



KlinMak[®]

keep clean



MINI HD¹²₄₀

WALK-BEHIND VIBRATING SCRUBBER DRYER

MINI HD 1240

MINI HD 1240 is a lightweight, compact and handy scrubber dryer with lithium battery, 39x23cm working path and up to 75 minutes runtime, ideal for deep cleaning or maintenance of floors up to 500 square metres.

It stands out on the market for its unique features, such as the eccentric vibrating plate and the Hepa filter on the suction motor output.

Designed to help customers with cleaning in many sectors: automotive, workshops, hotels, small industry, discount or small supermarkets, laboratories, changing rooms, gyms, swimming pools, wineries etc. It represents the ultimate solution for a multitude of floorings and building sizes. From offices to hospitals, schools to retail stores, the MINI HD 1240 is versatile in tackling any type of cleaning, including on delicate surfaces.

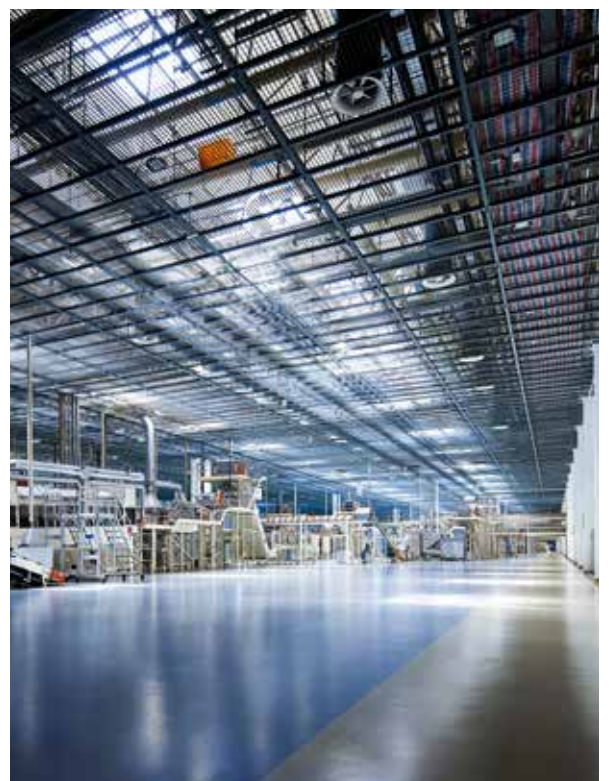
Weighing just 35kg, the folding handle and **lithium battery** (quick charge), it's easy to carry around for itinerant cleaning, such as condominiums and wherever weekly cleaning is needed.

MINI HD 1240 is the ideal floor scrubber dryer for daily cleaning, but also for deep cleaning and restoration of marble floors.

Hundreds of possible applications make the machine indispensable for subcontractor cleaning companies, **reducing hourly costs, the use of water and chemicals.**

Thanks to MINI HD 1240, the single-brush and the liquid aspirator are no longer necessary, moreover, **a single operator can do the job better than two operators using standard equipment.**

MINI HD 1240 is a "production" scrubber dryer for those who use it for specific "impossible" jobs for traditional models, and therefore it pays off quickly. It needs "experienced" operators who know the surface, types of dirt, and cleaning techniques, as well as floor treatments.

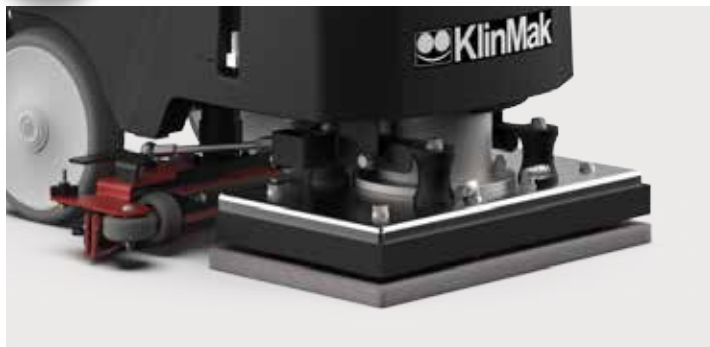




MINI HD¹²₄₀



Superior cleaning performance



1 Vibrating steel brush head washing system

Mini HD 1240 is an innovative scrubber dryer, based on Micro-pulse technology, for deep cleaning of any type of floor. Aisi 304 stainless steel vibrating plate and anodised perforated aluminium drive. Vibration dampers with rubber resistant to very high temperatures and stresses. Micropulse technology allows you to generate powerful motion on the floor, able to detach any type of dirt, while protecting the operator from vibrations and/or physical stress. Please refer to the range of specific **cleaning pads** for different applications.



2 Heavy wash head (25 kg at full load), ideal when flush with the wall

Mini HD 1240 is therefore used for deep, intermediate and maintenance cleaning.

The load on the head is remarkable for its category by virtue its geometry that allows a significant lever arm from the wheels to the centre of the brush and the weight on the head.

The squeegee can also be lifted for deep cleaning, held in place by magnets also using the foot.

Perfectly cleans corners, easily covers areas flush with the wall and operates in narrow spaces, avoiding expensive manual cleaning operations. The centred head also allows the machine to be used in both directions.



3 Squeegee

Damn steel cable... never again!

Magnets: mindful of past experiences, we opted to keep the squeegee lifted with simple magnets, free from maintenance and annoying breakages.

Drying squeegee: standard ones are made of natural rubber, on request, if there is oil and grease on the floor, they are available in polyurethane.

New and innovative squeegees: two handwheels allow the immediate release of the squeegees, keeping the piping "in the machine". It is easy to clean and replace the drying squeegees.





4 Single-stage turbine with filtered air discharge in Hepa H13

Having small spaces available, we opted for an independent turbine and a squeegee adjacent to the brushes. This combination ensures perfect drying on every surface, especially in corners.

