



**LINDHAUS**<sup>®</sup>  
QUALITY CLEANING EQUIPMENT



PROFESSIONAL LINE  
DOMESTIC LINE

Passion, quality and family values  
since 1987



## WHO IS LINDHAUS?

### "From motor builders to the company's birth."

Rotafil family company, is the electric motors manufacturer which are the hearth of each Lindhaus machine.



since  
**1960**

Rotafil manufacture high quality, reliable and durable electric motors.

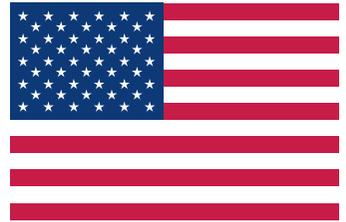


since  
**1987**

Lindhaus design and manufacture quality cleaning machines for professional and domestic application, sold worldwide.

since  
**1992**

An office was opened in Minneapolis USA to distribute throughout the U.S. market the domestic machines DP5 and DP5 evolution.



## VALUES

### "Everyone is worth as much as the things to which he gives importance."

Marcus Aurelius





# LW30 eco FORCE LW38 eco FORCE

## High Tech Scrubber

### STRENGTHS

- Lightweight **10.2 - 10.6 kg (under 25.1 pounds)**
- The world lowest base profile **14 cm (5.5 in)**
- Injection/extraction
- Window cleaner
- **Minimum consumption** of water and detergents



| TECHNICAL DATA  | LW30 eF                       | LW38 eF                     |
|---|-------------------------------|-----------------------------|
| Working width - vacuum mm (in)                              | 280 (11)                      | 358 (14)                    |
| Working width - brush mm (in)                               | 255 (10)                      | 335 (13.2)                  |
| Working capacity apx. sqm/h (sq/ft/h)                       | 250 (2700)                    | 320 (3450)                  |
| Solution tank capacity (lt.)                                | 2.6                           | 2.6                         |
| Recovery tank capacity (lt.)                                | 2.6                           | 2.6                         |
| Brush roller rotation speed (RPM)                           | 1500                          | 1500                        |
| Base height mm (in)   | 140 (5.5)                     | 140 (5.5)                   |
| Weight on handle full tank kg (lb)                          | 1.3 (2.8)                     | 1.3 (2.8)                   |
| Voltage/Frequency (V/Hz)                                    | 120/60                        | 120/60                      |
| Input power (W)   | 900                           | 900                         |
| Rotafil high-efficiency vacuum motor (W)                    | 750                           | 750                         |
| Rotafil top-performance brush motor (W)                     | 250                           | 250                         |
| Power cord length m (ft)                                    | 12.5 (41)                     | 12.5 (41)                   |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 1800 (73.6)                   | 1800 (73.6)                 |
| Air flow lt./sec. (CFM)                                     | 43 (89.3)                     | 43 (89.3)                   |
| Battery charger   | -                             | -                           |
| Run-time - fully charged battery (min.)                     | -                             | -                           |
| Battery recharging time (min.)                              | -                             | -                           |
| Electronic overload control                                 | Standard                      | Standard                    |
| Electronic pump control                                     | Standard                      | Standard                    |
| Water dosing  | Pump                          | Pump                        |
| Protection class  | IPX4                          | IPX4                        |
| Noise level (dba)   | 70                            | 70                          |
| Total net weight kg (lb)                                    | 10.2 (22.5)                   | 10.6 (23.3)                 |
| Dimensions mm (in)  | 300x410x1130 (11.8x16.1x44.5) | 380x410x1130 (15x16.1x44.5) |

1. Perfect on any type of floor from rough to the most delicate, **washes and dries in both directions.**
2. **Brush pressure is adjustable** and indication lights show the accurate setting. Sophisticated electronic overload control maintains constant speed (1500 RPM) and switches off the motor in case of overload.
3. Available options include a special upholstery **injection/extraction cleaning kit** as well as a window cleaning kit.



