

# PRODUCTS & SOLUTIONS GUIDE



## CLEAN IS CHANGING

Let's change it for the better.

Nilfisk Liberty

# CLEAN MORE, FASTER

How much more could you get done if your scrubber dryer could guide itself?

The Nilfisk Liberty SC50 and SC60 free up your staff for more important jobs that call for a human touch, while they clean autonomously for hours on a single charge.



Contact your local Nilfisk representative  
to book a demo





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# CLEAN IS CHANGING

Let's change it for the better.

## PURSUING SUCCESS IN A WORLD OF HIGHER STANDARDS

Clean is changing. The COVID-19 pandemic has increased the world's focus on cleanliness and hygiene.

A high standard of clean is now business-critical in every industry, and cleaning processes are moving from backstage to centre stage.

This isn't a small adjustment – it's a paradigm shift that requires companies to completely rethink their approach to the concept of cleaning.

To help customers like you navigate the changing standards, demands, and requirements now faced by businesses both large and small, Nilfisk identified and analysed four key criteria – the 4 Dimensions of Clean – that enable us to reevaluate how we clean, and why it matters.

They are the map we'll use to assist your transformation and success in a new era, where cleaning is at the forefront of global efforts to provide a safer, healthier,

and more productive quality of life. Our goal is to ensure that our partners don't just adapt to the new reality, but also thrive because of it.

Let's do more than change the way we clean – let's change cleaning for the better.

**HOW PREPARED IS YOUR BUSINESS?  
CLICK HERE TO LEARN MORE**





# THE 4 DIMENSIONS OF CLEAN

## #1 Scope

Today, cleanliness, safety, and trust are interdependent and inseparable. We're working to help develop cleaning programs that prioritise all three while supporting bold business targets.

## #2 Tech-enhancement

We're supplying autonomous cleaning solutions and other cutting-edge innovations that can help to deliver cleaner, safer environments more efficiently than ever before.

## #3 Transparency and visibility

No matter the industry, the need for constant cleaning must be balanced with the need to maintain every customer's peace of mind – so we're providing guidance on to handle both.

## #4 Sustainability

We want the world to make a greater effort to prioritize smarter, greener cleaning solutions, as well as the resource- and cost-saving opportunities that they enable.

A man in a dark shirt and jeans is operating a grey and blue scrubber dryer on a polished floor. The background features a large, modern building with a distinctive honeycomb-patterned glass facade. The ceiling is dark with recessed lighting. The overall scene is brightly lit, suggesting a clean and professional environment.

# SCRUBBER DRYERS

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## SC100 E

### THE MASTER OF SMALL SPACES

Leave the mop and bucket behind with help from the SC100, which can move both forwards and backwards to leave any area clean, dry, and ready to receive visitors.

- Consistent application of clean solution minimises residual dirt and bacteria risk
- Ergonomic one- or two-handed operation, and lightweight to transport
- Eco and double-flow settings for both light and heavy applications



## SC250

### SCRUB AND SWEEP, CORNER TO CORNER

A compact powerhouse for fast cleaning of hard floors, battery-powered it handles three separate cleaning tasks in a single pass. Unmatched efficiency and amazing results.

- 34 cm cylindrical brush removes debris, dirt, and even smaller particles
- 6L solution/recovery tank for up to 40 minutes runtime before refill
- Ability to scrub forwards and backwards



## SC351

### NEXT GENERATION SMALL-SCALE SCRUBBING

High brush pressure, long battery life, and the ability to scrub both forwards and backwards – an excellent choice for small area daily cleaning.

- Low-noise operation for daytime tasks
- Adjustable brush deck and water flow
- Tool-free installation, maintenance, and removal of squeegee blades



## SC401 43 BD

### FASTER, SMARTER, BETTER FLOORCARE

Designed to operate at a speed that optimises productivity without sacrificing manoeuvrability or accuracy. Boosts hygienic standards across indoor environments.

- 43 cm deck equipped with brush or pad
- Up to 4 hours continuous scrubbing and drying (battery version)
- Detergent-dosing system reduces resource-consumption



## SC500 53 B

### BUILT TO GIVE ATTENTION TO EVERY DETAIL

A scrubber dryer that is carefully designed to improve productivity and drive down your total cleaning costs.

- SmartFlow™ and EcoFlex™ match detergent flow with speed and floor material
- SilenTech™ low noise for daytime use
- SC500 REV™ also available with orbital scrubber deck for heavier jobs



## SC530 53 BD

### KEEPING FLOORCARE SIMPLE

A cost-effective scrubber dryer that can cover more ground in less time, the 61-litre SC530 is a perfect choice for applications in larger area.

- Traction-equipped version improves manoeuvrability
- Easy access to batteries and chemical reserves
- Highly ergonomic operation of brush deck reduces fatigue

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**CLEAN WITH  
RESOURCE-EFFICIENT  
PRECISION**

**ecoflex™ system**

Whatever your floorcare regimen demands, Ecoflex™ makes the job easier – and more effective. Ecoflex-equipped scrubber dryers allow you to adjust your machine's detergent flow on the go, so whether you need a major boost for a tough spot, you can be sure that the right solution is ready.

Years of industry-leading experience have made Nilfisk scrubber dryers the go-to for high productivity and unbeatable results. Maximum lifespan, low maintenance requirements, and extreme ease of use are all hallmarks of every floorcare solution we offer.



## SC2000 53 B

**DOUBLE YOUR CLEANING OUTPUT**

A micro ride-on scrubber built to significantly reduce working effort in larger spaces. It offers a top speed of 6 km/h – a 33% increase over a walk-behind machine.

- Highly manoeuvrable, even in narrow spaces
- SilenTech™ and EcoFlex™ for low-noise, resource-efficient daytime cleaning
- 70L tank provides up to 120 minutes of cleaning before dump and refill



## SC3500 GO

**A MID-SIZE BOOST FOR HIGH PRODUCTIVITY**

If you need big indoor performance from a more compact scrubber dryer, the SC3500 is an ideal and reliable choice with a low total cost of ownership.

- Automatic lifting/lowering of brush or squeegee
- Increased brush pressure for cleaner, dryer results in less time
- Fast, convenient, and ergonomic operation



## BR755

**PERFORMANCE, ERGONOMICS, RELIABILITY**

Equipped with power to handle everything from simple daily work to heavy-duty restoration tasks, the BR755 is ready to handle all challenges with ease.

- Adjustable scrubbing pressure and EcoFlex™ system for optimal performance
- Up to 4.5 hours of runtime
- Low-noise vacuum motor for more convenient daytime cleaning



## SC5000

**FASTER, SMARTER, EASIER FLOORCARE**

A compact, highly manoeuvrable scrubber dryer that combines intuitive operation, exemplary performance, and leading resource-efficient technologies into a single package,

- Best-in-class turning radius in a profile narrow enough for any corner or aisle
- SmartFlow™ adjusts detergent and water pressure according to speed
- Sealed cylindrical brush protects moving parts for up to 4x greater lifespan



## SC6000

**THE BIGGEST JOBS FEEL A LOT SMALLER**

A high-capacity powerhouse that produce shining results from start to finish in the largest environments, while still managing to save on resources, time, and maintenance.

- SmartFlow™ and EcoFlex™ manage detergent consistent cleaning and safety
- Dual-disc (86 cm or 105 cm) or dual-brush (91 cm) deck system
- 4.5 hour battery life for top-tier productivity

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# SETTING A SAFER STANDARD

## A WIN WIN FOR OPERATORS AND PERFORMANCE

Mikkeli Siivotaan Oy is a family business that provides professional cleaning services, with a particular focus on quality and personal involvement that has resulted in fast, substantial growth. CEO Osku Nykänen highlights quality and efficiency as essential to the company's operations, and envisions its future as Finland's most respected player in the cleaning industry.

Osku Nykänen needed a cleaning solution that could operate efficiently in industrial settings as easily as supermarkets.

The versatile features and flexibility of the Nilfisk SC2000 scrubber dryer were immediately attractive, but in the end, one of their foremost reasons for selecting the SC2000 was actually its focus on occupational health and safety. Large-scale daily cleaning is time consuming and can become uncomfortable, so the SC2000 was built to make it easier for operators to get the job done. In addition to better ergonomics, the ride-on SC2000 can reduce mobility requirements by up to 20,000 steps a day, reducing the operator's risk of overworking their lower back and legs. Another occupational-safety issue is

visibility: operators need to know what's going on around them, and everyone in the environment needs to be aware of the operator, as well. The scrubber's improved sightlines and mounted warning light took care of both issues.

In addition to efficiency and increased occupational safety, the SC2000 offered something else that competitors couldn't match: exemplary performance. The machine's cleaning speed, combined with high-quality scrubbing, proved superior to competitor offerings, and its agility exceeded expectations. Its Ecoflex detergent-management system also

received praise: "With automatic detergent-dispensing, we save a lot of time because we don't need to measure the detergent dosage ourselves. The fresh-water tank stays clean; there's no need for anything other than pure water," says Nykänen.