HEPA 13 Filter: why a Hepa Filter on a scrubber dryer?
There are two good reasons:

Filtering the air: everything discharged by the turbine, before being returned to the environment, is filtered to be "purified" of unpleasant particles and microorganisms that are inside, collected by coming into contact with the dirty water collected from the floor.

Restricting any contamination coming from the recovery tank: although it is well rinsed at the end of the work, the residual moisture tends to proliferate bacteria, moulds and spores. At restart, the air discharged from the turbine could spread them into the surrounding environment, so we use the Hepa 13 filter to stop this happening.



5 Easy to transport

If necessary... even more compact!

Mini HD 1240 has a folding handle; after using the handwheel, it can be lifted and stored in the boot without problems. It is light, only 35 kg, and therefore very manageable.

Packaging: Volume is a cost and an enemy of the environment! It has a folding handle to reduce its dimensions when packed.

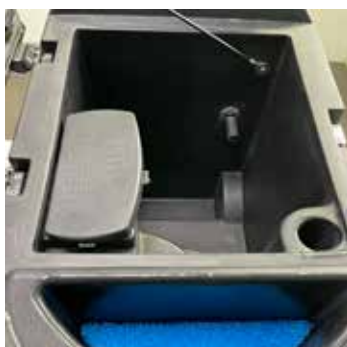
Transport: if moved between the various sites, the folded handle allows transport even in an economy car.



6 Tank in tank system

The solution tank has an optical level indicator. The recovery tank has a wide opening for cleaning and inspection. No sharp edges and no areas where contaminated water could stagnate. Maximum hygiene, easy to clean!

The large capacity of the solution tank in relation to the notoriously low operating capacity of the vibrating brushes allows high productivity without constant refills, making it possible to clean large spaces.



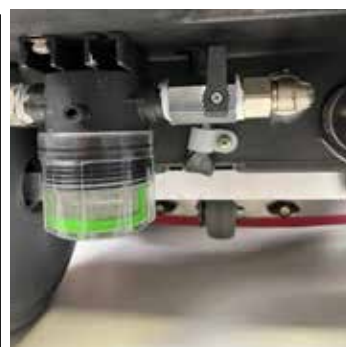
7 Recovery tank

Hygiene and safety, a must for Klinmak!

Easy to clean: The recovery tank is an excellent incubator for mould and bacteria – moist and warm. The wide opening facilitates cleaning and rinsing operations. A great help to maintain a high level of hygiene!

Smart float: stops suction preventing damage to the turbine. It is programmed to 'manage' the waves inside the tank, alerting the operator that the tank will soon be full. When it intervenes, it brings the turbine to maximum power to collect the last of the water, and then turns it off.

Recovery discharge hose: the tank has been designed to convey all the dirty water to the discharge hose, facilitating the emptying and rinsing operations, meaning there is no build up of dirt inside.



8 Filter and adjustment of the amount of solution

Visible but protected

Easy to clean: visible to the operator... but well protected from shocks. Thanks to the valve for regulating the flow of the solution, it can also be cleaned and washed with the full solution tank - no waste of water! The solution is actually adjusted using the control panel on a scale of 0.1 to 0.5 l/min.



9 2 large 200mm wheels

Easy to move and transport on smooth and rough surfaces. Vertical, short and compact structure for great handling in small spaces.

MINI HD¹²⁴⁰



Easy to use

10 Simple 3-button control panel



At rest: displays the total hours and minutes worked



When in use: briefly displays the power consumed (watts) and then the remaining battery charge in percentage.



Button VIBRATING HEAD MOTOR

Activates the brush function, adjustable on 2 levels:

- Eco
- Max
- Off

Button SUCTION MOTOR

Activates the suction function, adjustable on 3 levels:

- Eco
- Medium
- Max
- Off

Button SOLENOID VALVE

Activates the solenoid valve function. Pressed and held, together with the red starter lever, it opens the solenoid valve for 5 minutes and discharges the solution tank:

- On
- Off
- Discharge

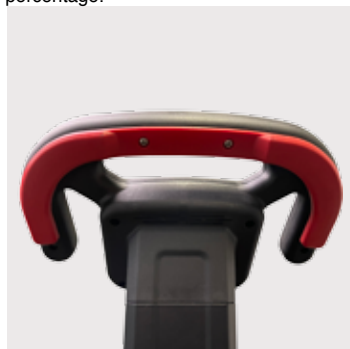
12 Adaptive

Incorrect use of a soft brush on a structured floor, passing over drain grids, dry cleaning or other work combinations that require a continuous high power absorption by the brush motor are all problems that can happen daily.

ADAPTIVE manages MINI HD 1240 autonomously avoiding potential machine blocks or electronic board breakages. In case of excessive power demand, it automatically modulates the rotation speed of the brushes, restoring optimal working conditions! The word ADAPTIVE flashes on the display to alert the operator.

11 New lever

The starting of the motors (washing and suction) and the opening of the solenoid valve take place ONLY with the red lever of the steering control pressed. On release they are stopped.



13 Coverage counter (optional)

Hourly yield: perhaps the most discussed "data"..., can finally be highlighted on the display by the operator, with an excellent approximation, taking into account the cleaning track, a slight overlap and the actual speed of the operator. The daily and progressive clean square metres will now be available on the display, along with the average square metres/hour cleaned by the Mini HD 1240 from the start of activity.



14 Water quantity adjustment

By pressing the solution button on the right for 5 seconds, the actual flow rate of the working solution (from 0.1 to 0.5 l/min) can be adjusted with the left and central buttons with the valve fully open.



Low cost in use and eco-sustainable production



15 Lithium-ion battery, increased operating time up to 8 h/day

Lithium battery and external charger, high autonomy (up to 75 minutes) increase in operating time up to 8 hours a day. Double the charge cycles compared to AGM-Gel batteries, very short charging times, overall lightness.

The power is switched on with a red button located on the side, in the event of an emergency.