# LW35 Flexy

Professional battery scrubber drier



## STRENGTHS

- Design, technology and construction 100% made in Italy
- Ideal for any hard floor
- **The body frame rotates freely 90° on both sides**
- **Flexy joint for maximum manoeuvrability**
- **High battery autonomy: 45 min**
- Tank autonomy: 15 min.
- Water tank capacity 2.5 l
- Base height of 150 mm only
- Very low water consumption
- **Weight on handle 960 g with full tank only**
- Total weight 10.1 kg including battery



### TECHNICAL DATA

### LW35 Flexy

|  |                                   |
|--|-----------------------------------|
| Working width - vacuum mm (in)                               | 365 (14.4)                        |
| Working width - brush mm (in)                                | 335 (13.2)                        |
| Working capacity apx. m <sup>2</sup> /h (ft <sup>2</sup> /h) | 600 (6458)                        |
| Solution tank capacity (lt.)                                 | 2.5                               |
| Recovery tank capacity (lt.)                                 | 2.5                               |
| Working time with full tank (min.)                           | 18                                |
| Brush roller rotation speed (RPM)                            | 1400                              |
| Base height mm (in)  | 150 (5.9)                         |
| Weight on handle full tank kg (lb)                           | 0.96 (1.92)                       |
| Voltage/Frequency (V)  | 36 DC                             |
| Input power (W)  | 300                               |
| Rotafil high-efficiency vacuum motor (W)                     | 300                               |
| Battery charger  | 120/60                            |
| Li-ion battery (V/Ah)  | 36/6                              |
| Run-time - fully charged battery (min.)                      | 45                                |
| Battery recharging time (min.)                               | 90                                |
| Electronic overload control                                  | Standard                          |
| Electronic pump control                                      | Standard                          |
| Water dosing   | Pump                              |
| Protection class   | IPX4                              |
| Noise level (dba)  | 70                                |
| Total weight battery included kg (lb)                        | 10.1 (20.2)                       |
| Dimensions mm (in)   | 390x430x1150 h (15.3x16.9x45.3 h) |

1. The **LW35 Flexy** represents the evolution of **Lindhaus'** compact professional cleaning. Thanks to its "**Flexy**" joint, the handle **rotates freely 90°** on both sides, allowing easy access even under tables, chairs, and low furniture.
2. The machine is powered by a **36V-6Ah lithium-ion battery**, which provides **up to 45 minutes of runtime** and fully charges in approximately 90 minutes. With a single 300W motor and a patented suction system that integrates a front squeegee and rear squeegee, the **LW35 Flexy** cleans and dries effectively in both directions, like a dual-suction scrubber-dryer.
3. The **ultra-low base (150 mm)** and **low water consumption** make it perfect for environments where speed, silence, and hygiene are essential.
4. Ideal for offices, hotels, wellness centers, schools, and any professional environment requiring high performance in small spaces.



# LW44-LW52 Flexy



Professional battery-powered floor scrubber driers

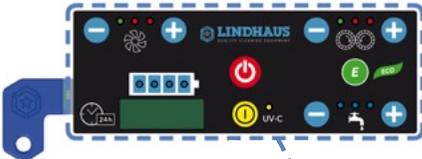


## STRENGTHS

- High efficiency **Rotafil** brushless suction motor
- **2** self-cooling **Rotafil** gearmotors
- Easy to handle and light, just drive them, they go by themselves!
- **Patented Flexy joint** free or lockable in any position
- Removable solution tank mounted on the body frame
- Recovery tank with **HEPA filter** integrated in the base
- 36V-20Ah lithium-ion battery for **90 minutes of autonomy**
- The base is the lowest on the market (219 mm)
- Hourly output above average (**1600 to 2000 m<sup>2</sup>/h**)
- Front and wall washing and drying
- Steering nozzle for perfect drying even in curves
- Immediate replacement of brushes and squeegee **without tools**
- It folds up on itself for transport even in a car
- Very low weight and noise level



