



Sole cleaning

for industry & trade





“Facility Cleanliness concerns all Industries”

Christian Löwe (Managing Director)

Welcome to HEUTE!

With the next wave of Industrial Revolution and the growing trend of Smart Factories around the world, Facility Cleanliness becomes more and more important throughout industries. Stricter regulations, labor health & safety requirements as well as increased hygiene play also a big roll.

Technical cleanliness concerns all industries: Automotive, Food, Chemical and other industrial enterprises are in need of reliable solutions for contamination problems. We offer a wide-range programme of cleaning equipment meeting specific requirements, be it dry or wet cleaning.

- ✓ **Minimising the introduction of dirt in production and administrative areas**
- ✓ **Improved labour safety through surefootedness and stability with clean profiles**
- ✓ **Cleaning sluices reduce the time expenditure required for observance of hygiene rules**
- ✓ **Improved environmental protection**
- ✓ **Maintenance friendly**

We invite you to make yourself familiar with the details of our cleaning equipment presented and described in this catalogue, and we are convinced that we have the appropriate system meeting your needs. We do not only offer our standard systems but also individual special solutions tailored to your plant.

Kind regards,

Christian Löwe (Managing Director)



Do you have any questions? We are pleased to help you:

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🌐 www.heute-solecleaning.com



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*Persons per hour



Sole cleaning



Upper shoe cleaning



Wet cleaning / disinfection



Sole drying

Quality & experience for more cleanliness

Our experience and tradition gathered for more than 110 years stand for both our world-known shoe shine machines and sole cleaning systems, hygienic sluices and special cleaning installations applied to services, industry and hygienic production.

Our competence and our knowhow in cleaning of shoes, soles, but also of tyres and wheels are the basis for the design and continuous further development of our machines and systems.



World-wide trust

For decades, hundreds of enterprises from all over the world have been relying on our cleaning equipment and systems.



Careful assembly

We assemble our machines carefully by hand, and each of them is individually tested for proper function.



Twenty years of guarantee for spare parts availability

In order to ensure long-lasting operation of our machines, we guarantee availability of spare/wearing parts for a minimum of 20 years after purchase.



Personal contact

You can get directly in contact with our specialists and sales partners, who are happy to advise you personally to configure the best solution for your contamination problem.



Quality of components

We focus on premium quality with all the materials and components, which we use in our machines and plants.



Ideas & innovations

For improving the customer benefit, we continuously further develop our products - recently even honoured with the "Top 100" Innovation Award (www.top100.de).



Easy to clean and low maintenance

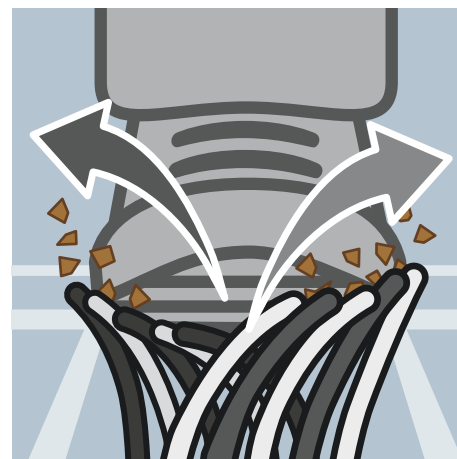
Our machines are designed to be extremely user-friendly, easy to operate and maintain.



Special solutions

We offer customised and special solutions individually tailored to your requirements.

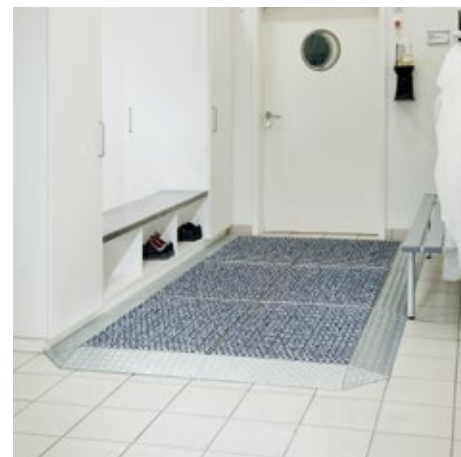
ProfilGate® go



Patented cleaning system



Handcarts can pass also



ProfilGate® go with revolving ramps



ProfilGate® fitted for vehicles is available as well

The innovative cleaning system

In many cases, the dirt introduced into sensitive storage and production areas by persons and transport carts is underestimated frequently. At first, the entrance zone gets contaminated. Persons and vehicles coming afterwards transfer the dirt further and further into sensitive production areas.