"After driving the Nilfisk SC2000, we all said, 'We'll take it! We don't even need to consider larger walk-behind models,'" he recalls. Mikkeli Siivotaan Oy can now clean every floor properly with help from this versatile, reliable scrubber, whether it's used in a light-traffic area or a heavily-soiled space. The result is always the same: easy, efficient floorcare, no matter the location.



“ After driving the Nilfisk SC2000, we all said we'll take it!





# CONSIDERATIONS WHEN INVESTING IN A NEW FLOOR CLEANING MACHINE

For the people who hold the purse strings, the upfront price tag of new cleaning equipment is usually the sticking point. But the upfront cost is not a good indicator of the total cost of ownership (TCO) or return on investment (ROI), especially because cleaning equipment can easily last 5 to 8 years or longer. In fact, labour can make up 65-85% of the cost of cleaning when all factors are taken into consideration, compared to the equipment itself which accounts for approx. 3-10%.<sup>1</sup>

The specifics of your TCO and ROI depends on your facility's needs, your staff, and your cleaning goals. The following table shows the major costs and savings associated with purchasing new equipment.

Factors to Consider When Calculatin Total Cost of Ownership	
Costs	Savings
<ul style="list-style-type: none"> <li>Initial price tag</li> <li>Operating costs</li> <li>Maintenance / replacement parts</li> <li>Repairs</li> </ul>	<ul style="list-style-type: none"> <li>Labour / productivity</li> <li>Lifespan on equipment</li> <li>Water and detergent usage</li> <li>Lifespan of flooring</li> </ul>

Since labour accounts for up to 85% of cleaning costs, the biggest savings will come from labour savings. All floor cleaning machines have a productivity rate, which you can use to help estimate your labour savings. In large spaces upgrading from a smaller machine to a larger one can save you thousands in labour costs every year!

A Nilfisk cleaning expert can help you calculate your ROI based on your unique needs.

<sup>1</sup> <https://www.tatry-group.com/blog/costs-involved-in-contract-cleaning>

## TIPS AND TRICKS TO INVEST WISELY

**DO YOUR RESEARCH.** It's important to select equipment from a reliable manufacturer. Make sure you receive a thorough demonstration from the manufacturer or distributor. Really put the floor cleaning machine through its paces. The salesperson should be very knowledgeable and able to discuss and demonstrate all variables.

**INVEST IN TECHNOLOGY.** If budget allows purchase a floor cleaning machine with the latest technological advancements as they tend to be more sustainable. For example, newer units can automatically adjust water and detergent flow according to the speed of the machine.

**DON'T NEGLECT THE MACHINE.** You would not buy a car and expect it to keep performing well with zero attention. Regular preventative maintenance will maintain performance, reduce breakdowns and extend the life of the machine.

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# SINGLE DISC

## FM400 D

### COST-EFFECTIVE MAINTENANCE ALMOST ANYWHERE

With dual-speed capabilities, and capable of scrubbing, high-speed spray cleaning, and polishing, the FM400 is powerful and safe enough for any hard-floor environment, including hospitals.

- Easy handling and ergonomics minimise operator fatigue over long usage periods
- Robust, durable belt-drive construction ensures reliability
- High-visibility cable and IPX4-level water resistance for maximum safety

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A woman with dark curly hair, wearing a black long-sleeved shirt and black pants, is operating a grey Nilfisk combination scrubber/sweeper. The machine has a steering wheel and a gear shift. The background shows a large industrial warehouse with a high ceiling, fluorescent lights, and various equipment. To the right, there is a piece of equipment labeled "Skalteck Ø UX30" with a yellow number "2" on it. To the left, there are large rolls of material. The floor is concrete with yellow and white markings.

# SWEEPERS & COMBINATION SCRUBBER/SWEEPERS

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## SW200

### SPEED UP YOUR BEST STANDARD

Six times faster than a manual broom, the low-noise SW200 makes it easier than ever to keep facilities and outdoor spaces looking their best for staff and visitors alike.

- Direct-throw system ensures excellent sweeping performance
- Built-in filter for dust control and safety
- Simple mechanical construction minimises service requirements



## SW750

### QUIET, EASY, AND RELIABLY VERSATILE

With adjustable brooms, top-grade filtration with shaking, and a working sound level of 59 decibels, the battery-powered SW750 is ready for any space – outdoor or indoor.

- Optional carpet kit for soft flooring
- 2 hours of cleaning, an optional 77 Ah battery increases the runtime to 3.5 hours
- Efficient, intuitive design minimises training requirements



## SW900

### SWEEPING THAT BENEFITS ANY BUSINESS

For institutions seeking even higher cleaning performance and productivity, the SW900 is an excellent time-saver for operators who need optimal control and comfort.

- Controls accessible from operator position
- Ergonomic handlebar for gentler manoeuvring
- Automatic on/off with raise and lower, and electric filter-shaking system

## COMBINATION SCRUBBER / SWEEPER



## SR1101B

### SOPHISTICATED IN ITS SIMPLICITY

At home in larger environments, easy to operate, and available with a range of accessories to improve flexibility, the SR1101 is a strong addition to any cleaning operation.

- Battery allows up to 5 hours of uninterrupted cleaning
- Optional left-side broom improves productivity further
- Strong polyethylene construction with steel frame



## CS7010

### GREENER, CLEANER, AND SMARTER THAN EVER

Representing our drive to redefine an entire equipment concept, the battery-powered – delivers the most forward-thinking sweeping and scrubbing performance in its class.

- High-capacity sweeper hopper and solution tank for unbeatable productivity
- Adjustable, ergonomic seating and steering for minimal operator effort and fatigue
- One-Touch™ control panel for intuitive use

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**Nilfisk Sweepers** help eliminate debris while also keeping dust under control in a variety of indoor and outdoor environments. Our portfolio provides for applications of any size under the toughest working conditions, with exemplary durability, high-capacity collection, and optimal productivity.

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As the demand for cleaning grows, and hygienic standards increase, facilities from airports and shopping centres to grocery stores and schools are using robotic floor scrubber dryers to lower their cleaning costs while improving their cleaning performance. Visit Nilfisk online to learn more about how the Liberty SC50 is ushering in the next era of intelligent cleaning.



# 24/7 SUCCESS AT TORP SANDEFJORD AIRPORT

## **Nilfisk robotic scrubber is the newest cleaning-staff member at Norway's TORP Sandefjord Airport**

**TORP Sandefjord Airport**, located south of Oslo, Norway, is a bustling regional airport that welcomes around 150,000 passengers every month during high-traffic periods. To keep the airport's 27,000 m<sup>2</sup> of floor space in top condition, a 21-member cleaning team works in three overlapping shifts, from 5 a.m. until midnight, every day.

To increase cleaning efficiency while optimising labour costs, Insider Facility

Services, the contract cleaner serving TORP Sandefjord Airport, decided to. As the demand for cleaning grows, and hygienic standards increase, facilities from airports and shopping centres to invest in robotic floor scrubber dryers at the start of 2019. Initially, they purchased two machines from a Nilfisk competitor, but after experiencing numerous issues and unexpected extra charges, Insider Facility Services switched to a single Nilfisk Liberty SC50, and the results speak for themselves.

Today, the Liberty SC50 cleans 70-75% of TORP Sandefjord Airport's public

floor space, including the check-in and arrival areas. According to Henrika Puksmiene, the airport's Operational Contract Manager, the machine saves the cleaning team around 3 hours every day.

In Norway, where the net hourly cost of cleaning labour can be as high as €25 per hour, these time savings equate to roughly €27,000 a year.

### **The challenge**

**Sticking to the cleaning schedule without increasing staff**

As in any airport, cleaning at TORP Sandefjord Airport is a non-stop activity,





## ADVANTAGES OF THE NILFISK LIBERTY SC50

The adoption of the Nilfisk Liberty SC50 was a success, helping Insider Facility Services achieve both of its goals: higher productivity and lower labour costs.

Currently, the machine cleans 3,000-4,000 m<sup>2</sup> every day, and frees up cleaners' time for tasks requiring a human touch, such as maintaining toilets, cleaning retail areas, and dealing with spills. And the operator team, which includes Puksmiene and 10 members of the cleaning team, have not experienced any of the problems exhibited by the previous competitor machines. Here's how Nilfisk assisted Insider Facility Services with improving its cleaning performance and efficiency at TORP Sandefjord Airport through autonomous cleaning.

**1. With the Liberty SC50, new cleaning paths can be programmed easily by operators.** Puksmiene notes that this provides much-needed independence and saves them money. "Even though the Nilfisk product was more expensive up front, we don't have to pay someone else to do the mapping for us afterward."