**EVERYTHING UNDER CONTROL**  
thanks to the display on the handle



**HIGH EFFICIENCY ROTAFIL MOTORS**  
with 36VCC and 300W with three speeds



**POWERFUL 720Wh BATTERY**  
for an autonomy of 90 minutes



**EXCLUSIVE FLEXY JOINT**  
to get anywhere



**WIDE CHOICE OF BRUSHES**  
to clean all types of floors



**REMOVABLE TANKS**  
great practicality



| TECHNICAL DATA   | LW44 Flexy   | LW52 Flexy   |
|--|--------------|--------------|
| Working width - vacuum mm (in)                           | 540 (21.3)   | 540 (21.3)   |
| Working width - brush mm (in)                            | 440 (17.3)   | 520 (20.5)   |
| Working capacity apx. 1 m/s x ww brush sqm/h (sqft/h)    | 1600 (17222) | 2000 (21528) |
| Solution tank capacity (lt.)                             | 6            | 6            |
| Recovery tank capacity (lt.)                             | 6            | 6            |
| Brush rotation speed (RPM)                               | 200-250-300  | 150-200-250  |
| Base height mm (in)                                      | 219 (8.6)    | 219 (8.6)    |
| Weight on handle kg (lb)                                 | 0-3 (0-6.6)  | 0-3 (0-6.6)  |
| Supply voltage (V)                                       | 36           | 36           |
| Input power (W)  | 600          | 600          |
| Rotafil high-efficiency brushless by-pass vac. motor (W) | 200-250-300  | 200-250-300  |
| Air flow lt./sec. (CFM)                                  | 35 (74.1)    | 35 (74.1)    |
| Inverter with power cord 12.5 m (41.7 ft) length         | Optional     | Optional     |
| Rotafil gearmotors brushes                               | 2x150        | 2x150        |
| Brushes pressure (empty) kg (lb)                         | 25 (55.1)    | 26 (57.3)    |
| Battery charger (V/Hz)                                   | 120/60       | 120/60       |
| Battery (V/Ah)   | 36/20        | 36/20        |
| Run-time (ecomode) (min.)                                | 90           | 90           |
| Battery recharging time (min.)                           | 200          | 200          |
| LED bar with 9 UV-C lamps                                | -            | -            |
| Overload electronic control                              | Standard     | Standard     |
| Variable flow of water                                   | 3 levels     | 3 levels     |
| Protection class   | IPX 4        | IPX 4        |
| Noise level (dba)  | 68           | 68           |
| Total weight with battery kg (lb)                        | 26 (57.3)    | 28 (61.7)    |
| Dimensions mm (in)                                       | 444x550x1250 | 524x570x1250 |

1. The powerful 36V-20Ah lithium-ion battery allows an **autonomy of 90 minutes** and is fully recharged in just 200 minutes.
2. High efficiency **Brushless By-Pass suction motor** 36VDC-300W produced by Rotafil in Padua with **3 speeds** to obtain 200, 250 and 300 Watts of power.
3. The **patented Flexy joint** allows the rudder to rotate 360°; with a single lever it blocks it in the desired position, allows easy access under tables and low furniture and allows it to be folded to transport the machines even in the car.
4. The **two counter-rotating brushes** protrude both laterally and frontally for washing right up to the wall; they are easily replaced thanks to their quick bayonet coupling.
5. The **integrated display in the handlebar** allows control of each function of the machine.



# LW46 Hybrid - LW46 Electric



Hybrid scrubber drier for medium and large surfaces

## STRENGTHS

- Use with **battery and cord** for extended working time
- High efficiency **Rotafil** motors for the longest running time
- Maneuverable and light, just guide it and it goes by itself!
- Removable water tanks on the body frame
- The world's lowest base housing profile: 230 mm (9 in)
- **Superior working capacity: 1,500 sqm/h (16,150 sqft/h)**
- Scrubs + dries wall to wall + front
- Dries perfectly on turns thanks to the easy glide suction nozzle
- Quick brush roller and squeegee replacement **without tools**
- The body frame turns to fold the machine for transport in a vehicle
- Light weight and low noise level



| TECHNICAL DATA  | LW46 Hybrid                   | LW46 Electric |
|---|-------------------------------|---------------|
| Working width - vacuum mm (in)                              | 520 (20.5)                    | 520 (20.5)    |
| Working width - brush mm (in)                               | 460 (18.1)                    | 460 (18.1)    |
| Working capacity apx. sqm/h (sqft/h)                        | 1500 (16150)                  | 1000 (10765)  |
| Solution tank capacity (lt.)                                | 10                            | 10            |
| Recovery tank capacity (lt.)                                | 13                            | 13            |
| Brush roller rotation speed (RPM)                           | 1200                          | 1200          |
| Base height mm (in)   | 230 (9)                       | 230 (9)       |
| Weight on handle full tank kg (lb)                          | 0                             | 0             |
| Voltage/Frequency (V/Hz)                                    | 24 DC                         | 120/60        |
| Input power (W)   | 540                           | 900           |
| Rotafil high-efficiency vacuum motor (W)                    | 360                           | 600           |
| Rotafil top-performance brush motor (W)                     | 150                           | 300           |
| Power cord length m (ft)                                    | 15 (49.2)                     | 15 (49.2)     |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 1250 (49.2)                   | 1800 (71)     |
| Air flow lt./sec. (CFM)                                     | 35 (74.1)                     | 40 (84.7)     |
| Battery charger (V/Hz)                                      | 120/60                        | -             |
| Run-time - fully charged battery (min.)                     | 90                            | -             |
| Battery recharging time (min.)                              | 180                           | -             |
| Electronic overload control                                 | Standard                      | Standard      |
| Electronic pump control                                     | Standard                      | Standard      |
| Water dosing  | Pump                          | Pump          |
| Protection class  | IPX4                          | IPX4          |
| Noise level (dba)   | 68                            | 69            |
| Total net weight kg (lb)                                    | 60.4 (133.1)                  | 43 (95)       |
| Dimensions mm (in)  | 505x600x1200 (19.9x23.6x47.2) |               |