In the past, cleaning machines had been the only means of removing the dirt introduced by a lot of effort subsequently.

Using **ProfilGate® go**, this problem can be solved directly in the entrance zone! Up to 90 percent of the dirt adhering to soles and rollers can be removed, directly in entrance zone. The ProfilGate® gratings can be taken out and cleaned easily.

ProfilGate® go has been developed especially for active sole cleaning in an industrial environment. The long bristles clean working shoes with coarse profiles particularly reliably as well. Entering the cleaning section, the oblique bristles move down and while doing so, they actively rub the soles clean. In case of ground-level installation, pallet trucks and other hauling vehicles can be used as well. The black-white bristles fit into any surroundings in a neutral manner.



More detailed information and additional models are available in our **ProfilGate® catalogue or on our website www.profilgate.com**



- ▶ No power connection required
- ▶ Ground-level or above ground
- ▶ Minimised introduction of dirt and humidity
- ▶ Floorings protected from scratching
- ▶ Substantially reduced cleaning costs



StepGate

I · II · dry



StepGate I



StepGate II



The Drypad is easily fixed by two clips and can be quickly replaced.



Wet cleaning and disinfection

Mechanical wet cleaning

The StepGate stainless steel personnel sluices are ideal for entrances to sensitive production areas. When entering, the soles are cleaned mechanically and by fluid using obliquely arranged patented brush strips. The cleaning process is chemically assisted by the addition of disinfection and / or cleaning detergents. The filling level of the cleaning liquid in the stainless steel lower trough determines the cleaning intensity.

The **StepGate I** model is suitable for less frequently used side entrances, where up to 30 persons pass per day and the introduction of liquids is not a problem.

The **StepGate II** model is the optimum solution for frequently used entrances and exits. On account of its double length, more steps on the active cleaning surface are required, which ensures even more intensive cleaning.

The **StepGate dry** model does not only offer the thorough cleaning capacity of the StepGate I, but also effectively reduces the transfer of liquid. This is ensured by the DryPad, an ultra absorbent high-performance fleece that is stretched across a special stainless steel grating. On account of the capillary effects, the micro-toothed textile fibre actively draws the moisture off the soles.



Technical data	StepGate I	StepGate II	StepGate dry
Dimensions (W x L x H)	820 x 980 x 1180 mm	820 x 1960 x 1180 mm	820 x 1960 x 1180 mm
Weight	86 kg	160 kg	135 kg
Brush area (W x L)	660 x 960 mm	660 x 1.920 mm	660 x 960 mm
Drying area (W x L)	–	–	660 x 960 mm
Capacity	15 l	2 x 15 l	15 l



YouTube



- ▶ No connections to the power and water supplies required
- ▶ No wastewater draining port required
- ▶ Intensive sole cleaning und disinfection
- ▶ Mobile on account of fork lift pick-up
- ▶ Optional with sole drying
- ▶ Can also be operated in dry mode.



StepGate dry

Solamat

90 · 100 · 200

Solid and compact dry cleaning

The stable sole cleaning machine **Solamat 90** has four brushes, which counter-rotate and clean the soles from below. Two lateral disk brushes clean the edges of the soles. Brushed off dirt falls into the large dirt collecting tray. This tray can be easily emptied. The ergonomically shaped handrail provides the user with firm hold.

The sole cleaning machines **Solamat 100** and **200** are designed for industrial applications, too. These types are equipped with four revolving brushes cleaning the soles and two lateral disk brushes do the same with the edges of the shoes. In addition, the upper leather brush cleans the upper shoe. Brushed off dirt falls into the large dirt collecting tray underneath the brushes. This tray can be easily emptied. The belt drive ensures tractive power and smooth running.

The **Solamat 200** model is equipped with an extractor and filter unit in the housing frame, in addition. The filter can be easily replaced.