**2. The Liberty SC50 saves the cleaning team around 3 hours every day.** The original goal of purchasing an autonomous machine was to reduce labour costs. With the Liberty SC50, they have succeeded in achieving that goal. "The machine saves two cleaners about 1.5 hours each every day. That adds up to 3 hours of daily savings."

**3. The Liberty SC50 works independently and delivers reliable performance.** According to Puksmiene, minimal intervention from operators means that, "We can confidently forget about the machine and carry on with other tasks."

**4. Nilfisk provides world-class service and support.** Finally, Nilfisk has lived up to its commitment to supporting the people who keep the world clean and safe. "We've loved the service we've received from Nilfisk so far."

with the toilets posing the greatest challenge. According to the terms of the cleaning contract, each of the airport's seven toilets must be cleaned every 3 hours, or eight times per day. Assuming it takes 15 minutes to clean each toilet, the total time spent on this task adds up to 14 hours per day.

With such a tight schedule, any disruption can have a snowball effect, resulting in cleaners failing to reach their performance targets – and disruptions happen frequently, as spills and other accidents create ad-hoc cleaning emergencies that take priority over regularly scheduled tasks.

Failing to meet the terms of the cleaning contract was not an option, but neither was adding staff. To help the cleaning team meet their targets and keep labour costs under control, Insider Facility Services needed to invest in a robotic scrubber dryer.

### The solution

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up cleaners' time for tasks requiring a human touch, such as maintaining toilets, cleaning retail areas, and dealing with spills. And the operator team, which includes Puksmiene and 10 members of the cleaning team, have not experienced any of the problems exhibited by the previous competitor machines.





# ROBOTIC FLOORCARE

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**Achieve deeper protection with the Liberty SC50 UVGI**

As a world leader in innovative cleaning solutions, Nilfisk recognises its responsibility to help businesses adapt to the new normal of the Covid-19 pandemic. With help from Carnegie Robotics, we have developed an integrated UVGI (Ultra Violet Germicidal Irradiation) module which uses UV-C light to disinfect floors, and which can be paired with our Liberty SC50.

Backed by decades of supporting studies, UV-C technology is a widely used, powerful solution that damages the DNA of viruses, bacteria, and other pathogens – preventing them from multiplying and causing diseases. A Liberty SC50 robotic floor scrubber equipped with the UVGI module can remove dirt and debris while simultaneously disinfecting surfaces using UV-C light. This combination of solutions aims to deliver reliable, effective cleaning and disinfection of indoor spaces where hygiene is of the utmost importance.



## LIBERTY SC50

### FREEDOM TO DO BETTER

Autonomous floor scrubber for medium to large sized environments. Allows staff to focus on other tasks while the Liberty SC50 scrubs for 6 hours on a single charge.

- **Size and Run-Time:** The agile design allows the machine to react to changes in the environment and maintain autonomous operation without operator intervention
- **Simplicity:** We added 3 buttons for autonomy. Record. Play. Stop. This machine is built for a scrubber operator, not a computer programmer
- **Fill-in Mode:** The operator drives around the site to-be cleaned once, and the SC50 calculates the most efficient path to clean the interior of that space, avoiding obstacles along the way



## LIBERTY SC60

### SIMPLICITY AND PRODUCTIVITY IN A LARGE-SCALE SOLUTION

Built on Brain Corp's powerful BrainOS® – the world's most widely-used autonomous operating system – the high-performance Liberty SC60 also boasts the market's largest scrub deck, exemplary runtime, and minimal downtime requirements.

- Best-in-class productivity and runtime
- The largest scrub deck on a comparable BrainOSenabled robotic scrubber
- Reliable obstacle-detection/avoidance along cleaning path



# LEASING TO SUPPORT YOUR GROWTH

Leasing Nilfisk machines lets you keep a highly efficient and updated fleet, while being able to ensure a predictable financial future for your company.

**CONTACT A NILFISK SPECIALIST FOR MORE INFORMATION ON OUR LEASING SOLUTIONS**

**Stay in control of your budget** and grow your business at the same time – one fixed monthly payment over the term of the agreement gives total peace of mind as assets are fully maintained throughout the contract term with no surprises.

**Easy to arrange** – on acceptance we will advise you of your fixed monthly payment which includes fully inclusive

maintenance and breakdown cover. Nilfisk can provide a range of flexible payment options to overcome potential budget constraints.

#### **The key benefits**

Nilfisk Leasing is a plug and play solution for periods of 2-5 years, including machine setup, a full service program, and experienced assistance to help match your business and cleaning needs.

#### **Designed to support your growth**

In consultation with your Nilfisk Account Manager together you can determine the term of your agreement based on your individual business requirements. At the end of the agreement return your existing machine to us and upgrade to a new cleaning machine to meet your current business requirements for another term.



#### **Preserve your cash to invest in your business**

Eliminate the need for an up-front investment and protect cashflow for your core activity.



#### **Easy budgetting with service costs included**

Know your costs in advance, over the entire lifetime of your contract – and optimise the way you plan your business.



#### **Hassle-free solution to free up your time and focus**

Let Nilfisk handle the setup, administration and maintenance of your equipment, so you can focus on keeping your business moving.



#### **High performance end-to-end, from day one**

Receive service from our certified technicians to ensure top-grade cleaning technology with consistent high performance.



# STEAMERS

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## BENEFITS OF STEAM CLEANING

### 1. Effectiveness — Quickly remove both dirt and pathogens

Steam is commonly used in environments with heightened hygienic requirements because it cleans both quickly and thoroughly.

### 2. Convenience — Reopen zones faster

Because steam cleaning uses less water than other cleaning techniques, and because the water it does use is superheated, surfaces dry very quickly after cleaning. In most cases, the surface will be completely dry in less than 10 minutes, compared to the 30-60 minutes common for techniques that use more water. The result is that zones can be reopened sooner after cleaning.

### 3. Sustainability — Use less water, less energy, and fewer/no chemicals

Finally, steam uses less water than other cleaning methods, and chemicals aren't required for sanitisation. The machines also tend to use less electricity, resulting in greater all-around sustainability.

## S04500

### THE SIMPLEST WAY TO STEAM

A compact, user-friendly solution for commercial use, the S04500 excels at light- to medium-duty cleaning tasks.

- 4.5 bar steam pressure, with 1.8L boiler and 5L reserve tank
- Maximum continuous use: 6 hours, with continuous-fill boiler
- Locking front wheels and automatic safety shut-off



## SDV4500

### THE ULTIMATE STEAM-CLEANING MACHINE

Steam, detergent and vacuum steam cleaner unit built for heavy-duty, multi-purpose cleaning and disinfection.

- 4.5 bar pressure with 1.8L boiler capacity
- Maximum continuous use: 6 hours with continuous-fill boiler
- Detergent-injection system for lab-certified sanitisation



## SDV8000

### THE ULTIMATE STEAM-CLEANING MACHINE

Chemical-ready and vacuum-equipped, built for heavy-duty, multi-purpose cleaning and disinfection.

- 8 bar pressure with 3.3L boiler capacity
- Maximum continuous use: 8 hours with continuous-fill boiler
- Detergent-injection system for lab-certified sanitisation



## SV8000

### THE STEAM-VACUUM WORKHORSE

Ideal for chemical-free cleaning in situations requiring minimal drying time, the vacuum-equipped SV8000 provides optimal hygiene at an optimal pace.

- 8 bar steam pressure, with 3.3L boiler and 5L reserve tank
- Maximum continuous use: 12 hours, with continuous-fill boiler
- Removable waste-water tank with locking lid

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# COMMERCIAL VACUUMS

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## VP300 HEPA

### THE RELIABLE EVERYDAY VACUUM CLEANER

Ergonomic and light, the VP300 is straightforward, well-built, and durable, delivering reliable performance for light- and medium-duty applications.

- H13 HEPA filter for top-rated filtration
- Best-in-class filling capacity means less time spent replacing the bag
- Low-noise performance is ideal for daytime cleaning



## VP600 BATTERY

### POWERFUL CORDLESS VACUUM CLEANING

A dual-speed vacuum that enables the flexibility needed for complex environments, the battery-operated VP600 is an attractive choice for safe cleaning in the busiest spaces.

- Dual 36V lithium batteries with 40-minute charge time for high productivity
- Lowest-in-class sound level for daytime applications
- Boost function for heavier tasks



## GD5 BATTERY

### BACKPACK VACUUM WITH MAX MOBILITY

With zero electrical-connection requirements, the compact, highly mobile GD5 Battery offers all you need to get the job done faster without compromising.

- Up to 60 minutes runtime
- Cordless design provides for improved safety in high-traffic areas
- Handles complex spaces with ease thanks to wide range of accessories



## GD5 BACK HEPA

### FAST, EFFECTIVE, AND ALWAYS READY

The Nilfisk GD5 backpack vacuum boasts significant advancements in a lightweight, durable design, coupling low-noise performance with high filling capacity.