1. **LW 46 Hybrid** has removable water tanks for easy filling and cleaning.
2. Brush roller and squeegee are quick to change **without tools**.
3. The battery charger and the **15 m (49.2 ft) cord** are on board; it can operate on any type of hard floor. Just some of the perfect applications for the **LW46 Hybrid** are: vehicle showrooms, churches, museums, dance studios, sports halls, schools, medical facilities, airports, railway stations, shopping malls, supermarkets, restaurants, warehouses, pool sides, and many others.



# LB4 L-ion Digital Pro Superleggera

Superlight Multifunction Backpack vacuum cleaner for floors and carpets



## STRENGTHS

- Ideal for difficult to reach areas: theaters, trains, airplanes, boats, busses, stairs etc.
- Rotafil Brushless motor
- 6-stage filtration system
- Equipped with 36V-6Ah Lithium Ion battery for long runtime
- **Superlight: 3.8 Kg (8.4 lb) including the battery!**
- Ergonomic handle and aluminum telescopic wand
- Lindhaus patented universal floor tool M28R
- Blower function
- Multifunction remote control
- Canister vacuum function (optional)



| TECHNICAL DATA   | LB4 L-ion Digital Pro           |
|--|---------------------------------|
| Working width - vacuum mm (in)   | 280 (11)                        |
| Working width - brush mm (in)  | 280 (11)                        |
| Filter bag capacity (3-layer microfiber lt.)                                     | 4                               |
| Full set of tools on board   | Standard                        |
| Voltage (V)  | 36 DC                           |
| Input power/Rotafil high-efficiency vac motor (W)                                | 340                             |
| Water-lift/vacuum Min. Med. Max. power mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 1300-1540-1560 (51.2-60.6-61.4) |
| Air flow Min. Med. Max. power lt./sec. (CFM)                                     | 29-34-40/61.4-72-84.7           |
| Filtration level HEPA H13 filter at 0.3 μ (standard)                             | 99.97%                          |
| 3M Filtrete exhaust microfilter  | Optional                        |
| Battery charger  | 41V DC - 4A                     |
| Run time Min. Med. Max. power (min.)   | 60 - 50 - 40                    |
| Battery recharging time (min.)   | 90                              |
| Battery check with charge level indicator  | Standard                        |
| Overload electronic control  | Standard                        |
| Full bag/temperature   | Auto shut-off                   |
| Noise level Min. Med. Max. power db(A)   | 62-63-65                        |
| <b>Total net weight kg (lb)</b>  | <b>3.8 (8.38) with batt.</b>    |
| Dimensions mm (in)   | 235x200x495h (9.3x79x19.5 h)    |

- 1. LB4 Digital pro** is the "lightest backpack vacuum in the world": only 3.8 kg (8.4 lb) battery included. This advantage combined with the comfort provided by the **padded backrest** and the fully **adjustable padded straps** allows it to be used many hours a day without straining the operator.
- 2. Multifunction remote control ON/OFF**, 3 speeds switch, full bag light, motor over temperature light, battery level. The remote control can be easily removed to use the machine as a canister vacuum. The machine works even without remote control since all the functions are duplicated on board.
- The strong suction can also be used for the blowing function. It just requires a standard kit that conveys the outgoing air of the motor. Using a hose for suction and one for blowing, the LB4 can also provide suction and blowing simultaneously.
- The **Rotafil digital brushless Motor** is the result of a long development work conducted at the same time with the development of the electronic management. The result in terms of size, **weight (only 450g - 0.99 lb)**, performance and noise is truly exceptional. **The Power consumption is only 340W**, this brought the machine, to **work 60 minutes in continuous service**. The "turbo" function on each speed allow to have 1 minute of super suction if necessary.