Solamat
100/200 only



Solamat 90



Solamat 100



Extractor and filter unit (Solamat 200)

Technical data	Solamat 90	Solamat 100	Solamat 200
Dimensions (W x D x H)	460 x 560 x 1140 mm	460 x 600 x 1100 mm	460 x 600 x 1100 mm
Weight (kg)	47 kg	60 kg	62 kg
Drive	Round belt drive with high-power motor		
Bristles	4 revolving brushes, 2 round brushes (Nylon)		
Upper leather brush	–	1 brush horsehair*	1 brush horsehair*
Starter	Foot sensor with timer		
Mains connection	230 Volt (110 Volt optional), 180 Watt, 750 rpm.		
Extraction volume**	360 cum/h (with filter mat 500 g/sqm)		
Filter classes**	according to DIN 24185 – EU 4 / according to EN 779 – G 4		
ESD versions (optional)	✓	✓	✓
Paint, housing (RAL)	● graphite (7022) ● agate-grey (7038)		
Paint, handrail (RAL)	● black (9005) ● red (3020)	–	–

*optional nylon – without surcharge / **Solamat 200 only



- ▶ Compact design
- ▶ Powerful, robust motor
- ▶ Smooth running on account of round belt drive



Solamat 200

Solamat 400 · 450

Lean and efficient cleaning system

This high-quality industrial equipment is entirely made from stainless steel and recommended to be used as forced sluice. Even before entering the cleaning area, an optical sensor located in the handrail recognises the user and starts the four counter-rotating revolving brushes. Leaving the unit, the drive stops automatically.

Models **Solamat 400** and **450** operate dryly. Dirt brushed off is collected in the dirt collecting tray underneath the cleaning area. For cleaning this tray can be easily emptied. The model **Solamat 450** is additionally equipped with an aspiration socket. By means of this socket, the equipment can be connected to an indoor aspirator or industrial vacuum cleaner.



- ▶ Small standing area
- ▶ Continuously variable brush speed
- ▶ Made of stainless steel completely
- ▶ Lean and efficient cleaning system



Technical data	Solamat 400	Solamat 450
Dimensions (W x D x H)	700 x 750 x 1280 mm (Housing height 190 mm)	
Weight	90 kg	91 kg
Brush speed	Continuously variable frequency converter	
Brush area (W x D)	400 x 500 mm	
Brushes	Black revolving brushes Ø100 mm	
Bristles	Nylon 0,4 mm, hard	
Mains connections	230 Volt, 50 Hz	
Automatic start/stop	by optical sensor	
Motor	0.25 kW, 50 Hz, Iso-Cl F	



Solamat 450



Solamat 400



Cleaning area of the Solamat 400/450, with rotating brushes

Neptun SC1



Separate cleaning of sole and upper shoe

Sole cleaner with 2½ advantages

The sole cleaning machine Neptun SC1 (Sole Cleaner 1) combines 2½ important functions in compact space. The standard function enables wet cleaning of the soles of clogs, work shoes and boots. Dirt on top of the shoes can easily be washed off by the practical EasyClean function – a separate cleaning opening below the revolving brush.

The machine is to be preferred when boot cleaning is an exception. Bootlegs or plastic pants can be easily and effectively cleaned by means of the integrated handbrush. For this purpose, the handbrush is equipped with an individually controllable water inlet. Even better hygiene results can be achieved by adding disinfecting or cleaning detergents. The connected supply tube can be individually adjusted to control the quantity of fed cleaning detergent. A stable and easy-to-reach platform is used to store the detergent container.

The Neptun SC1 is quickly cleaned without any additional tools. The switch cabinet is to be arranged on the wall behind the equipment. In this way, the cabinet is located outside of the wet and dirt areas.