- HEPA filter for top-rated filtration
- Suitable for left or right handed use
- 15 m power cable for extensive reach



## VP930 HEPA

### POPULAR AND RESPECTED WORKHORSE

Trusted by our customers from one year to the next, and a dependable solution for the most demanding vacuum applications, the VP930 is compact, efficient, and highly durable.

- Optimised air-flow patterns reduce energy loss and sound level
- HEPA H13 filter for top-rated filtration
- Dual-speed function on select variants

## TOP 3 TIPS FOR VACUUMING

1. Even the most reliable vacuum filter will need to be replaced. Regular replacement of HEPA filters helps maintain hygiene.
2. Make sure your personnel are aware of the need to change the vacuum bag ahead of it reaching full capacity. This helps manage dust-release and reduces the risk of spillage.
3. Protect your back; remember to focus on ergonomics, and let the vacuum do the work.

**Nilfisk Professional Vacuum Cleaners** are designed to provide a superior combination of performance and convenience. Their compact designs enable high manoeuvrability alongside sturdy, robust construction, ensuring reliably consistent results year after year, and high-quality filters help improve the air quality of any environment.

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# COMMERCIAL WET & DRY VACUUMS



## VL100-35

### THE CHOICE FOR EFFICIENCY

Robust, durable, and reliable, the VL100 has your basic wet-and-dry needs covered, and is compatible with the full range of accessories available for our wet & dry portfolio.

- Lightweight design, 8 m cable, and 2 m hose for high mobility and reach
- Versatile accessory capabilities improve task flexibility
- High-capacity bag increases productivity before dump



## VL500 55-2 EDF

### THE PINNACLE OF WET AND DRY VACUUMS

Developed in partnership with customers, and equipped with wet and dry filters capable of simultaneous, independent operation, the VL500 is well suited for extensive use in any environment.

- Entire container can be emptied using Nilfisk Ergo Tipping – without removing motor head
- Easy changing of filters via hinged motor head
- High tank and bag capacity paired with significant suction power



## MAXXI II 75

### THE EASY, EFFICIENT SOLUTION

The MAXXI II presents a number of innovative design features that make for simpler everyday operation, maintenance, and safety, while still offering excellent performance.

- Empty through tip or drain hose – no need to remove motor head
- Dual-filter system handles different substances without intervention
- Standalone trolley for demanding mobile jobs

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# CARPET EXTRACTORS



## TW300

### THE COMPACT ANSWER TO CARPET CHALLENGES

A compact spray extractor for carpet and upholstery cleaning that is easy to transport and handle, the TW300 is perfect for operations that need optimal cleaning mobility.

- Robust, stable design withstands rigorous use
- Maximum suction power for tough dirt
- Low centre of gravity minimises tipping risk



## ES300

### OUR HIGHEST STANDARD IN CARPET CLEANING

With increased capacity, easier operation, and improved performance, the compact ES300 provides for dryer, cleaner results – even in smaller spaces.

- Front-mounted drain hose speeds up and simplifies dumping
- Floating brush head adjusts automatically for better contact and water-recovery
- High manoeuvrability and easy storage after use





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# SAFETY VACUUMS





## ATTIX 33-2L IC

### POWER IN A PROVEN DESIGN

Built to keep air clean in more confined environments, ATTIX 33 dust extractors set the standard for compact power and protection with innovative filtration and robust design.

- Certified for L-class dust
- InfiniClean™ automatic filter-cleaning with dual-filter design
- Multiple bag types for specific applications

## ATTIX 33-2M PC

### STRONGER STANDARD MOBILE PROTECTION

The ATTIX 33-2M offers the same capacity and performance as the tried and tested ATTIX 33-2L, while also providing for containment of higher-risk dust types.

- Certified for M-class dust
- Push&Clean™ semi-automatic filter-cleaning with dual-filter design
- Multiple bag types for specific hazardous-dust applications

## ATTIX 44-2M IC

### PRODUCTIVITY UP AND DUST RISKS DOWN

The 42-litre container capacity and superior suction power of the M-class ATTIX 44-2M make it an even more capacious solution for managing hazardous dust across sites.

- Air-flow sensor with acoustic and LED-based warning systems
- InfiniClean™ automatic filter-cleaning maintains suction
- Automatic on/off when connected to tools

## ATTIX 33-2H PC

### SAFETY WITHOUT COMPROMISE

Designed to protect work environments – and workers – from the most hazardous dusts, the H-class certified ATTIX 33-2H keeps sites safe with high mobility and top-tier filtration.

- Push&Clean™ filter system with 99.995-99.999% efficiency
- Built-in filter for optimal dust control and operator safety
- Consistent suction with air-flow sensor

The smallest dust can pose the greatest threat



FILTERED BY NILFISK ||| NOT YOU

### Protect what matters

1.

Motor Cooling Air filter  
Min 99,9% filtration  
Extra protection of motor unit and other electronic parts.



2.

Upstream Main filter (PTFE)  
Min 99.9% filtration  
A durable and washable, long-life filter with non-stick membrane.

4.

Safety bag  
High performance filter bag, with containment bag and special collar, which ensures dust-free disposal.



3.

Upstream HEPA cartridge filter > 99,995% filtration  
Unique dual filter solution for H-class/Hepa – 3 -stage filtration and extended life – time of filter.

**Nilfisk Safety Vacuums** help ensure optimal protection of both your personnel and work environment during processes that generate hazardous dust. Powerful, reliable, and highly manoeuvrable, they are suitable for recovery of L/M/H-class dust, as well as ATEX Type 22 explosive dust.



# FOUR THINGS TO KNOW ABOUT HAZARDOUS DUSTS

1

According to the European Commission, the word “dust” has no precise scientific significance but is usually defined as solid material that has broken down into fine particles or powder. The size of these particles is as important as their chemical nature; in general, the most dangerous types of dust are those composed of very small particles that are invisible to the human eye, as is the case with fine powders.

2

Dust is divided into three classes, according to the potential risk associated with exposure:

L (low risk), M (medium risk), and H (high risk).



**L-class** dust is considered harmless in small quantities, and includes ordinary dust, such as dirt and debris found in the household.



**M-class** dust is hazardous, but not carcinogenic, and includes dust from certain types of wood, cement, concrete, plaster, putty/filler, paint, varnish, and dust produced from materials containing quartz, such as sand or gravel.



**H-class** dust can be carcinogenic, and includes dust from respirable quartz, hardwood, mold spores, asbestos, lead, mineral fibers, bitumen, and synthetic mineral fibres (e.g. glass wool).

3

Dust can change character as it is processed. Many M-class materials can produce H-class respirable quartz during construction processes, such as when flint, sandstone, granite, or concrete, is processed during processes such as grinding, sawing, cutting, chopping, milling, sandblasting, or drilling. Because of this risk, safety precautions are strongly advised, including the use of an approved H-class dust extractor.

4

There are several ways to control hazardous-dust exposure, and all are important:

- Wear an appropriate respirator or face mask
- Use a H-class industrial vacuum cleaner
- Use tools connected to individual vacuum cleaners or centralised vacuum systems
- Set aside time for regular cleaning
- Limit exposure to dust with practical measures.



Approved for use in environments where there is an explosion risk because of the presence of combustible gas or dusts.



## ATTIX 995 H/M TYPE 22

MAXIMUM SAFETY IN EXPLOSIVE ENVIRONMENTS

Designed to protect work environments – and workers – from the most hazardous dusts, the H-class certified ATTIX 33-2H keeps sites safe with high mobility and top-tier filtration.

- High-volume containment of explosive, M-class, and H-class dust
- XtremeClean™ automatic filter-cleaning system
- Built-in air-flow sensor with acoustic warning system



## ATTIX 40-0M PC TYPE 22

HANDLE TWO TYPES OF DUST AT ONCE

A powerful vacuum approved for containment of both M-class dust and dust generated in ATEX Zone 22 environments, the Type 22 is perfect for maximising industrial safety.

- Brushless, long-life EC motors for ignition-free performance
- High-quality stainless-steel container
- Push&Clean™ filter-cleaning system for consistent suction

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# CLEARING THE AIR WITH C. KRISTOFFERSEN & SON

The smallest dust can pose the greatest threat – something that Øyvind Kristoffersen knows well. As the Site Manager at C. Kristoffersen & Son, one of his foremost concerns is ensuring the health and safety of his employees. He explains that while the primary issue was once steam and fumes, the greatest challenge is now hazardous dust. “Not everyone is aware that many tasks generate fine dust that may pose a serious health risk, and cause severe lung issues – both short- and long-term.”

For C. Kristoffersen & Son, the restoration and development of houses is a business cornerstone, and house-related work often includes surfacing with plaster and putty, floor-laying, and painting. Almost every job entails sanding of a given surface, oftentimes with a giraffe grinder, resulting in large quantities of dust – some of which is very fine, posing a potential danger to the lungs of anyone present in the work area.

