaging surfaces.

### 4 Removes dirt deep in the pile

Ideal for passageways and offices with carpet: deep cleaning with Kärcher upright vacuum cleaners.

#### 5 Mobile cleaners

Easy to use, robust and powerful carpet cleaners feature an extensive range of accessories for numerous tasks.



#### Upright vacuum cleaners

Powerful suction combined with an electric brush. Effortlessly removes stubborn dirt particles.



#### Carpet cleaners

Kärcher carpet cleaners provide excellent cleaning results on textile surfaces. Whether in offices, corridors, conference rooms, etc. The right solution for all areas.



#### ry vacuum cleaners

Compact and extremely quiet: Small, mobile dry vacuum cleaners combine convenience, powerful suction and a large working radius.



Spray extraction cleaners

Ideal for thoroughly cleaning all textile surfaces by spray extraction – powerful and versatile.

# **LIST OF PRODUCTS**

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Application	Cleaning machines	High-pressure cleaning	Sweepers and vacuum sweepers	Vacuum cleaners	Scrubber driers	Detergents  Spray extraction cleaner  Carpet cleaner	Specialty	
Storage area cleaning		HDS 3.5/23 Eg ST NG	KM 130/300 R, KM 105/100 R, KM 85/50 W, KM 75/40 W, KM 70/30 C	NT 48/1, NT 68/1, T 12/1, T 10/1	B 250 R, B 150 R, B 90 R, B 80 W, B 60 W, BD 50/50 W BD 80/100 W B 40 C/W		AB 84 CUL SG 4/4	
Office cleaning			EB 30/1	T 12/1, T 10/,1 NT 22/1 Ap Versamatic Sensor XP BV 5/1 Bp	BRC 30/15 C, BRS 43/500 C, BR 40/10 C, BR 35/12 C, BR 30/4 C, BD 38/12 C, ECO T 11 Liner	Neutral floor cleaner RM 760 iCap encapsulating chemical  Puzzi 30/4, Puzzi 10/1, Puzzi 8/1 C		
Cleaning outdoor areas		HDS 3.5/35 P Cage HDS 5.0/30-4 S Eb HDS 4.5/22-4 M Ea HD 1.8/13 C HD 3.0/20 C Ea HD 4.0/40 AG Jarvis	КМ 130/300 R, КМ 105/100 R, КМ 75/40 W, КМ 70/30 C, КМ 70/20 C,	NT 50/1 TACT	B 250 R	SG3 Chemical	FRV 30 SG3 Gum Remover	
Commercial vehicle cleaning	KARC Servicehotnee 01 80	HDS-E 3.3/25-4 M EC HDS 3.5/35 Pe Cage HD 4.5/32-4 S EC HD 2.3/15 C Ed HD 2.0/14 Ed+		NT 48/1		RM 760 tablets Fleet Wash Detergent Vehicle Wax and Wash  Puzzi 30/4, Puzzi 10/1, Puzzi 8/1 C		

For further machines and information, see our catalogue or visit www.kaercher.com/ca

## **RECOGNISING THE SIGNS OF THE TIMES**

If you want to move and change things, you have to lead the way, and show your colours. The blue symbols representing the various building blocks of Kärcher ecolefficiency show at a glance how and where Kärcher's power of innovation achieves measurably greater and better efficiency. Kärcher ecolefficiency is about more than efficient products: it is implemented in all business areas and is an integral part of corporate policies and actions.







The simple equation of time equals money is still valid, however multiplied by the efficiency factor. More efficient machines that allow work to be carried out more quickly lead to significant labour cost savings and genuine competitive advantages.



#### High recyclability

Raw materials that cannot be avoided from the beginning must be recyclable as far as possible after a long machine life. Kärcher machines are currently more than 90% recyclable.



#### Reduced water consumption

Drinking water is precious and conserving it protects natural resources and saves energy for processing, transport and disposal. Many Kärcher high pressure cleaners and scrubber driers already meet the eco!efficiency standard or feature an eco!efficiency mode, which efficiently regulates the amount of water depending on the cleaning task.



Noise is not just unpleasant, it has shown to be damaging to health. Kärcher counters working noise both in its own production processes and for users by reducing noise levels and power to an optimum level. An example of this is the T 12/1 eco!efficiency dry vacuum cleaner. Its working noise level has been reduced by 5 dB(A) compared to the basic model, making it over 50% guieter. Furthermore, the low frequency of the work noise is subjectively perceived as being very pleasant. As a result, the T 12/1 eco!efficiency is also outstandingly suitable for longer work intervals and noise-sensitive areas



#### Intelligent energy efficiency

Everything has its limits. Sometimes more power does not make sense. The T 12/1 ecolefficiency dry vacuum cleaner proves that less can be more. Its 750 W motor uses 40% less electricity, achieving 98% of the cleaning performance of the standard model thanks to flow-optimised suction channels, which is more than sufficient for maintenance cleaning.



#### Exemplary repairability

As early as the development phase, Kärcher machines are designed for repairability: as few components and assemblies as possible, the best possible accessibility and as many standard parts as possible.



#### Materials to suit the job

The selection of optimal materials is a never-ending challenge. New materials and production processes open up new opportunities in manufacturing and the use of machines, accessories and consumables. Lightweight design, durability, avoidance of contaminants, recyclability and costs - standards that Kärcher takes into account in the manufacture of efficient and ecofriendly products.



#### Reduced CO<sub>2</sub> emissions

Reducing CO<sub>2</sub> greenhouse gas emissions is a global objective. To reduce its CO<sub>2</sub> footprint, Kärcher is making its contribution on all levels of production and in all business areas: through optimised use of materials, energy and water, high recyclability, as well as self-generated renewable energy.



#### Optimised company processes

Kärcher eco!efficiency simply means continuously trimming all processes in the company to achieve maximum efficiency. This results in constant optimisation in all areas.



#### Less waste water pollution

It is as easy as it sounds: water that has not been used, does not need to be disposed of. At the same time, dirty water should be concentrated in order to make work easier for sewage treatment plants. The Kärcher system, consisting of the device, accessories and cleaning agents is fine-tuned to achieve maximum effect with minimum effort.



#### Extended service life

The robust construction style and high strength are the key prerequisites for a long usage phase. High quality, reparability and a long-term spare parts supply ensure that Kärcher Professional machines give years of reliable service.



# Reduced use of materials

If there is one art that is efficient, it is the art of reduction. Less material consumption through optimised designs is one aspect. Another is reducing the number

of components. On average, Kärcher machines consist of significantly fewer components than comparable competitor models. The resulting lighter weight not only saves driving energy, it also saves a serious amount of raw materials and energy in manufacture.



# Precisely dosed cleaning agent

The most environmentally friendly and economical cleaning agent is that which is not used. Kärcher DOSE technology enables exact dosage of cleaning agents and, as a result, achieves a much lower level of consumption.



## Effective dust filtering

Dust is a nuisance to people and the environment and can be detrimental to health and the environment. Kärcher vacuums feature efficient filter systems with innovative components, e.g. Tact and Tact<sup>2</sup> systems for fully automatic filter cleaning as well as HEPA filters for hygienically clean, particle-free exhaust air. Fleece filter bags with a better degree of separation, double the retention capacity and a longer service life compared to paper filter bags. And last, but not least, certified safety vacuum cleaners for critical applications.

## Comprehensive spare parts supply



Durable investment goods can only fully develop their economical and environmental advantages if all spare parts are available until the end of their service life. Depending on the particular product, Kärcher guarantees a spare parts supply for up to 10 years after a model goes out of production.

eco!efficiency

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# makes a difference

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