Storage grating for cleaning detergents



Quick-action bow sluice for easy cleaning



Hand brush cleaning



Technical data	Neptun SC1
Dimensions (W x D x H)	760 x 640 x 1220 mm
Weight	50 kg
Design	V2A stainless steel, matt
Type of brush	1 horizontal brush (sole and upper material), 1 handbrush
Water pressure recommended	3 bar
Water temperature	5-50 °C
Water flow rate	4 l/min
Mains connection	400 Volt, 0.18 kW, 50 Hz*
Control	Switch cabinet for wall mounting
IP protection class	IP 55

*Special motor on request



- For very dirty soles
- Robust nylon brushes
- EasyClean function
- Made of stainless steel completely
- Fast and easy cleaning of the machine



Neptun BC1

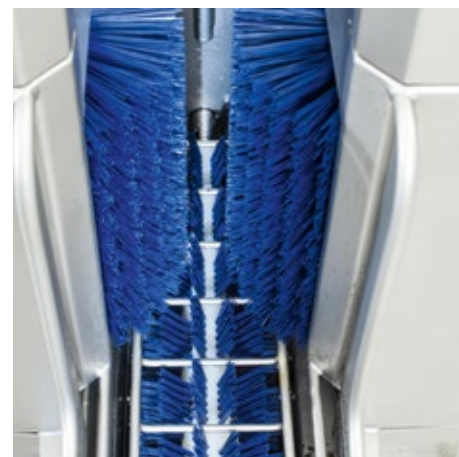
A sole & boot cleaner offering three advantages

Cleaning both the sole and entire boot, the universal machine **Neptun BC1** (Boot Cleaner 1) solves any problem with dirt. Its sophisticated and functional design enable efficient and quick washing of both the sole, uppers and bootlegs of work boots and shoes separately from each other. Thus, the **Neptun BC1** combines the functions of several machines in a single unit.

The two vertical roller nylon brushes clean intensively the bootlegs, while the lower horizontal brush provides for perfect finish of the sole. For pure sole cleaning on clogs and low shoes, the lower revolving brush can also be started and operated individually. Therefore, the **Neptun BC1** adapts to the needs of each user. Dirt on the upper shoe can be easily washed off thanks to the practical EasyClean function. There is a separate cleaning opening underneath the revolving brush. A quick release permits complete swing-up the stainless steel front section, enabling fast and easy cleaning of the machine. The switch cabinet is hung directly behind the **Neptun BC1** and thus, located outside of the wet and dirt area.



Easy cleaning of the upper shoe



Roller brushes made from nylon



Simple opening for cleaning purposes



Bracket for cleaning detergent

Technical data	Neptun BC1
Dimensions (W x D x H)	770 x 870 x 1270mm
Weight	140 kg
Design	V2A stainless steel, matt
Brushes	2 vertical brushes (boot sides) 1 horizontal brush (upper and lower sides)
Water pressure recommended	3 bar
Water temperature	5-50 °C
Water flow rate	5 l/min
Mains connection	400 Volt, 0.55 kW, 50 Hz*
Control	Switch cabinet for wall mounting
IP protection class	IP 55

*Special motor on request



- For very dirty shoes and boots
- Individually controllable brushes
- Robust nylon brushes
- EasyClean function
- Completely made of V2A stainless steel
- Fast and easy cleaning of the machine

Neptun SCS1



Robust nylon brushes

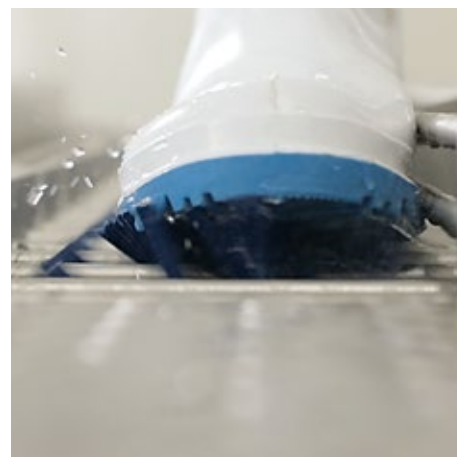
Comfortable sluice for wet cleaning of soles

This industrial sole cleaning system **Neptun SCS1** (Sole Cleaning System 1), designed as a sluice solution, generates highest efficiency in smallest space and simply and effectively cleans very dirty soles.

Owing to its compact dimensions, the personnel sluice fits in both small and large passages and due to its length, cannot be by-passed, in no way. The system is equipped with two light barriers, one at the entrance and the other at the exit. After crossing the light barrier, the nylon brushes automatically start rotating and water as well as medium are supplied. The runtime is individually adjustable.

For cleaning purposes or removal of the long revolving brushes, the passageway can be simply folded up.

The control cabinet is separately mounted on a wall, and thus, located outside of the wet and dirty area.