While Kristoffersen was searching for vacuums at an industry fair, he struck up a conversation with a Nilfisk sales representative. The rep explained to Kristoffersen the importance of using the correct vacuum; the difference between L-, M-, and H-class filtration; and how H-class machines are crucial for filtering the sort of dust that he and his team

regularly deal with: particles so small that they are individually invisible to the naked eye, and impossible to exhale once inhaled. Kristoffersen quickly recognised that the need to protect his people was greater than he’d initially thought, and so he placed an initial stock order for ten H class Nilfisk vacuums.

Now that he’s fully aware of the danger posed by hazardous dust, as well as how easy it is to generate – and manage – Kristoffersen is calling for better, more widespread information-sharing on hazardous-dust control. He is particularly concerned about its impact within the building and construction industries, and fears that too few people – managers or otherwise – are aware of the risks. “At many work sites, you’re required to protect your head, feet,

eyes, and face. This list should also include your lungs, since the consequences of failing to do so can be serious – and last a lifetime.”

C. Kristoffersen & Son currently operate around 15 vacuums, both M- and H-class, across the different jobs performed by the team. “It’s naturally tempting to want to save money when buying an industrial vacuum, but when you know what kind of benefits you can get if you invest a little bit extra, it makes sense to buy a machine that protects people properly,” Kristoffersen explains. “It’s an easy choice.” Nilfisk feels the same, and will continue encouraging our partners to acquire all the knowledge needed to protect themselves, and others, from the invisible threat of hazardous dust.



“ To save money when purchasing an industrial vacuum is naturally tempting for most people, but when you’re made aware that if you choose to just invest a little bit extra, you’ll get a machine that protects you and your employees properly – there is no doubt what you choose to do. Kristoffersen explains.





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# INDUSTRIAL VACUUMS



## AERO 21-01 PC

**SMALL PRESENCE, BIG IMPACT**

It may be the smallest model in the AERO series, but the AERO 21 still boasts tremendous performance and smart features that make it an indispensable asset to your workforce.

- Push&Clean™ filtration system optimises performance from start to finish
- Washable PET-fleece filter with 99% filtration efficiency
- Convenient accessory and cable storage



## ATTIX 50-01

**NEXT-LEVEL PERFORMANCE**

The superior choice for high-frequency cleaning of heavily soiled sites, the low-noise ATTIX 50 can answer the most demanding customer needs across many industries.

- Push&Clean™ filter-cleaning system keeps suction high
- Handy storage for tools and accessories
- Washable PET-fleece filter reduces costs



## ATTIX 751-11 110V

**UNBELIEVABLE HIGH-VOLUME PERFORMANCE**

Perfect for users who need a high-capacity, high-efficiency solution for wet and dry applications, the ATTIX 751 provides genuinely impressive results with powerful filtration.

- Washable PET fleece filter
- 70 litre stainless steel container
- Low-sound level minimises disturbance



## ATTIX 961-01

**WHEN TOTAL CONTAINMENT MATTERS**

A dual-motor, large-capacity option for spills and maintenance cleaning during the toughest applications, the ATTIX 961 keeps emptying to a minimum and provides long runtime, day after day.

- High-quality, stainless-steel construction with tilt and lift-off options
- MultiFit accessory system for maximum task flexibility
- PET-fleece filter with 99.9% filtration efficiency

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**Nilfisk Industrial Vacuums** are the optimal solution for maintaining hygienic production facilities. Capable of cleaning in confined areas, and well suited for removal of hazardous dust and fumes, they are also useful in areas where dust emissions must be minimised or avoided altogether, such as laboratories and clean-room facilities.

## S3 L50 LC L GV CC

### KEEP LIQUID UNDER CONTROL

Boasting the same significant power as the standard S3 L50, but also equipped with accessories for collection of liquids, the S3 L50 LC improves safety and productivity in more challenging spaces.

- Optimised for environments that generate liquid waste
- Grid and valve for liquid/solid separation
- Cyclonic separation prevents filter clogging



## S3B L50

### THE MECHANICAL SECTOR'S BEST FRIEND

Reliability, power, and simplicity, are what define the highly mobile S3B L50, which is equipped with three bypass motors for optimal cleaning and maintenance of machinery and tools.

- 50L container with easy removal and emptying
- Ergonomic design for stress-free use and transport
- HEPA absolute filter available



## S3B L100

### THE MECHANICAL SECTOR'S BEST FRIEND

Reliability, power, and simplicity, are what define the highly mobile S3B L100, which is equipped with three bypass motors for optimal cleaning and maintenance of machinery and tools.

- 100L container with easy removal and emptying
- Ergonomic design for stress-free use and transport
- HEPA absolute filter available



## VHO200

### SAFE LIQUID COLLECTION HAS NEVER BEEN EASIER

The VHO200 is a powerful combination of safety and simplicity, enabling efficient collection of liquids and residual solids across a multitude of sectors and applications.

- Modifiable filtration and thorough drainage
- Full motor protection against liquid seepage
- Specialised accessory kits available for different sectors



**All-In-One Vacuum Range:**  
 plug and play, designed  
 for specific applications,  
 complete with accessory kits.



**General  
 Cleaning**



**Building and  
 Construction**



**Metal  
 Mainly for  
 Oil Collection**



**VHS120CB**

A CLEANER WORK ENVIRONMENT IN MINUTES

Efficiently designed to offer simple, effective cleaning for specialised industrial spaces, the versatile VHS120 is ready to help maintain an optimal standard of hygiene and safety.

- Highly effective in both large areas and confined spaces
- Ergonomic, manual filter-shaking system
- Suitable for both wet and dry surfaces

**VHS120CB HC**

OUR MOST POWERFUL COMPACT SOLUTION – NOW FOR H-CLASS DUST

A single-phase solution for hazardous applications demanding high performance and compact dimensions, the VHS120 makes quick work of the most tenacious dust.

- Suitable for filtration, containment, and disposal of M- and H-class dust
- Vacuum gauge with air-flow monitoring and warning indicator
- Includes antistatic accessory kit

**VHO200CB**

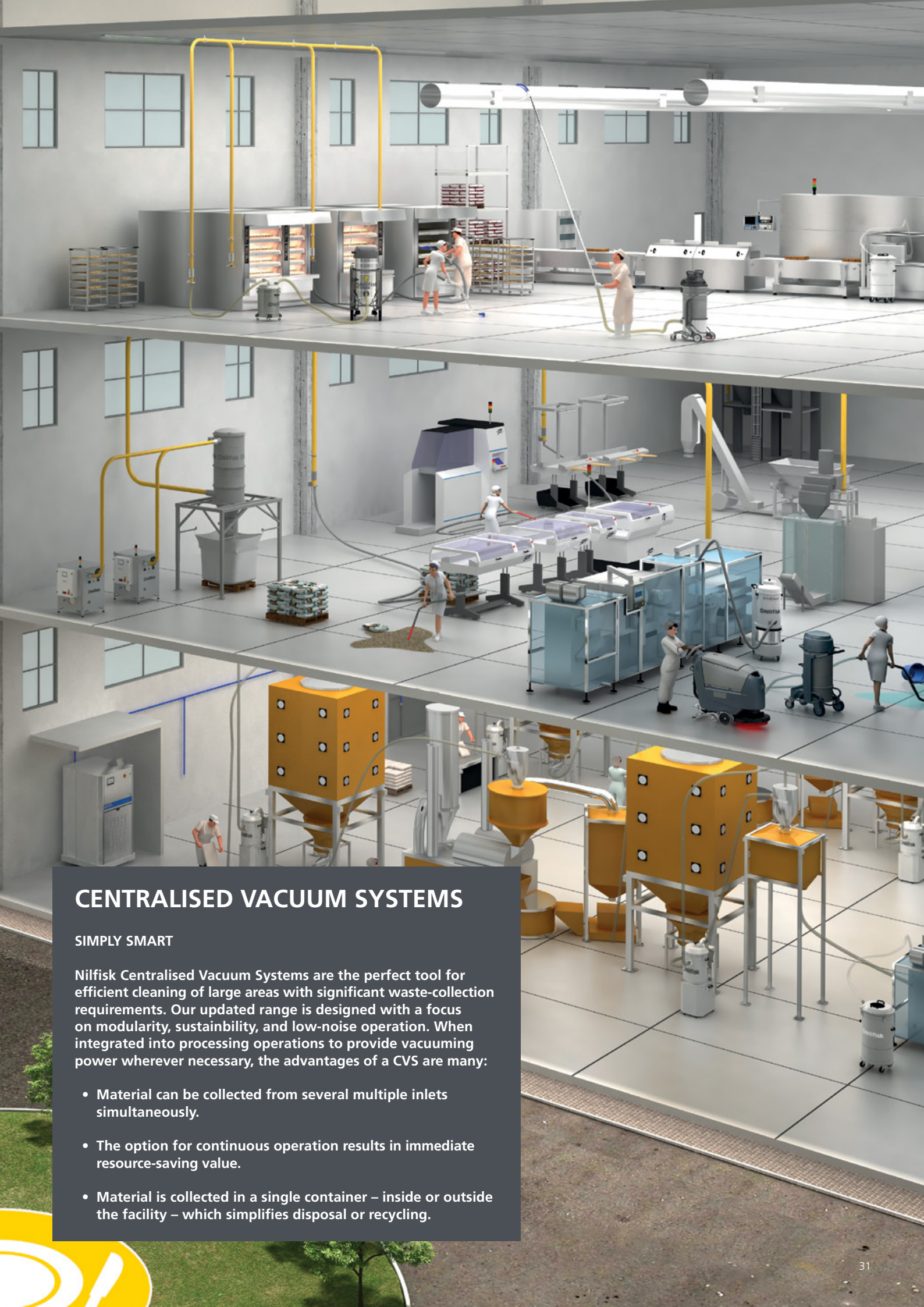
AS EFFICIENT AS IT IS SIMPLE

Designed specifically for handling residual waste from metalwork productions, the VHO200 is a plug-and-play solution that lets you clean fast, and continue without a second thought.

