



# 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 role.

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)



## Contents

Model	* 	Contamination	Page
<b>ProfilGate® go</b> The innovative cleaning system based on a unique technology	∞ 	Dust, sand dry dirt	6
<b>Solamat 90</b> Solid and compact dry-cleaning system	< 20 	Dust, sand dry dirt	8
<b>Neptun SC1</b> Sole cleaner with 2½ advantages	< 50 	Mud, oil, grease, lubricants	10
<b>Neptun BC1</b> Sole cleaner with three advantages	< 50 	Mud, oil, grease, lubricants	12
<b>Neptun SCS1</b> Comfortable sluice for wet cleaning of soles	< 200 	Mud, oil, grease, lubricants	14

\*Persons per hour

Sole cleaning

Upper shoe cleaning

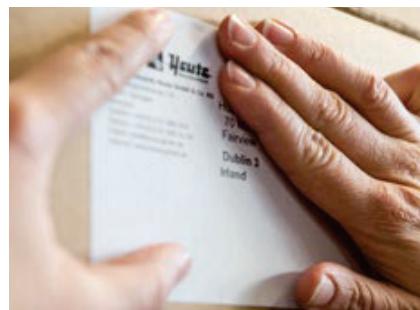
Wet cleaning / disinfection

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.



## 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.



## Careful assembly

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



## 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](http://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

## 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.

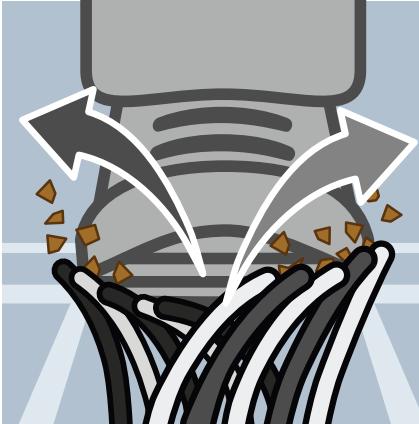
In the past, cleaning machines had been the only means of removing the dirt introduced by a lot of effort subsequently.

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 brochure ProfilGate® or ProfilGate® aqua or on our website [www.profilgate.com](http://www.profilgate.com)!**



Patented cleaning system



Handcarts can pass also



ProfilGate® go with revolving ramps



ProfilGate® fitted for vehicles is available as well



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



# Solamat 90

## 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.



Technical data	Solamat 90
Dimensions (W x D x H)	460 x 560 x 1140 mm
Weight (kg)	47 kg
Drive	Round belt drive with high-power motor
Bristles	4 revolving brushes, 2 round brushes (Nylon)
Upper leather brush	–
Starter	Foot sensor with timer
Mains connection	230 Volt (110 Volt optional), 180 Watt, 750 rpm.
Extraction volume**	–
Filter classes**	–
ESD versions (optional)	✓
Paint, housing (RAL)	<input checked="" type="checkbox"/> graphite (7022) <input type="checkbox"/> agate-grey (7038)
Paint, handrail (RAL)	<input type="checkbox"/> black (9005) <input checked="" type="checkbox"/> red (3020)



Solamat 90, agate-grey

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



# Neptun SC 1

## 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.



Technical data	Neptun SC1
Dimensions (W x D x H)	760 x 640 x 1220 mm
Weight	50 kg
Design	V2A 1.4301 (X5CrNi18-10), AISI 304
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, 50Hz*
Control	Switch cabinet for wall mounting
IP protection class	IP 55

\*Special motor on request



Separate cleaning of sole and upper shoe



Storage grating for cleaning detergents



Quick-action bow sluice for easy cleaning



Hand brush cleaning



- 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.

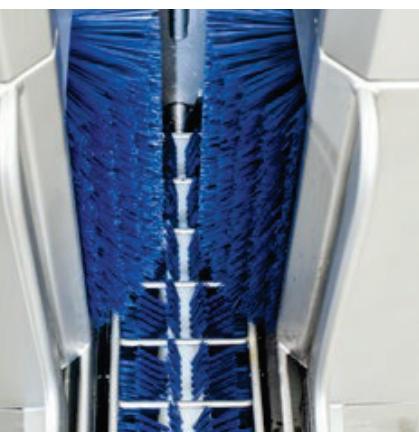


Technical data	Neptun BC1
Dimensions (W x D x H)	770 x 870 x 1270 mm
Weight	140 kg
Design	V2A 1.4301 (X5CrNi18-10), AISI 304
Brushes	2 vertical brushes (boot sides) 1 horizontal brush (upper and lower sides)
Water pressure recommended	3 bar
Water temperature	5-50°C
Water flow rate	5 l/min
Mains connection	400 Volt, 0.55 kW, 50 Hz*
Control	Switch cabinet for wall mounting
IP protection class	IP 55

\*Special motor on request



Easy cleaning of the upper shoe



Roller brushes made from nylon



Simple opening for cleaning purposes



Bracket for cleaning detergent



- 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 SCS 1

## Comfortable sluice for wet cleaning of soles

This industrial sole cleaning system **Neptun SCS 1** (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.

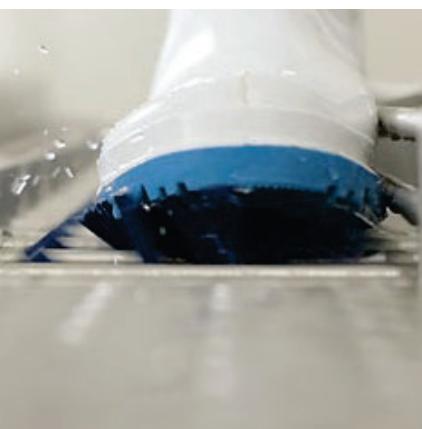


Technical data	Neptun SCS1
Dimensions (W x D x H)	1440 x 830 x 1170 mm
Weight	180 kg
Design	V2A 1.4301 (X5CrNi18-10), AISI 304
Type of brush	2 horizontal brushes (sole cleaning)
Water pressure recommended	3 bar
Water temperature	5-50 °C
Water flow rate	7 l/min
Mains connection	400 Volt, 0.75 kw, 50 Hz*
Control	Switch cabinet for wall mounting
IP protection class	IP 55

\*Special motor on request



Robust nylon brushes



Thorough wet cleaning



Separate supply of the cleaning detergents



Person recognition by light barrier



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



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