# LB4 L-ion Superleggera

# LB4 Electric Superleggera

Superlight Multifunction Backpack vacuum cleaner for floors and carpets



### STRENGTHS

- Ideal for difficult to reach areas: cinemas, theatres, trains, airplanes, stairs etc.
- 5-stages filtration system
- Ergonomic handle and aluminum telescopic wand
- Lindhaus patented universal floor tool M28R
- Blower function (optional)
- Power nozzle with Dry Cleaning System (DCS) (optional)

### LB4 L-ion

- 36V-6Ah Lithium Ion battery for long runtime
- Superlight: **4.9 kg (10.3 lb) with battery**, silent and very handy

### LB4 ELECTRIC

- 12.5 m cable for non-stop work
- Superlight: **3.8 kg (8.38 lb)**



### TECHNICAL DATA

|   | LB4 L-ion                    | LB4 Electric        |
|---|------------------------------|---------------------|
| Working width - vacuum mm (in)                              | 280 (11)                     | 280 (11)            |
| Working width - brush mm (in)                               | 280 (11)                     | 280 (11)            |
| Filter bag capacity (3-layer microfiber -lt.)               | 4                            | 4                   |
| Full set of tools on board                                  | Standard                     | Standard            |
| Voltage/Frequency (V/Hz)                                    | 36 DC                        | 120/60              |
| Input power/Rotafil high-ef. vac motor (W)                  | 400                          | 700                 |
| Power cord length mt. (ft)                                  | -                            | 12.5 (41)           |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 1280 (50)                    | 2300 (90)           |
| Air flow lt./sec. (CFM)                                     | 30 (63.5)                    | 52 (110.2)          |
| 3M Filtrate exhaust microfilter                             | Standard                     | Standard            |
| Motor protection filter                                     | Standard                     | Standard            |
| HEPA filtration level at 0.3µ (H13 standard)                | 99.97%                       | 99.97%              |
| Battery charger   | 41V DC - 4A                  | -                   |
| Run-time - fully charged battery (min.)                     | 30                           | -                   |
| Battery recharging time (min.)                              | 90                           | -                   |
| Battery check with charge level indicator                   | Standard                     | -                   |
| Vacuum motor protection                                     | Electric valve               | Thermo/Amp.         |
| Overload electronic control                                 | Standard                     | -                   |
| Noise level (dba)   | 64                           | 69                  |
| <b>Total net weight kg (lb)</b>                             | <b>4.9 (10.8) with batt.</b> | <b>3.8 (8.38)</b>   |
| Dimensions mm (in)  | 235x200x495 (9.3x7.9x19.5)   | -                   |
| <b>Power Nozzle PB14e L-ion</b>                             | -                            | <b>Optional</b>     |
| Working width - vacuum/brush mm (in)                        | -                            | 380 (15)/350 (13.8) |
| Brush roller rotation speed (RPM)                           | -                            | 4000                |
| Rotafil top-performance brush motor (W)                     | -                            | 120                 |
| Overload electronic control                                 | -                            | Standard            |

1. LB4 Superleggera has been designed in detail to achieve high performances, large bag capacity, highest level of filtration even with extremely small dimensions and low weight: it is the "world lightest professional backpack vacuum". The **padded and transpiring back-rest** and the fully **adjustable padded straps** allow to use it many hours a day without straining the operator.
2. Powerful, silent and super handy, it is equipped with the **patented standard Lindhaus M28R universal brush**. The suction is perfect at 360° and the central bristles are self-cleaning. For delicate flooring there is also a brush with natural felt (optional).
3. The strong suction, especially of the Electric version, can also be used for the blowing function. It just requires an optional kit that conveys the outgoing air of the motor. Using a hose for suction and one for blowing, the machine can blow and suck at the same time.
4. **Energy consumption is extremely low: 400W for the L-ion version and 700W for the Electric version only.** Versions voltages 115V-400hz for use on aircraft are available.