Weight and compactness: by now it is well known, lithium batteries are lighter and more compact than lead batteries, allowing the creation of increasingly smaller and more manageable scrubber dryers.

Charging time: just over two hours are enough for a full charge.

Partial recharges: although it is better to avoid them, it is still possible to do so without damaging the batteries or reducing their life.

Remaining charge: nice coloured LEDs... but on the display we display it as a percentage (%) to help the operator understand the actual remaining charge. Towards the end, the battery symbol flashes to attract the operator's attention.

16 Ultra-high productivity and very low maintenance costs

Mini HD 1240 optimises consumption and operating costs. Eco mode (ideal on hard surfaces such as ceramics, marble, linoleum and the like) further reduces consumption and noise levels. All routine maintenance tasks, such as cleaning and replacing the squeegee rubber, cleaning the clean-water filter, and replacing the pads are simple and fast.

The wide opening in the upper part of the recovery tank makes it quite easy to clean effortlessly and without wasting any time. The standard diagnostics and hourly runtime counter also facilitate scheduled and extraordinary maintenance.

17 Very high energy and cleaning efficiency

Its energy consumption (ratio of power consumption to hourly yield) is the lowest in the cleaning market (0.14 W/sq.m., in Eco mode). The sound pressure level (noise level) on the operator is quite low, 65 dbA in Eco mode.

Mini HD 1240 uses less water and fewer chemicals while respecting the environment.

Mini HD 1240 is setting new standards in professional cleaning, following the sustainability logic indicated by the UN in point 12.5 of the Sustainable Development Goals.

Technological comparison

| Technology | Roller | Disc | Vibrating plate |
|--------------|---|---|---|
| Image |  |  |   |
| Surface | Irregular | Smooth and/or unstructured |  ceramic  non-slip surface  PVC  concrete |
| Applications | Thorough washing and maintenance | Thorough washing and maintenance |  maintenance cleaning and thorough washing  dewaxing  restoration of marble surfaces  terracotta |

MINI HD 1240



Technical data

| Description | MINI HD 1240 (Lithium battery) |
|---|--------------------------------|
| Cleaning path (mm) | 393x230 |
| Squeegee width, suction (mm) | 490 |
| Solution tank, capacity (l) | 12 |
| Recovery tank, capacity (l) | 14 |
| Hourly productivity at 1.5 km/h (m2/h) | 600 |
| Vibration - Max (rpm) | 3000/50Hz |
| Sound level - Eco-Max Power dB(A) | 65 |
| Water flow rate - adjustable (l/min) | 0.1÷0.5 |
| Load on brushes empty - full (kg) | 16 - 25 |
| Battery Capacity -Voltage | 7.8Ah - 54.6V |
| Battery charger (external) | 54.6 V - 3 A |
| Brush Motor Rated Power (W) | 250 |
| Suction Turbine Rated Power (W) | 200 |
| Running time Max (min) | 75 min |
| Battery charging times (h) | 2.5 |
| Empty / packed weight (kg) | 35 / 43 |
| Dimensions Mini1240 - Closed LxWxH (mm) | 750x490x1070 (720) |
| Packaging Dimensions - LxWxH (mm) | 755x530x820 |

Key features and benefits

Washing



Vibrating rectangular brush, in eccentric Aisi 304 stainless steel (working track 39x23cm), based on Micro-pulse technology

With a frequency of 50Hz (3000rpm) and a high pad pressure of almost 25kg, the cleaning capacity of the Mini HD 1240 is unmatched.

The weight is evenly distributed throughout the cleaning pad and therefore the cleaning becomes much more uniform and distributed, compared to both the equivalent capacity, both roller and disc.

Eco-Mode function reduces power consumption on smooth floors, overall consumption, noise and extends its working life

Simple adjustment of the water flow rate from the panel

Solution discharge facilitated by the display

Easily accessible solution filter

Recovery tank dirty water level sensor for total stop

Optical solution level indicator

Instant solution shutdown button

Drying



Powerful but quiet, independent single-stage turbine

3 Suction power levels

Standard air filter to protect the turbine

HEPA H13 filter on the turbine outlet as standard

Power supply 7.8Ah Lithium Battery - 3A Battery Charger as standard

Controls and adjustments



3 ON/OFF switches: brushes (2 speeds Eco-Mode/Max Power) turbine (3 speeds) and solution delivery on 5 levels

Innovative and practical display

Hour meter

Charging status with % Lithium battery charge remaining

Coverage counter: the display indicates the progressive and daily square metres cleaned, and the average sqm/h (opt)

Power consumption indicator (W)

Comfort



The lowest energy consumption in its category

Lightweight and easy to transport by car or van

Vertical, short and compact structure for great handling in small spaces

Large 200mm rear wheels in non-marking and anti-slip rubber for easy transport

Tank in tank: recovery tank with large easy-to-clean compartment

Ergonomic control handle

Easy and quick maintenance and assistance

Convenient handling grip

Foldable handle for easy transport and storage



1-year Warranty

Note: the scrubber dryer is always supplied without pads

Great advantages with the lithium battery

Lower weight, smaller dimensions, greater runtime compared to AGM-GEL batteries, fast charging times, double charge the cycles compared to traditional batteries.