- Chip basket separates solid materials from liquids
- Removable container for fast, easy disposal
- Oil-proof accessories and hose adapter for handling spills

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## CENTRALISED VACUUM SYSTEMS

### SIMPLY SMART

Nilfisk Centralised Vacuum Systems are the perfect tool for efficient cleaning of large areas with significant waste-collection requirements. Our updated range is designed with a focus on modularity, sustainability, and low-noise operation. When integrated into processing operations to provide vacuuming power wherever necessary, the advantages of a CVS are many:

- Material can be collected from several multiple inlets simultaneously.
- The option for continuous operation results in immediate resource-saving value.
- Material is collected in a single container – inside or outside the facility – which simplifies disposal or recycling.





# INDUSTRIAL PRESSURE WASHERS

COLD WATER

[CLICK HERE TO EXPLORE OUR RANGE](#)



## MC 2C-120/520 XT

### EVERYDAY WASHING MADE SIMPLE

The MC 2C is designed for low-intensity use and routine cleaning tasks, with excellent high-RPM performance, professional equipment, easy handling, and compact storage.

- Automatic start/stop functionality
- Brass cylinder head for extended equipment life
- Ergonomic design minimises operator effort
- Pump pressure 120 bar
- Water flow 520 l/hour



## MC 3C-150/570 XT

### COMPACT AND HIGHLY CAPABLE

By providing sufficient performance for light- and medium-duty tasks, and prioritising efficiency, the MC 3C delivers excellent results and productivity at a lower total cost of ownership.

- Optimal working pressure reduces cleaning time by up to 15%
- Convenient access to motor and pump
- 4 in 1 lance enables multiple application usage without switching
- Pump pressure 150 bar
- Water flow 570 l/hour



## MC 4M-140/620 XT

### STRONG PERFORMANCE FOR LONGER JOBS

A great option for mid-range work requiring up to four hours of continuous pressure-washing, the MC 4M can handle the pace of a busy day for results that shine.

- Brass pump head and ceramic-coated pistons
- Robust design and 250 mm wheels for varied terrain
- 4 in 1 lance enables multiple application usage without switching
- Pump pressure 140 bar
- Water flow 620 l/hour



## MC 5M-100/770 XT

### AN INNOVATIVE AND RELIABLE PLATFORM

The MC 5M is a versatile asset for customers in the most demanding industries, combining an unmatched level of mobility, and utility, with robust construction and easy maintenance.

- Ceramic pistons and brass pump-head can withstand intense use
- Easy lifting points and folding handle for convenience
- Ergonomic accessories minimise fatigue during long use
- Pump pressure 100 bar
- Water flow 770 l/hour



## MC 6P-180/1300

### COMPACT AND HIGHLY CAPABLE

This industrial-class, cold-water solution combines excellent cleaning performance, optimal ergonomics, and unbeatable equipment lifetime, to provide top-tier results across applications.

- Optimal working pressure reduces cleaning time by up to 15%
- Convenient access to motor and pump
- Spray-gun holder protects during transport
- Pump pressure 180 bar
- Water flow 1300 l/hour

## TOP 5 TIPS

### BOOST YOUR WASHING EFFICIENCY

1. Find out what kind of dirt you're dealing with, then determine your water temperature, pressure level, and water-flow level.
2. Purchase a machine that offers different levels for both pressure and flow. High pressure + high flow, works well for sweeping sand and other small particles into a drain. High pressure + low flow, works well for removing tough dirt from concrete walls and floors.
3. Cold water is highly effective, but hot water is better for oily or greasy surfaces. Hot water also dries faster.
4. Consider your facility's entire layout. Pressure washers easily clean floors and processing equipment, but they can also do a great job in loading areas or outside.
5. Make sure all vital components are easy to reach and inspect, so service and maintenance can be carried out quickly. If budget allows, purchase a machine with a diagnostics function that provides maintenance warnings.





## MC 7P-195/1280

### PERFORMANCE AND ERGONOMICS

This industrial-class, cold-water solution combines excellent cleaning performance, optimal ergonomics, and unbeatable equipment lifetime, to provide top-tier results across applications.

- Quadruple ceramic pistons and dual detergent-injection system
- Accepts inlet temperature up to 80°C for hot-water conversion
- 30 mm steel frame for exemplary durability
- Pump pressure 195 bar
- Water flow 1280 l/hour



## MC 8P-180/2100

### PREMIUM POWER THAT IMPRESSES

Combining considerable cleaning power and water flow with rugged, simple design, the MC 8P reduces time spent cleaning by making short work of ingrained and loose dirt alike.

- Full ceramic pistons and low-noise motor
- Ergo accessory package reduces fatigue over long use
- High cleaning efficiency reduces total cleaning costs
- Pump pressure 180 bar
- Water flow 2100 l/hour



## MC 8P-160/2500

### WHEN ROUTINE JOBS ARE TOUGH

The most tenacious dirt has difficulty standing up to the 8P 180, a variant of the MC 8 series offering even higher pump pressure than the 160.

- Low motor-noise level for greater safety over long use
- Ergonomic design and accessories
- Steel or stainless-steel frame variants
- Pump pressure 160 bar
- Water flow 2500 l/hour



## SC UNO 5M

### FLEXIBILITY FROM ONE LOCATION

Medium-level stationary cleaning is easy with help from the SC UNO 5M, which leverages a sturdy design and innovative pump technologies to help keep businesses clean and productive.

- NA5.2 reinforced pump with triple ceramic pistons
- Accessory kit for immediate plug-and-play use
- Low-noise foam cabinet with easy motor access
- Pump pressure 200 bar
- Water flow 1050 l/hour



## SC DUO 8P

### TWICE THE POWER AT ONCE

Built for those environments with the largest routine cleaning tasks, the SC DUO 8P allows up to two users to work simultaneously, and can be customised to your exact needs.

- Accepts up to 80° inlet temperature for oil and grease
- NA6+ pump with quadruple ceramic pistons
- Foam cabinet reduces operational noise
- Pump pressure 180 bar
- Water flow 4000 l/hour

Nilfisk pressure-washing solutions are engineered to address a variety of needs across industries. Whatever your requirements or specialisation, this innovative and versatile range meets your challenges head-on.

Each model also include a full range of accessories, enabling an optimised cleaning process every time.



## SC DELTA 6P

### NO CHALLENGE TOO GREAT

When it's time to take productivity to its literal maximum, the SC DELTA 6P gives up to 12 operators simultaneously the ability to tackle a variety of high-intensity applications for ultimate productivity.

- Customisable settings for individual lines during cleaning
- Intelligent start/stop functionality depending on real-time demand
- Stainless-steel design with high accessibility
- Pump pressure 160 bar
- Water flow 9000 l/hour

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# THE POWER OF HOT-WATER CLEANING

Across industries and the globe, cleaning teams are being asked to clean more surfaces, faster and more efficiently – Hot water is one of the most powerful tools available.

## **Efficiency**

Just like dishwashing at home, hot-water cleaning provides better, faster results in commercial and industrial applications.

In partnership with the wfk – Cleaning Technology Institute, we conducted tests comparing hot- and cold-water pressure washing, and found that across all applications, hot water reduced cleaning times by an average of 40%. In some cases, such as those involving grease, fat, and oil, hot-water cleaning was four times more efficient than cold-water cleaning. That translates into a cleaning-time reduction of 75%. Using hot water also reduces drying time after cleaning, so cleaned areas and items are available sooner.

## **Hygiene — Reduced bacteria and virus counts**

Clean, then sanitise (or disinfect, depending on the level of clean required). This is the “one-two punch” for stopping the spread of germs, like viruses and bacteria, that can be harmful to human and animal health. The effectiveness of the second step depends, in part, on how well you’ve performed the first one.