# LB3 L-ion Digital Pro

## LB3 eco FORCE

Battery or electric broom/multifunction carpet cleaner

### STRENGTHS

- Ideal for mixed floors: carpet - hard floor
- Light, quiet and very easy to handle
- Patented universal brush for floors and carpets
- Accessories on board
- Quick release for switching from carpet cleaner to electric broom
- Integrated dry-cleaning system

### LB3 L-ion Digital Pro

- Rotafil digital motor with 3 speeds
- Lithium-ion battery 36V - 6Ah

### LB3 eco FORCE

- 700W Rotafil HE motor



LB3+M29R

LB3+M38e



### TECHNICAL DATA

|   | LB3 Digital Pro              | LB3 eco Force     |
|---|------------------------------|-------------------|
| Working width - vacuum/brush mm (in)                  | 290 (11.4)                   | 290 (11.4)        |
| Working capacity sqm/h (sqft/h)                       | 520 (5597)                   | 520 (5597)        |
| Bag capacity (three-layer microfibre bag - lt.)       | 3                            | 3                 |
| On board tools  | Standard                     | Standard          |
| Voltage/Frequency (V/Hz)                              | 36 DC                        | 120/60            |
| Input power/ Rotafil high efficiency vacuum motor (W) | 340                          | 700               |
| Power cord length m (ft)                              | -                            | 10 (32.8)         |
| Water lift Min. Med. Max power (mm/H <sub>2</sub> O)  | 1300-1540-1560               | 2000              |
| Air volume Min. Med. Max power lt./sec. (CFM)         | 29-34-40 (61.4-72-84.7)      | 51 (108)          |
| Filtration level HEPA H13 filter at 0.3 μ (standard)  | 99.97%                       | 99.97%            |
| Battery charger                                       | 41V DC - 4A                  | -                 |
| Run-time Min. Med. Max power (min.)                   | 60 - 50 - 40                 | Non-stop          |
| Battery recharging time (min.)                        | 90                           | -                 |
| Battery check with charge level indicator             | Standard                     | -                 |
| Electronic overload control                           | Standard                     | -                 |
| Full bag/over temperature                             | Auto cut off                 | Standard          |
| Noise level Min. Med. Max. power db(A)                | 62-63-65                     | 69                |
| Weight kg (lb)  | 5 (11) with batt.            | 4.4 (9.7)         |
| Dimensions WxLxH mm (in)                              | 290x180x1230 (11.4x7.1x48.4) | -                 |
| <b>Power Nozzle (optional)</b>                        | <b>M38e 36V</b>              | <b>M38e</b>       |
| Input power (W)                                       | 120                          | 150               |
| Working width - vacuum/brush mm (in)                  | 380/350 (15/13.8)            | 380/350 (15/13.8) |
| Working capacity (sqm/h)                              | 680                          | 680               |
| Center convergent bristles brush speed (RPM)          | 4000                         | 5000              |
| Cogged drive belt                                     | Standard                     | Standard          |
| Electronic overload and speed control                 | Standard                     | Standard          |
| Weight kg (lb)  | 2.6 (5.7)                    | 2.6 (5.7)         |

1. The absence of the cable allows you to move freely and more quickly, this allows you to double the productivity.
2. The Rotafil digital brushless Motor is the result of a long development work at the same time with the development of the electronic management. The result in terms of size, weight (only 450 g - 0.99 lb), performance and noise is truly exceptional when compared with the best brushless motors on the market today. **The Power consumption is only 340W, this brought the machine, to work 60 minutes in continuous service.** The "turbo" function on each speed allow to have 1 minute of super suction if necessary.
3. **The 4 levels of filtration system with HEPA filter standard,** makes LB3 Digital Pro perfect for health-care environments, hotels, restaurants, offices, etc.
4. Thanks to the quick release neck, in a few seconds the battery broom can be converted into a professional 2-motor upright vacuum. The power nozzle **M38e** is 36V, is equipped with 4 wheels, height adjustment and electronic overload control to perfectly adapt the machine to any carpet and rugs.



# LS38 L-ion - LS38 Electric

## Mini Multifunction Vacuum Sweeper "twin force" for hard floors and carpets



### STRENGTHS

- Ideal for mixed applications: hard floors/carpeted floors
- Patented mechanical sweeping system "Twin Force" and powerful suction
- 6-stages filtration system
- **Only 100 g handle weight, quiet and easy-to-use**
- Ergonomic handle and aluminum telescopic wand
- Only 14 cm base-height for easy access under furniture
- Adjustable front flap to collect dust or debris up to 10 mm size
- Dry Cleaning System (DCS) available (optional)