Standard equipment

| P/N* | Models | Lithium battery | Battery charger | HEPA H13 filter | Antibacterial plastics | Metallic parts in stainless steel |
|------------------|--------------------|-----------------|-----------------|-----------------|------------------------|-----------------------------------|
| F.410.0 | Mini HD 1240 GREEN | 7.8Ah | 3A | X | OPT | OPT |
| F.410.ADIHBAA1-0 | Mini HD 1240 RED | 7.8Ah | 3A | X | OPT | OPT |

X = Standard | OPT= Optional









NOTE - Colours available without extra price or minimum order: Green (Standard) / Red
- Pads not included



Emerald green

Red

Consumables

| P/N | | |
|---------|--|---|
| D.085.0 | Polyester pad (Microfiber) 39x23 cm - Ideal for non-slip flooring, carpet, stoneware |  |
| D.086.0 | White pad 39x23 cm - Ideal for polishing and washing on delicate floors |  |
| D.087.0 | Red Pad 39x23 cm - Ideal for daily maintenance |  |
| D.088.0 | Green Pad 39x23 cm - for dewaxing and thorough cleaning |  |
| D.089.0 | Brown pad 39x23 cm - for thorough cleaning, dewaxing and acid washing (industrial floors - terracotta) |  |
| D.090.0 | Brown Pad Strip 39x23 cm - thorough cleaning (concrete) and/or on vinyl (PVC) and/or smooth floor |  |
| D.091.0 | White pad Melamine 39x23 cm - for removing dirt and stains on microporous floors |  |
| D.092.0 | Pack diamond pad KIT 3 steps (1-2-3) 39x23 cm |  |
| D.093.0 | Pack diamond pad, step 1, 800 grit, 39x23 cm | |
| D.094.0 | Pack diamond pad, step 2, 1500 grit, 39x23 cm | |
| D.095.0 | Pack diamond pad, step 3, 3000 grit, 39x23 cm | |
| D.096.0 | Pack diamond pad, step 0, 200 grit, 39x23 cm | |
| D.097.0 | Pack diamond pad, step 00, 400 grit, 39x23 cm | |
| D.098.0 | Pack diamond pad, FULL step 1x(00-0-1-2-3), 39x23cm | |
| D.099.0 | Diamond pads, FULL step 2x(00-0-1-2-3), 39x23cm | |
| G.019.0 | Front curved rubber squeegee blades - supplied as standard on all models | |
| G.020.0 | Rear curved rubber squeegee blades - supplied as standard on all models | |
| G.032.0 | Polyurethane-anti-oil front curved squeegee blades | |
| G.033.0 | Polyurethane-anti-oil rear curved squeegee blades | |

MINI HD¹²₄₀

Overall



Strengths

Mini HD 1240 Controls and Adjustments



Mini HD 1240 Washing and Suction



Why choose the Mini HD 1240 floor scrubber dryer

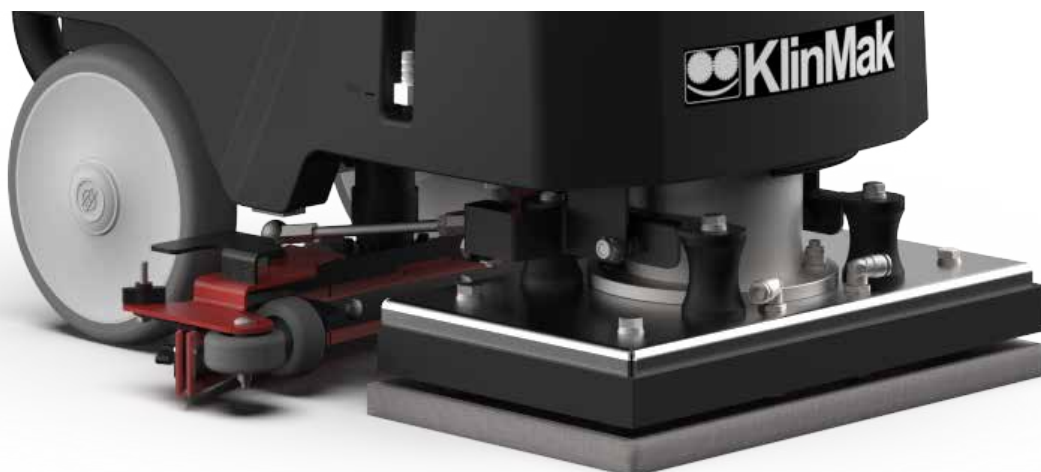


MINI HD 1240 by KlinMak is an innovative walk-behind scrubber dryer with an eccentric Aisi 304 stainless steel vibrating rectangular head (39x23cm working track) based on Micro-pulse technology. The main strengths.

- 1 **Use of the high rotation vibrating head (50 Hz):** it cleans better than a single brush and does not require continuous directional balancing by the operator, typical of a single brush.
Compared to the single brush, notoriously inclined and therefore penalised in the useful cleaning surface, Mini HD 1240 guarantees uniform cleaning throughout the entire width, by virtue of the flatness with respect to the flooring.
- 2 **Cleaning track of 393 mm:** the highest in the compact scrubber dryer segment.
- 3 **Symmetrical:** able to carry out flush with the wall cleaning in both directions of travel.
- 4 **Folding handle:** Mini HD 1240 is easy to transport by car or van, taking up very little space.
- 5 **Compact:** with the same tank capacity and track, Mini HD 1240 is the shortest, narrowest and lightest (max. 35 kg overall including the solution) machine available, thus the easiest to handle in confined and non-confined spaces.
- 6 **Easy to use:** once the flow rate of the solution has been selected, it is possible to adjust the washing power (2 values) and suction power (3 values). In this way it is possible to save the energy supplied by the battery when it is not needed, thus increasing runtime.
- 7 **Equipped with Hepa H13 Filter as standard:** able to filter all contaminated air after cleaning the floor.
- 8 **Tank in tank:** when work is finished, it allows easy cleaning of the recovery tank with the dirty solution, before discharge.
- 9 **Created for lithium battery:** With battery autonomy of up to 75 minutes and battery charging time of around 2 hours, Mini HD 1240 can be charged well over 700 times; double those models with lead-acid batteries. In addition, lithium greatly lightens the scrubber dryer making it light and therefore very manageable.
- 10 **It is multifunctional:** and can be used for many activities: maintenance, intermediate, thorough cleaning (stoneware, but also on technical surfaces, non-slip, etc.), dewaxing, treatments (terracotta, marble, stone, concrete, etc.), restorations, surface preparation, and many more (antiskid, carpets, resins, etc.).