Thorough wet cleaning



Separate supply of the cleaning detergents



Person recognition by light barrier



Technical data	Neptun SCS1
Dimensions (W x D x H)	1420 x 840 x 1170mm
Weight	180 kg
Design	V2A stainless steel, matt
Type of brush	2 horizontal brushes (sole cleaning)
Water pressure recommended	3 bar
Water temperature	5-50 °C
Water flow rate	7 l/min
Mains connection	400 Volt, 0.75 kw, 50 Hz*
Control	Switch cabinet for wall mounting
IP protection class	IP 55

*Special motor on request



- ▶ Sluice solutions with forced guidance
- ▶ For very dirty soles
- ▶ Robust nylon brushes
- ▶ Start by light barrier
- ▶ Made of stainless steel completely



Neptun HCS1



Stable nylon brushes

Controlled hygiene with short cleaning time

Sole cleaning sluices with integrated hand cleaning ability are an essential must for meeting the personal hygiene requirements in production plants. The industrial sole cleaning system **Neptun HCS1** equipped with firmly integrated hand cleaning/hand disinfection prevents introduction of dirt and germs and in this way ensures compliance with the hygiene concept.

Two rotating nylon brushes clean and disinfect the soles of the employees in pass-through mode. The passing-through time can be adjusted as required. Light barriers start the robust brushes running when entering the sluice, which is accessible from both sides. The subsequent contactless hand disinfection is based on the activation of the two infrared sensors. The dosing rate is freely adjustable for both sole cleaning and hand disinfection. The built-in turnstile opens only after the hands have been cleaned.

The equipment can be quickly and easily cleaned due to the swing-up walkway.



Hygienic wet cleaning



Contactless hand disinfection



Access after cleaning has been finished.



Technical data	Neptun HCS1
Dimensions (W x D x H)	1620 x 910 x 1670mm
Weight	213 kg
Design	V2A stainless steel, matt
Type of brush	2 horizontal brushes (sole cleaning)
Water pressure recommended	3 bar
Water temperature	5-50 °C
Water flow rate	7 l/min
Mains connection	400 Volt, 0.8 kW, 50 Hz*
Control	Integrated V2A switch cabinet
IP protection class	IP 55

*Special motor on request

NEW



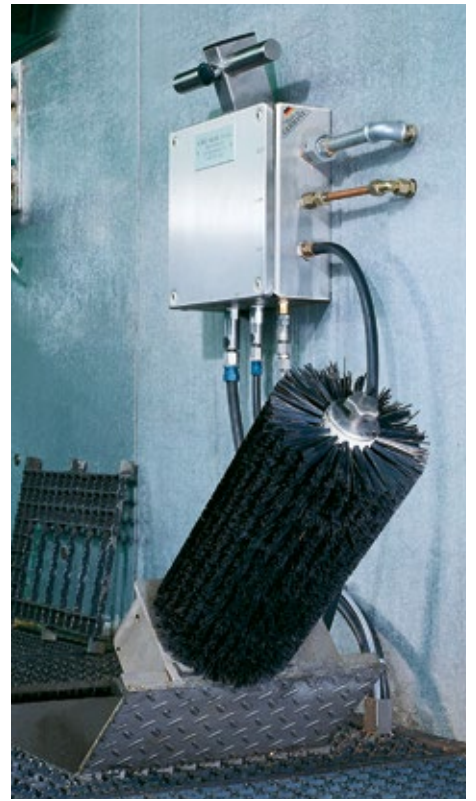
- ▶ Sluice solutions with forced guidance
- ▶ Access control by turnstile
- ▶ Adjustable running time of the revolving brushes
- ▶ Controllable dosing rate for sole cleaning
- ▶ Integrated, easy-to-dose hand disinfection or soap
- ▶ Completely made of V2A stainless steel