Heat is a key factor in battling germs. A study by the Thuringen State Office for Agriculture found that while cleaning with cold water had no impact on bacterial levels, raising the temperature to 60°C reduced bacterial colonies by 90%. At 80°C, bacterial colonies were reduced by 97%, and at 155°C, they were eliminated entirely.

## **Sustainability — Lower resource consumption**

Finally, hot-water cleaning decreases your resource consumption in three main ways.

**Water** – Because hot water reduces cleaning time, less water is required. We can translate the time savings into resource savings as well – for every 1,000 liters of water required for cold-water cleaning, hot-water cleaning will save at least 400 liters.

**Energy** – Shorter cleaning times also reduce energy consumption.

**Chemicals** – In some cases, hot water can decrease or eliminate the need for detergent because the heat is sufficient for dirt removal. If you’re sanitising or disinfecting, you’ll still need to use an appropriate disinfectant for this step, but you’ll reduce the amount of chemical needed, overall.





# INDUSTRIAL PRESSURE WASHERS HOT WATER



## MH 3C-90/670 PAX

### HIGH EFFICIENCY AT A LOW COST

The MH 3C delivers optimised heating and cleaning performance for lighter daily applications, with an innovative design that can cover all types of surfaces without a hitch.

- NA5.2 reinforced pump with triple ceramic pistons
- Accessory kit for immediate plug-and-play use
- Low-noise foam cabinet with easy motor access
- Pump pressure 90 bar
- Water flow 670 l/hour



## MH 4M-100/680 PAX

### NEW LEVEL OF MID-RANGE PERFORMANCE

The MH 4M answers the market's productivity demands with a high-efficiency 4-pole motor, NA5 pump with three ceramic pistons, and a flow-activated control system to ensure comfort and reliability.

- EcoPower™ boiler keeps consumption low despite extensive use
- 10L external detergent tank, with space for extra tank
- Quick access to all parts for service purposes
- Pump pressure 100 bar
- Water flow 680 l/hour



## MH 5M-210/1100

### BEST-IN MOBILITY AND INNOVATION

The versatile MH 5M combines high performance, low running costs, and great cleaning efficiency into a single offering that can function optimally on virtually any surface.

- EcoPower™ boiler ensures optimised heating performance
- Flow-activated controls for enhance comfort
- Large wheels allow easy transport over challenging terrain
- Pump pressure 210 bar
- Water flow 1100 l/hour

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## SH TRUCK 5M

KEEP YOUR FLEET LOOKING ITS BEST

A simple, powerful unit for permanent outdoor placement, the SH TRUCK allows for constant cleaning of all vehicle types by multiple users at once.

- EcoPower™ keeps fuel costs low throughout the day
- Internal frost-protection to -20°C for year-round operation
- Corrosion-proof stainless-steel design
- Pump pressure 180 bar
- Water flow 970 l/ hour

## COLD WATER



## 400 CM 240V

- 100 bar pump pressure
- Water flow 720 l/hour
- Long life span with durability
- Cold water model with low revving brass pump and ceramic sleeved pistons for increased working life and durability in demanding operations.



## MH 6P-175/1250

HANDLES THE HEAVY WORK WITHOUT A BREAK

A very effective solution for heavy-duty industrial cleaning in any sector, the MH 6P offers increased runtime without sacrificing performance or efficiency.

- EcoPower™ boiler keeps temperatures up with less fuel
- NA6 quadruple-piston pump with brass head
- Intuitive controls and onboard diagnostics
- Pump pressure 175 bar
- Water flow 1250 l/hour



## MH 8P-180/2000 FA

WHEN EVEN THE ROUTINE JOBS ARE TOUGH

The most tenacious dirt has difficulty standing up to the MH 8P 180, a variant of the MH 8 series offering even higher pump pressure than the standard model.

- Low motor-noise level for greater safety over long use
- Ergonomic design and accessories
- Steel or stainless-steel frame variants
- Pump pressure 180 bar
- Water flow 2000 l/hour

## HOT WATER



## 400 HM 240V

- 100 bar pump pressure
- Water flow 720 l/hour
- Easy to operate and maintain
- Hot water model with a robust stainless steel cover & stone enamelled steel chassis ensuring durability and excellent reliability resulting in reduced service time & costs.





“ I was instantly impressed with the MH 4M. It was easily twice the quality of other units we’d tested

# EASING THE PRESSURE FOR ED BURRIDGE ENGINEERING

Agricultural cleaning is as tough as it gets. Equipment seems permanently caked in mud, oil, grease, and crop or animal residue. These machines endure tough usage conditions and regular maintenance, and crucial repairs can’t be performed on dirty equipment. For Ed BurrIDGE Engineering Ltd., the challenge of keeping equipment clean had only one solution: the MH 4M pressure washer.

## A champion business

Ed BurrIDGE Engineering Ltd, is an independent plant- and agricultural-engineering company based in southeast England. Founded in 2010 by Ed BurrIDGE, the company’s core business covers everything from light service to complete overhauls and refurbishment of plant and construction equipment at every scale.

BurrIDGE’s team faced the daily prospect of cleaning heavily soiled equipment that needed repairs or service. Since such jobs couldn’t be carried out on dirty machines, the first step was a hot-water pressure wash, and post-repair machines were washed down once again before their return to customers.

## Embracing the heat

When it comes to fighting oil and grease, cold water just can’t cut it; hot water does the job in roughly half the time, and time is money. The Ed BurrIDGE team cleans for 3 to 4 hours a day, moving machines along an incline from their storage area – all within a site that lacked three-phase electric power. They needed a solution that prioritised mobility without backtracking on performance, and while options were many, optimal choices were few...

## Finding an ideal fit

A local Nilfisk dealer, and longstanding supplier to Ed BurrIDGE, recommended the MH 4M hot-water pressure washer for the company’s heavy-duty cleaning applications. The solution offered improved fuel economy via an EcoPower boiler system, as well as a high-efficiency quad-piston motor, and its durable brass pump head could be paired with a foam-sprayer attachment for constant, consistent detergent application. In addition to its substantial capabilities, its four large wheels made transport easy, regardless of the working environment. BurrIDGE was impressed; following an on-site demonstration, he purchased the MH 4M immediately.

## An invaluable teammate

“I was instantly impressed with the MH 4M. It was easily twice the quality of other units we’d tested,” BurrIDGE says, praising the machine’s uncomplicated design and high mobility. “It’s a straightforward machine with no bells and whistles, and I liked how simple it was to operate. The bigger wheels make it easier to push up a driveway every day, and it’s compact and light enough for us to store without a problem.”

“The MH 4M paid for itself within two months,” he continues. “We’re using it heavily on single-phase power, and it performs brilliantly. Our customers are delighted to have a clean, shiny vehicle returned to them.”

BurrIDGE Engineering Ltd. claims to have had very few problems with their solution, and that their Nilfisk dealer is always ready to help solve any challenges. “Service lies at the heart of what we do, so we purchased a service contract along with the unit to be sure that we’re always ready to help our customers.”

“I could not be happier with my decision,” concludes Mr. BurrIDGE.

# OVERVIEW OF ACCESSORIES

The ideal solution, whatever the cleaning accessory or application. Optimise your cleaning machine to your specific cleaning task with our various accessories and attachments. Nilfisk helps you perform even better in your daily work.

## • PRESSURE WASHERS



### 4 in 1 lance

An innovative lance with 4 different nozzles for almost all your cleaning tasks. You can simply change between nozzles, making cleaning even easier.



### Universal Lance

The Universal Plus Lance is a lightweight single lance, ideal for high-pressure washers with a highpressure detergent function.



### Tornado Plus Lance

is a double lance with separate high and low pressure nozzles. This lance can easily adjust the pressure giving optimal low pressure spray pattern for flushing.



### Special Lances

Short lances, under carriage lances, bent lances.



### ERGO 2000 Spray Gun

Low force for reduced user strain. Ergonomic design and pace inside trigger guard for use with gloves.



### Brushes

Wash brush and rotary brush for cleaning vehicles.



### Retractable Hose Reel

For easy storage of hoses.



### Water filter



### Foam Sprayer

For quick and efficient application of detergent.



### Drain Cleaner

20 m hose for clearing blocked drains.



### Sand Blasting Unit

Simple to use unit for sand blasting.



### Water Suction Kit

Move up to 300 l/min.



### Liquid Sprayers

Hand-held low pressure manual sprayers. Specific models can be used with aggressive detergents and acids.



### Hydroscrub

Effective tool for cleaning various large flat surfaces, the product increases cleaning width and reduces cleaning time.



## ▪ COMMERCIAL VACUUMS



### Nozzles

Upholstery nozzle, round brush, crevice nozzle.



### Floor nozzles

Combination and multi surface nozzles.



### Dust bag

Paper & synthetic dust bags.



### Tubes

Chrome, steel, aluminum.  
Basic or telescopic.