Working pads

Mini HD 1240



Premium Pad microfibre

Description

Super result and long service life!

It is a pad with high mechanical cleaning performance and long service life on various hard and elastic floors, such as porcelain stoneware, natural stones, structured tiles, vinyl, linoleum, rubber coatings, antiskid, carpets and fabrics.

The thin polyester fibres have a strong mechanical cleaning action and remove dirt from the surface. The dirt does not settle on the fibres, but remains on the floor and therefore can be vacuumed with a scrubber dryer or wet vacuum cleaners. So the fibres are not "soiled" as in a simple microfibre pad. In general, the pad can remain mounted on the drive until the thin fibre is completely worn. Washing is not essential, but it can still be done without problems in the washing machine up to 60°C, e.g. in specific cases such as hospital use or with very dirty surfaces in the winter months.

The long life is due to the high quality of the polyester and backing materials, as well as the impeccable workmanship.

The peripheral area, subjected to strong stresses, is equipped with a hem and topstitched.

Technical specifications

Effective on many floor types

Excellent results in cleaning mineral and elastic floors

Immediate cost savings

Convincing cleaning results, albeit with less strenuous work

Very long service life.

Eco-compatibility

Long service life and economical use of detergents.

Easy washing in the washing machine



White Premium Pad

Description

The white Premium Pad is ideal for dry polishing floors protected with waxes.

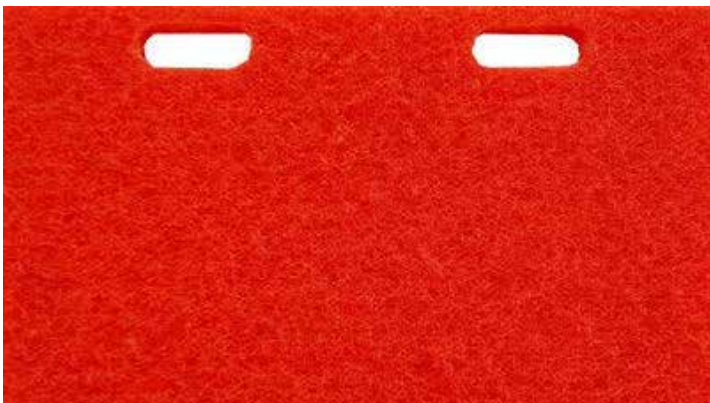
It is also suitable for spray cleaning operations with MICRO-PULSE machine and suction system.

It is also ideal for washing delicate floors such as parquet or laminates. It does not scratch or damage surfaces protected with acrylic emulsions or treated with various types of crystallisers. Optimised for distributing various polishing powders on marble floors.

Not suitable for thorough washing.

Technical specifications

| | |
|-----------------------|--------------------------------|
| Application | Polishing, Washing |
| Measurements | 39 cm x 23 cm x h 2 cm |
| Number of water holes | 2 |
| Fibre quality | Premium 1st Choice |
| Abrasion Level | Low |
| Cleaning capacity | Moderate |
| Dirt type | Low |
| Detergent resistance | Optimal |
| Acid resistance | Good |
| Alkaline resistance | Fair |
| Solvent resistance | NO |
| Dry use | Yes / Polishing |
| Actual yield | From 400 to 600 square metres. |
| Quantity per pack | pcs. 5 |
| Packaging Size | 40 cm x 25 cm x h 15 cm |



Red Premium Pad

Description

The red Premium Pads are designed for spray cleaning operations and routine maintenance of protected and delicate floors.

Using these pads with water and detergent exerts a good cleaning action. When used dry, they generate a slight abrasive action, safeguarding the floors in any case.

The open-weave structure of these pads prevents clogging and accumulation of material, making them easy to wash after use.

The uniform distribution of mineral abrasives over the entire surface of the pads guarantees surprising performance and a long service life.

The red premium pad can be used on any type of floor, both dry and wet, for routine maintenance. Not suitable for thorough or heavy cleaning.

Technical specifications

| | |
|-----------------------|--------------------------------|
| Application | Washing / Spray Cleaning |
| Measurements | 39 cm x 23 cm x h 2 cm |
| Number of water holes | 2 |
| Fibre quality | Premium 1st Choice |
| Abrasion Level | Low |
| Cleaning capacity | Good |
| Type of dirt | Medium |
| Detergent resistance | Good |
| Acid resistance | Fair |
| Alkaline resistance | Good |
| Solvent resistance | Low |
| Dry use | Yes |
| Actual yield | From 300 to 500 square metres. |
| Quantity per pack | pcs. 5 |
| Packaging Size | 40 cm x 25 cm x h 15 cm |



Green Premium Pad

Technical specifications

| | |
|-----------------------|--------------------------------|
| Application | Thorough washing |
| Measurements | 39 cm x 23 cm x h 2 cm |
| Number of water holes | 2 |
| Fibre quality | Premium 1st Choice |
| Abrasiveness Level | Medium High |
| Cleaning capacity | Good |
| Type of dirt | Medium High |
| Detergent resistance | Optimal |
| Acid resistance | Good |
| Alkaline resistance | Good |
| Solvent resistance | Low |
| Dry use | Yes |
| Actual yield | From 300 to 400 square metres. |
| Quantity per pack | pcs. 5 |
| Packaging Size | 40 cm x 25 cm x h 15 cm |

Description

Green Premium pad in premium choice polyester fiber to be used for thorough operations with appropriate chemical products.

Also suitable for thorough washing of very dirty surfaces, this pad with medium aggressiveness offers efficient results in removing marks. Green Premium Pad is also ideal for wet use by means of MICROIMPULSE and suction system for the restoration of vinyl flooring without stopping traffic. Its open mesh structure allows dirt to be easily collected and ensures constant performance throughout the life of the product. Wash the disc after use.