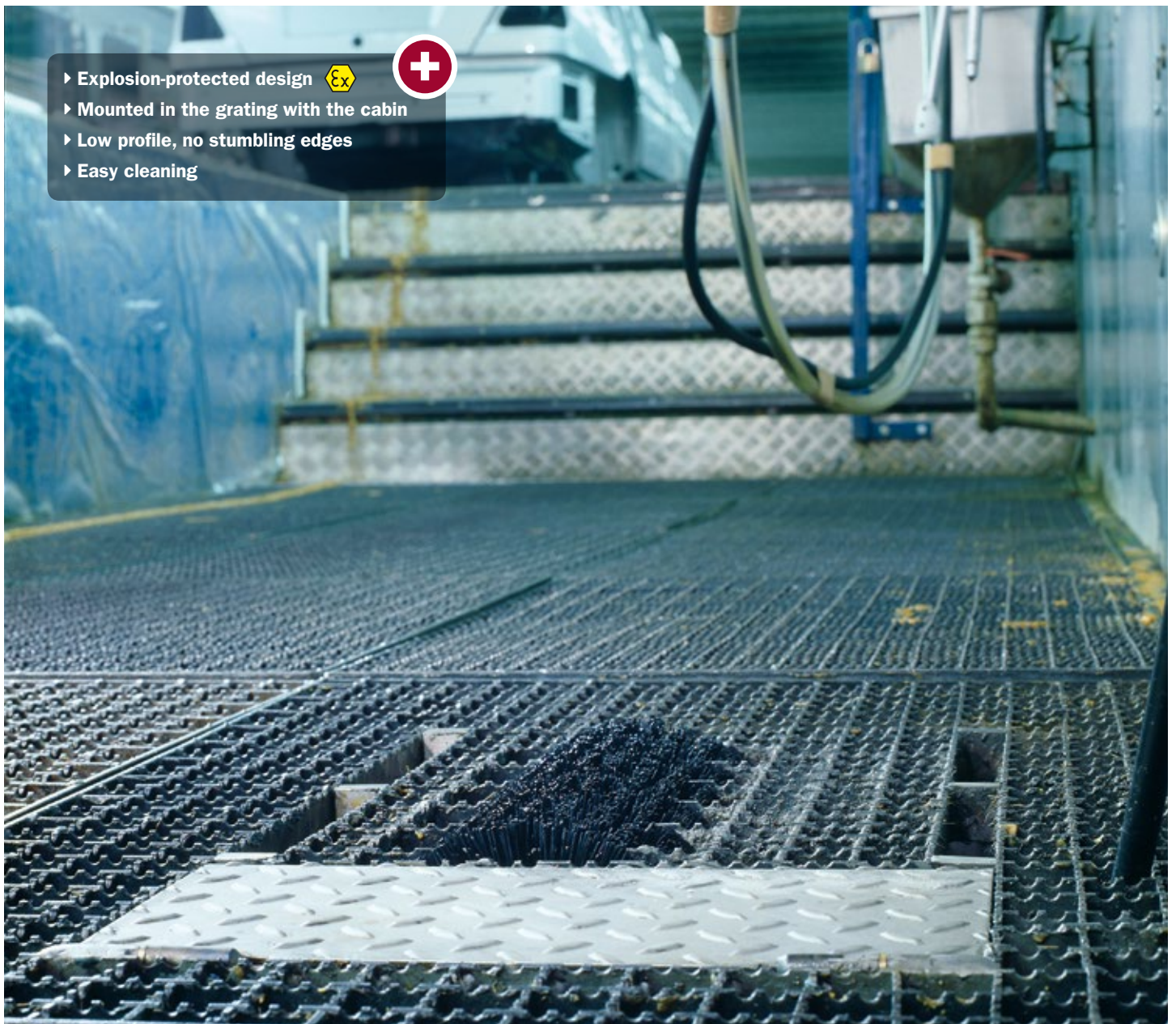
Neptun Automotive

Special executions, for example, painting chambers

These sole cleaning systems are built in the walkways of the painting plants and remove wax, primers and paint from the employees' soles. Due to the explosion-protected construction, these systems can be installed in cabins and thus, prevent danger of slipping and dirt distribution to the outside.



- ▶ Explosion-protected design 
- ▶ Mounted in the grating with the cabin
- ▶ Low profile, no stumbling edges
- ▶ Easy cleaning



Further products of HEUTE



Shoe Shine Machines



Since more than 60 years,
the shoe shine machines from HEUTE
are in use worldwide.

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ProfilGate® – The innovative cleaning system



The ProfilGate® range offers an entire
system for active cleaning of soles
and tires, in industrial environments.

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