### LS38 L-ion

- 36V-6Ah lithium ion battery for long runtime

### LS38 Electric

- 12,5 mt cable for non-stop work



### TECHNICAL DATA

|   | LS38 L-ion              | LS38 Electric |
|---|-------------------------|---------------|
| Working width - vacuum mm (in)                              | 380 (15)                | 380 (15)      |
| Working width - brush mm (in)                               | 350 (13.8)              | 350 (13.8)    |
| Working capacity apx. sqm/h (sqf/h)                         | 1000 (10764)            | 630 (6781)    |
| Filter bag capacity (3-layer microfiber - lt.)              | 4                       | 4             |
| Brush rollers rotation speed (RPM)                          | 2x2000                  | 2x2200        |
| Base height mm (in)   | 145 (5.5)               | 145 (5.5)     |
| Weight on handle kg (lb)                                    | 0.1 (0.22)              | 0.1 (0.22)    |
| Voltage/Frequency (V/Hz)                                    | 36 DC                   | 120/60        |
| Input power/Rotafil vac./brush motor (W)                    | 270                     | 400           |
| Power cord length m (ft)                                    | -                       | 12.5 (41)     |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 650 (25.6)              | 1000 (39.4)   |
| Air flow lt./sec. (CFM)                                     | 15 (32)                 | 24 (51)       |
| 3M Filtrate exhaust microfilter                             | Standard                | Standard      |
| Motor protection filter (washable)                          | Standard                | Standard      |
| HEPA filtration level at 0.3µ (standard)                    | 99.97%                  | 99.97%        |
| Battery charger   | 41V DC-4A               | -             |
| Run-time on hard floors (min.)                              | 50                      | -             |
| Run-time on carpets (min.)                                  | 40                      | -             |
| Battery recharging time (min.)                              | 90                      | -             |
| Battery check with charge level indicator                   | Standard                | -             |
| Soft-start and overload electronic control                  | Standard                | Standard      |
| Insulation class  | III                     | I             |
| Noise level (dba)   | 68.8                    | 71.5          |
| Total net weight kg (lb)                                    | 7.6 (16.7) with batt.   | 6.4 (14.1)    |
| Dimensions mm (in)  | 380x440x140 (15x17x5.5) | -             |

1. The **LS38** world unique machine internationally patented, combines the **mechanical strength of two counter-rotating rollers "twin force"**, which rotate at **2000 RPM, to a perfect suction over the entire sweeping width.** The swivel joint allows a real practical steering effect. The machine is perfectly at ease on rough and polished floors even with wide and deep grooves. It is the ideal tool for low-pile carpets and rugs.
2. **Energy consumption is extremely low: only 400W for the Electric version and 270W for the L-ion battery version.**
3. To obtain the maximum suction together with the maximum capacity to collect large size debris, we have patented an **adjustable front flap** to adapt the machine to any requirement. The collection filter bag has an opening as wide as the brushes themselves thereby preventing any possibility of obstruction.
4. The special **Li-ion battery** capacity is extremely high: **36V-6Ah** allow working continuously and effectively for **50 minutes on floors** and about **40 minutes on low pile carpets.** The easy replacement with-no-tools, allows to easily extend the runtime with a second battery (optional).
5. No tools are required to replace the brush-rollers, to clean the brush area or to replace the filters. The brush-rollers are dynamically balanced and rotate at 2000 and 2200 RPM respectively for versions L-ion and Electric. The brush supports are on metal with ball bearings.

APPROVALS:





# RX eco FORCE

## 380e / 450e / 500e

Heavy duty dual motor Upright Vacuum



450e



380e



500e

### STRENGTHS

- Selected by the White House U.S.A.
- **Strong and reliable - ideal for contract cleaners**
- **Accessories on board**
- 5 levels of filtration with **HEPA filter** (optional)
- Double body/base support with quick release
- Stainless steel guides anti wear
- Available in **3 sizes**: 383 (15.1"), 450 (18"), 500 (20")