Industrial Brown Premium Pad

Technical specifications

| | |
|-----------------------|--------------------------------|
| Application | Deep cleaning |
| Measurements | 39 cm x 23 cm x h 2 cm |
| Number of water holes | 2 |
| Fibre quality | Premium 1st Choice |
| Abrasiveness level | Very High |
| Cleaning ability | Excellent |
| Type of dirt | Heavy |
| Detergent resistance | Optimal |
| Acid resistance | Excellent |
| Alkaline resistance | Excellent |
| Solvent resistance | Fair |
| Dry use | No |
| Actual yield | From 200 to 300 square metres. |
| Quantity per pack | pcs. 10 |
| Packaging Size | 40 cm x 25 cm x h 15 cm |

Description

Industrial Brown Premium Pads are suitable for thorough washing and dewaxing of protected and unprotected floors.

Useful for the maintenance of very dirty industrial flooring, acid treatment of terracotta, cleaning of natural stones and porcelain stoneware.

The open-weave structure of these pads prevents clogging and accumulation of dirt. The combination of separated fibres individually and coated with abrasive dust, promotes maximum contact between pad and floor, ensuring excellent cleaning results.

The Industrial Brown Premium Pad in some cases can be used with water only without any detergent. Very resistant to acids and strongly alkaline products.

Not suitable on delicate flooring, if in doubt it, is always advisable to do a test in a hidden area.



Premium Pad Brown Strip Pad

Technical specifications

| | |
|-----------------------|--------------------------------|
| Application | Deep cleaning dewaxing |
| Measurements | 39 cm x 23 cm x h 2 cm |
| Number of water holes | 2 |
| Fibre quality | Premium 1st Choice |
| Abrasiveness level | Very High |
| Cleaning ability | Excellent |
| Type of dirt | Heavy |
| Detergent resistance | Optimal |
| Acid resistance | Good |
| Alkaline resistance | Excellent |
| Solvent resistance | Low |
| Dry use | Yes |
| Actual yield | From 150 to 250 square metres. |
| Quantity per pack | pcs. 10 |
| Packaging Size | 40 cm x 25 cm x h 15 cm |

Description

The Premium Brown Strip Pad is suitable for basic and heavy-duty work such as removing wax from floors, cleaning marble before polishing with dust, acid or alkaline washing of stoneware, granite, stone and terrazzo flooring.

Designed to fit the micro-pulse velcro plate perfectly, it can be used both wet and dry. It is also ideal for removing lime, plaster, concrete and paint residues from freshly laid floors.

It can dewax PVC, Linoleum and Rubber even with just water, making it economical and eco-sustainable.

The rectangular shape (like all the pads of the MICROPULSE system) allows you to clean in places that are difficult to reach such as corners and edges. Product for thorough work not suitable for daily washing of delicate surfaces. When in doubt, it is always recommended to do a test in a hidden area.



Premium Pad Melamine White

Technical specifications

| | |
|-----------------------|--------------------------------|
| Application | For microporous floors |
| Measurements | 39 cm x 23 cm x h 2 cm |
| Number of water holes | 0 |
| Fibre quality | Excellent |
| Abrasiveness level | High |
| Cleaning capacity | Excellent |
| Dirt type | High |
| Detergent resistance | Good |
| Acid resistance | Good |
| Alkaline resistance | Good |
| Solvent resistance | Low |
| Dry use | No |
| Actual yield | From 150 to 250 square metres. |
| Quantity per pack | pcs. 5 |
| Packaging Size | 40 cm x 25 cm x h 15 cm |

Description

The melamine WOW PAD far exceeds the cleaning capabilities of any washing pad. key for this exceptional result is the innovative combination of materials with a differentiated structure that, in combination with the MICROPULSE, removes dirt from microporosities.

The melamine WOW PAD is very resistant to tearing even on raised surfaces. The rapid and effective maintenance cleaning of stoneware, klinker, marble, resin and hard stone floors makes us forget the useless and expensive thorough cleaning with traditional discs and chemicals.

With the WOW PAD, dirty residues such as oil, grease, shoe and trolley marks are eliminated in a single step from concrete and/or epoxy resin floors, classic alloys from microporous floors, porcelain stoneware, marble, granite and grit.

It is very important to thoroughly wet the pad before use and distribute plenty of water on the floor to prevent it from drying out.



Diamond pads Golden Pad Microimpulse

Description

The best choice for floor restoration and maintenance. Smooth and polished floors in just 3 steps.

The new Golden Pads are ideal for mechanically polishing surfaces without the need for experience, anyone can achieve incredible results without the risk of damaging them.

Quick and easy to use, anyone can achieve incredible results without any training.



The Golden Pad range differs from normal systems thanks to the new natural fibre support, the high concentration of diamond and the great resistance and durability of the Pad in the most extreme conditions.

The standard system consists of 3 colours, RED PAD 1, GREEN PAD 2 and BLUE PAD 3

Completing the system are two more PADS Number 0 and 00 useful for the restoration of scratched floors and those in poor condition.

PAD STEP 1 RED the most aggressive, it quickly removes scratches, acid stains and stubborn dirt.

PAD STEP 2 GREEN gives tone and colour to the surface leaving it glossy satin.

PAD STEP BLUE gives a very high degree of shine and can be used for routine floor maintenance.

Why use Golden Pads

Easy to use and exceptional results

A simple and effective method, in just three steps you get incredible cleaning and polishing results on various types of floors.

Save time and money

Very low cost per square metre and immediate payback thanks to savings on labour and the use of chemical products.

Smooth and polished wash without chemicals

They can be used both for washing and for thorough treatment or polishing, in all cases chemical products are not used, guaranteeing extreme safety for operators.

Makes surfaces non-slip

Thanks to the micro sanding, the floors will be easy to keep clean and non-slip.

Environmentally-friendly

The use of only water allows a huge saving of chemical products, the Pads made in natural materials, once consumed can be simply disposed of in the waste collection.