### High Reach Cleaning Kits

6/8 pole kits clean up to 30ft / 40ft.  
\*Only compatible with certain vacuums



### Telescopic High Reach Cleaning Kits

Clean up to 18ft / 25ft.  
\*Only compatible with certain vacuums

## ▪ H&S VACUUMS

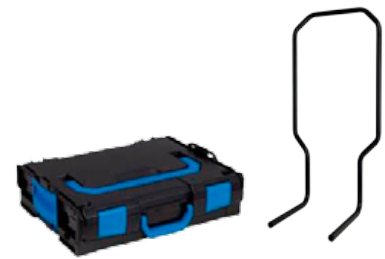


Safety filter bag, 5 pcs.



### SAFETY FILTER BAG (5 PSCS)

Keep personnel and workplaces safe using a reliable, original-quality safety bag.



### Trolley and storage box for ATTIX 33/44

Easy transportation and storage for tools / accessories.

## ▪ INDUSTRIAL VACUUMS



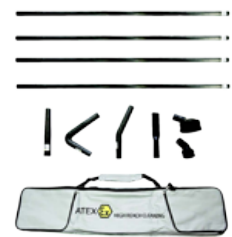
### ATEX Accessory kit

These accessories consist of conductive or antistatic elements for use in ATEX applications.



### Coloured accessories

Ideal for use in food applications to prevent cross contaminations.



### ATEX High Reach Kits

High reach cleaning kits for use with ATEX industrial vacuums, kits available for different heights.

## ▪ SCRUBBER DRYERS



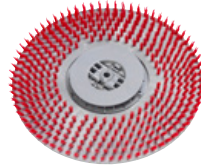
### Cylindrical brush

For uneven floors, such as ceramics anti-slip floors (various models are available).



### Brush

Used on uneven floors when debris collection is not needed (various models are available).



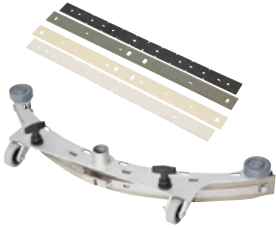
### Pad holder

Used for pads.



### PADS

Various pads are available.  
**Black & brown:** Heavy-duty  
**Green & blue:** Medium-duty  
**Red:** Light-duty



### Blades

Various squeegee blade materials are available depending on the application and on the duty; gum, red gum and polyurethane.



### Splash guard kit

Prevents the water from splashing on to the brush deck. Enables the squeegee to recollect all water.



### Onboard filling hose

Makes it easy to refill the machine anywhere.



### Ecoflex chemical kit

Ecoflex allows full control of the detergent to be used, less risk of damaging the floors due to overdosage, flexibility in the detergent selection (available for use with selected scrubber dryers).

## ▪ SWEEPERS



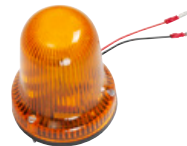
### Main broom natural

For applications with fine dust, sensitive floors and carpet sweeping.



### Main broom steel+ppl

Popular for use to sweep both indoors and outdoors.



### Flashing beacon

Draws attention to the machine in its working environment.



### Dust Guard Kit

Misting system lets you efficiently control any dust on your way, leaving a cleaner environment.

## ▪ STEAMERS



### Brushes

Nylon and brass brushes.



### Floor nozzle

For cleaning floors.



### Upholstery Tool

For cleaning upholstery.



### Lances

Short and Long steam lances for different applications.





*Always give a good reliable service and the service engineer is friendly and understands the business"*

*National Transport Co*



*Engineers always carry out any repairs to a very high standard"*

*Contract Valeting Co*

# GLOBAL REACH – LOCAL PRESENCE

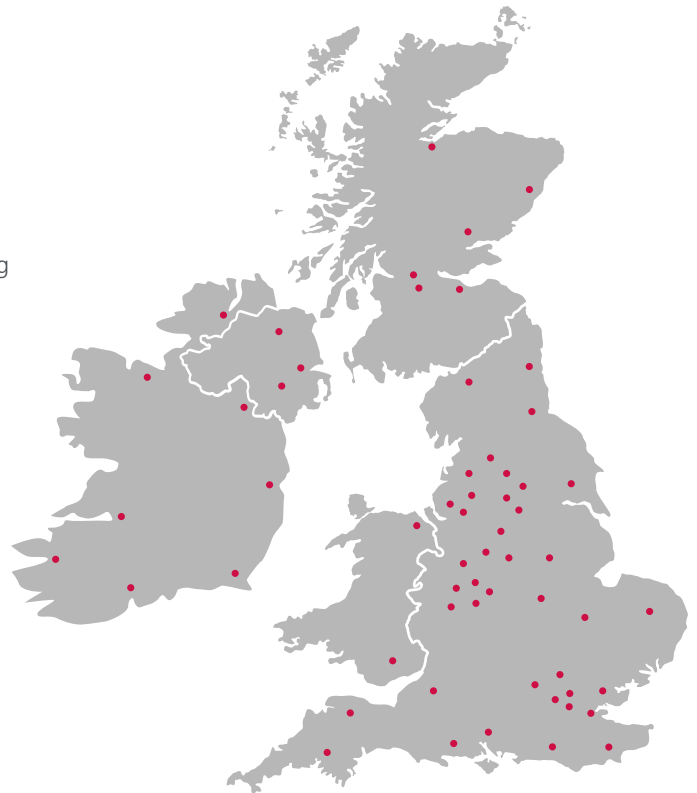
## QUALITY SERVICE – SCALED TO MATCH YOUR NEEDS

Nilfisk aims to be a partner every step of the way, including post-purchase service and support, because we know that having quick and easy access to professional service is a key factor in running your operations smoothly with maximum uptime. Equipment is an investment, and Nilfisk Service protects that investment by maintaining – or even enhancing – the durability and performance of your assets.

### Three tiers of support

Our Service Solutions offer three tiers of support to match your needs, backed by the knowledge and expertise of Nilfisk Service technicians. With training and certification supported by decades of industry knowledge and experience, Nilfisk technicians are the foundation of our commitment to service. Equipped with the tools and understanding needed to solve your maintenance challenges as efficiently as possible, they do more than simply conduct repairs.

**Nilfisk have over 80 service technicians covering the UK mainland all of whom are dedicated to meeting your demands whenever and wherever they arise.**





**Distributor Service Network**  
 Nilfisk have a number of authorised Nilfisk distributors in the UK and Ireland who have a dedicated service and support offering. For more information contact your local Nilfisk distributor.



**KEEP YOUR BUSINESS MOVING**

Nilfisk offers three Service Solutions, each with a unique offering.

				
		<b>STANDARD</b>	<b>PLUS</b>	<b>PREMIUM</b>
		Professional maintenance	Optimised productivity	Maximised uptime
	⊙ Optional / adjustable			
<b>MAINTENANCE</b>	Annual maintenance visits	1 ⊙	2 ⊙	2 ⊙
	Travel			
	Labour – planned maintenance			
<b>REPAIRS</b>	Response time	48H	48H	24H
	Travel	Discount		
	Labour – inspection & repair	Discount		
<b>PARTS</b>	Spare parts			
	Consumables		Discount	⊙
	Batteries & chargers		Discount	⊙
<b>ADDITIONAL BENEFITS</b>	Extended warranty			
	Service reports			
	Dedicated technician			
	Loan machine			⊙
	Weekend coverage			⊙



- **Maximise uptime with proactive maintenance and timely repairs and restoration**
- **Maintain equipment value with documented service and Nilfisk-certified spare parts**
- **Keep maintenance costs low and predictable**

With the goal of sustaining efficient performance over an entire equipment lifecycle, Nilfisk Service helps ensure the viability of your cleaning operation, regardless of whether you need a full-scale, proactive solution, or just want to cover the essentials.

The conditions and specifics of each element included in Nilfisk Service Solutions may be subject to local availability.



# CLEAN IS CHANGING

Let's turn up the heat on hygiene.



CONTACT NILFISK TO LEARN HOW OUR HOT WATER HIGH PRESSURE WASHERS WILL INCREASE HYGIENE, SUSTAINABILITY AND EFFICIENCY.

YOUR LOCAL NILFISK DISTRIBUTOR



Unit 8c Sneckyeat Road Industrial Estate, Hensingham,  
Whitehaven, Cumbria, CA28 8PF  
Tel: 01946 692004  
Email: [cumbelectrical@talk21.com](mailto:cumbelectrical@talk21.com)  
Website: [cumb-elec.co.uk](http://cumb-elec.co.uk)

[www.nilfisk.co.uk](http://www.nilfisk.co.uk)

**Nilfisk Ltd**  
Bowerbank Way  
Gilwilly Industrial Estate  
Penrith  
Cumbria  
CA11 9BQ  
Tel: 01768 868995  
Email: [sales.uk@nilfisk.com](mailto:sales.uk@nilfisk.com)