Characteristics and advantages

Simple method, fewer steps and better results for cleaning and polishing

Maximum long lasting shine

Non-slip shine

Removes acid stains

Makes surfaces non-slip




Does not damage the surface

Use of water only

Ease of use even for less experienced operators

Eco-Friendly, no chemicals

Ideal for daily maintenance with the lowest possible costs

| Floors | Thorough washing Smoothing Scratch removal | Polishing | Super polish Floor washing |
|--------------|---|---|--|
| Marble |  |  |  |
| Terrazzo |  |  |  |
| Matt granite |  |  |  |
| Ceramics |  |  |  |
| Vinyl |  |  |  |
| Epoxy resin |  |  |  |
| Concrete |  |  |  |

Mini HD 1240 introduces the SCS Square Cleaning System



The operation of the floor scrubber dryers is now based on 2 primary systems: roller (s) or rotating brush (es) (alternatively drive discs and pads). Cleaning takes place through the contact of a rotating roller or a rotating disc on the floor. Although it has already existed for some years, the method of cleaning through the vibration of a rectangular plate and an applied pad, is still little known and little used.

We are convinced that it is only a matter of time and that sooner or later it will become a method used on a large scale.

The reason is simple: the Micropulse vibration of the head greatly increases the level of cleaning as it simulates and amplifies manual rubbing, which is known to everyone, when we have always cleaned any surface. In removing dirt, vibrations are actually a natural action, the use of rollers or discs does not simulate any manual method, even if both are now used.

There are 3 major aspects in the use of a vibrating head

1. **Full and large pad surface.** Vibration, together with adequate pressure, is very effective and **above all uniform** on the floor, in any type of work.

2. **The distribution of the solution or of the washing water alone on the surface is optimal,** as is its consumption, which is negligible.

3. **A vibrating head scrubber dryer, in Aisi 300 stainless steel, is therefore multifunctional and can be used for many activities:** maintenance, intermediate, thorough cleaning (stoneware, but also on technical, non-slip surfaces, etc.), dewaxing, treatments (terracotta, marble, stone, concrete, etc.), restorations, surface preparation, and many others (antiskid, carpets, resins, etc.).

What type of floor do you want to clean, maintain or treat?



ceramic



non-slip surface



PVC



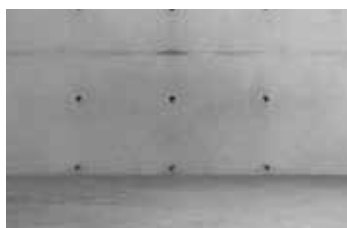
sports flooring



rubber



natural stone



concrete



wood



linoleum



marble



terracotta



carpet

A summary of the main applications.

How do you want to clean, maintain or treat your floor?



Maintenance and thorough cleaning

With the **Square Cleaning System**, thorough floor cleaning is easy. By virtue of the Micropulse vibration of the head of the scrubber dryer, the pads can penetrate deep into the surface.

With every small movement of the machine, the cleaning fibres penetrate the grout lines and the structure, resulting in deep, thorough cleaning.

Depending on the degree of dirt, we recommend the white - red or green Premium Pads mentioned on page 14 -15.

Wet stripping /dewaxing

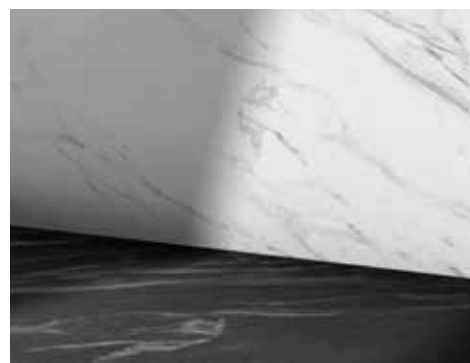
The very high rotation/vibration (50 Hz), together with the high working pressure, causes a rapid removal of waxes or old paint on the floors (stripping with water alone or with dewaxers).

There are multiple dewaxing techniques, however the wet method remains the most effective.

The protective products are removed with a minimum amount of water and without the addition of chemicals. However, the appropriate brown pad (D.090.0) must be used.

This offers numerous advantages: no expensive solvent, no risk of ruining or discolouring the surface, no neutralisation, no slippery floor, etc.

Use the Premium Strip Pad Brown.



Cleaning - Treatment and polishing of natural stone

Square Cleaning System is a very effective method for cleaning, renovating, polishing and maintaining especially calcareous stones (marble, terrazzo, etc.). The Golden Pads range has been designed specifically for this application.

Polishing

The last step of the restoration process is polishing with the **Square Cleaning System** which can be used to give the surface a medium gloss or very glossy finish.

Maintenance

After renovation, the floor can be cleaned every day using the pad last used during the renovation process. It is not necessary to use a cleaning chemical, but only water.



Cleaning ceramic tiles

Cleaning ceramic tiles is not always easy. The often microporous structure causes the dirt to stubbornly adhere to the surface. It is recommended to use clean water on ceramic tiles with a very low use of detergents.



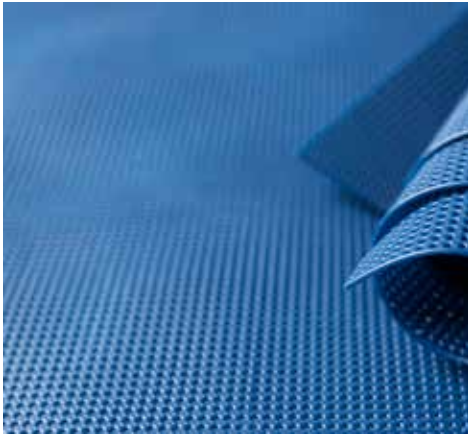
Melamine Pad for high traffic areas

In case of light or medium dirt, the use of the current pads is sufficient: white – red – green; for stubborn dirt on ceramic or high traffic tiles, we recommend using the melamine pad occasionally and then returning to the white or red pad. Use detergents only in the presence of a lot of limescale or oil.

Non-slip and safety floor cleaning

Square Cleaning System is ideal for thorough cleaning of non-slip floors (swimming pools, kitchens, bathrooms, changing rooms, sanitary facilities, etc.). Due to the small movement of the impulse machine, the pad (mainly **microfiber pads**) has the possibility to penetrate deeper into the surface and especially into the grout lines.

With every small movement of the machine, the fibres adhere to the floor structure, ensuring deep, thorough cleaning. In case of encrusted limescale, first remove it with traditional means and then use the Mini HD 1240 scrubber dryer, even with only water.



Cleaning and maintenance of elastic flooring (PVC, rubber, etc.)

PVC is becoming a popular finish. In principle we can only clean floors in PVC and clean them thoroughly. In the case of smooth floors, white or red pads are sufficient for cleaning. In the case of structured PVC, it is advisable to clean it with a microfiber pad! Chemicals are not necessary with this method. Use a moderate amount of water.

Because in many cases a PVC floor is normally finished with a protective layer; when scratches occur on the finish, there are ways to repair them.

The restoration of the PVC floors is carried out with the thick brown disc followed by the reapplication of the protective layer.



Cleaning and restoration of sports floors

The maintenance and cleaning of sports floors is not always easy.

The high frequency of use together with the strict safety regulations, result in a particular attention on the surface roughness. For cleaning plastic and rubber sports flooring, we recommend a 2-phase cleaning and maintenance plan: daily/weekly cleaning with the red pad and periodic cleaning with the Melamine pad.



Cleaning of sports floors and other floors in wood

The melamine pad is ideal for high traffic areas.

In the description above we talk about cleaning plastic/rubber sports floors. The maintenance and cleaning of wooden sports floors is also possible with the **Square Cleaning System**, by greatly limiting the use of water (0.1-0.2 l/min).





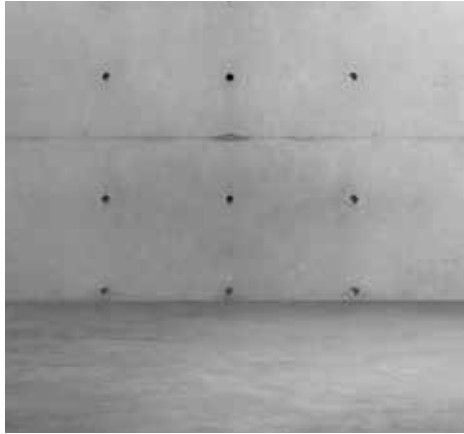
Cleaning and restoration of rubber flooring

Thorough cleaning or restoring a rubber floor starts with determining the type of floor. Smooth floors are cleaned with white or red pads, structured floors with microfibre even without special detergents.



Resin floor cleaning

The use of white or red pads is recommended in relation to the type of dirt.



Cleaning floors in concrete / painted concrete/ terracotta tiles

For many of these heavy applications, both the high mechanical capacity of the Mini HD 1240 (vibration and weight) and the adoption of a specific amaranth pad (page 15) in the range studied in order to obtain the maximum result obtainable on these surfaces help. Obviously, we leave it to the professionals to use specific detergents to remove grease-oil/ tyre marks, etc.



Cleaning very dirty floors

For example, in industrial environments or garages with greasy dirt on concrete floors, or black marks on coated concrete, cleaning can certainly be achieved with the Square Cleaning System.



Cleaning Linoleum floors

Linoleum is a common flooring that lends itself very well to cleaning with the Square Cleaning System.



Cleaning textile surfaces (carpets)

The Square Cleaning System also performs very well for thorough cleaning textile surfaces with the appropriate microfibre pad. Cleaning is deep, fast, thorough and simple. Given the low water consumption after 15/20 minutes, the carpet is dry and can be walked on once again.

Main users of the Square Cleaning System



Service providers

Today they face ever-changing challenges. The demand to clean without detergents, to do more in less time, to maintain increasingly sophisticated floor finishes and to work with a variable staff base is growing.

advantages of SCS Square Cleaning System method

- Reduces working time
- Reduces the use of chemicals by more than 90%
- Uses 5 times less water
- Allows use on any flooring
- Allows maintenance, intermediate and thorough work to be carried out
- Does not require particularly specialised personnel, as the use of the machine is very easy and intuitive
- Greatly reduces overall costs
- Solves almost all cleaning and maintenance problems of any hard or elastic surface.
- Guarantees high quality (uniformity) and long-lasting results compared to traditional single-brush work (classic or orbital).
- Allows you to clean effortlessly and without expensive manual operations, edges and corners.

In summary, we can carry out floor maintenance in a simple and ecological way with better results and in less time!

Hospital / Healthcare Settings

Various environments and floors, various types of dirt, the need for excellent cleaning and sanitisation of surfaces leads us to consider the simplicity of use and the effectiveness of floor scrubber dryers as a priority. The dewaxing and cleaning of bathrooms and non-slip areas are the most common uses of vibrating machines.

advantages of SCS Square Cleaning System method

- Very silent machine
- Can be used by everyone
- Can be used on any surface
- Allows for deep cleaning but also maintenance / dewaxing
- The stainless steel head is easy to clean, hygienic and reduces the growth of bacterial load

Hospitality

There are few buildings where the diversity of cleaning plans is as wide as in the hospitality sector. Carpets, natural stone floors, PVC floors, non-slip floors, safety floors/antiskid floors in kitchens, etc. This diversity forces the facility manager to think carefully about the type of machine they will use.

advantages of SCS Square Cleaning System method

- Very silent machine
- Can be used by everyone
- Can be used on any surface (from carpet to marble, in the kitchen or bathrooms)
- Allows any type of cleaning quickly
- No detergents are needed most of the time.

The **Square Cleaning System** is done with the **MINI HD 1240**: an innovative floor scrubber dryer, with a vibrating rectangular head, in eccentric Aisi 304 stainless steel (39x23cm working track), based on Micro-pulse technology.



Partner



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