### TECHNICAL DATA

|   | RX eF 380e                                      | RX eF 450e  | RX eF 500e  |
|---|---|-------------|-------------|
| Working width - vacuum mm (in)                              | 383 (15.1)                                      | 450 (17.7)  | 500 (19.7)  |
| Working width - brush mm (in)                               | 350 (13.8)                                      | 417 (16.4)  | 467 (18.4)  |
| Working capacity apx. sqm/h (sqft/h)                        | 630 (6781)                                      | 750 (8073)  | 850 (9149)  |
| Filter bag capacity (2-ply paper bag - lt.)                 | 4   | 4           | 4           |
| Brush roller rotation speed (RPM)                           | 5000  | 4500        | 4500        |
| Base height mm (in)   | 85 (3.3)  | 85 (3.3)    | 85 (3.3)    |
| Weight on handle kg (lb)                                    | 1.5 (3.3)                                       | 1.5 (3.3)   | 1.5 (3.3)   |
| Full set of tools on board                                  | Standard  | Standard    | Standard    |
| Voltage/Frequency (V/Hz)                                    | 120 / 60  | 120 / 60    | 120 / 60    |
| Input power (W)   | 880   | 900         | 900         |
| Rotafill high-efficiency vacuum motor (W)                   | 700   | 700         | 700         |
| Rotafill top-performance brush motor (W)                    | 180   | 200         | 200         |
| Power cord length m (ft)                                    | 12.5 (41)                                       | 12.5 (41)   | 12.5 (41)   |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 2300 (90)                                       | 2300 (90)   | 2300 (90)   |
| Air flow lt./sec. (CFM)                                     | 49 (103.8)                                      | 49 (103.8)  | 49 (103.8)  |
| 3M Filtrete exhaust microfilter                             | Standard  | Standard    | Standard    |
| Motor protection filter                                     | Standard  | Standard    | Standard    |
| HEPA filtration level at 0.3µ (H13 std.)                    | 99,97%  | 99,97%      | 99,97%      |
| Vacuum motor protection system                              | Thermo/amp.                                     | Thermo/amp. | Thermo/amp. |
| Electronic overload control                                 | Standard  | Standard    | Standard    |
| Insulation class  | II  | II          | II          |
| Noise level (dba)   | 71  | 71          | 71          |
| Total net weight kg (lb)                                    | 7.79 (17.2)                                     | 8.16 (17.9) | 8.25 (18.2) |
| Dimensions mm (in)  | 383/450/500x260x1260 (15.1/17.7/19.7x10.2x49.6) |             |             |

1. The **dynamically balanced roller** and metal supports with ball bearings can be quickly replaced without tools. The RX is equipped with **4 rubber wheels** as well as **two side cylinders to glide flush with the wall**. **Two wear resistant stainless steel** base guides provide a shockproof system. Two position operation provides easy transition over thresholds.
2. Electronic control provides for a soft start, overload indication for the correct height adjustment and motor shut off.
3. Air and dust are highly filtered and special attention was given to the power nozzle with a washable entry/exit cooling air filter - easily replaced without tools.
4. Thanks to the stretch hose and the telescopic wand on board, is possible to connect the **M28R** hard floor tool.
5. The **blowing function** (optional) makes it possible to dislodge the most difficult dust.

APPROVALS:





# Dynamic eco FORCE 380e



Two motor ultra light upright vacuum cleaner

## STRENGTHS

- Light handle weight (860g - 1.9lb only)
- Ultra strong metal brush supports with bearings
- **Extremely stable**
- Accessories integrated on board
- Replacement filter bag on board
- Integrated dry cleaning system
- Interchangeable roller covers for carpets and floors
- Telescopic handle for maximum comfort



## TECHNICAL DATA

### Dynamic eco FORCE 380e

|   |                             |
|---|-----------------------------|
| Working width - vacuum mm (in)                              | 380 (15)                    |
| Working width - brush mm (in)                               | 350 (13.8)                  |
| Working capacity apx. sqm/h (sqft/h)                        | 630 (6781)                  |
| Filter bag capacity (2-ply paper bag-lt.)                   | 4.5                         |
| Brush roller rotation speed (RPM)                           | 5000                        |
| Base height mm (in)   | 110 (4.33)                  |
| Weight on handle kg (lb)                                    | 0.86 (1.9)                  |
| Full set of tools on board                                  | Standard                    |
| Voltage/Frequency (V/Hz)                                    | 120/60                      |
| Input power (W)   | 880                         |
| Rotafill high-efficiency vacuum motor (W)                   | 700                         |
| Rotafill top-performance brush motor (W)                    | 180                         |
| Power cord length m (ft)                                    | 12.5 (41)                   |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 2300                        |
| Air flow lt./sec. (CFM)                                     | 49 (103.76)                 |
| 3M Filtrete exhaust microfilter                             | Standard                    |
| Motor protection filter                                     | Standard                    |
| HEPA filtration level at 0.3µ (H13-opt.)                    | 99.97%                      |
| Vacuum motor protection system                              | Thermo/amp.                 |
| Electronic overload control                                 | Standard                    |
| Insulation class  | II                          |
| Noise level (dba)   | 71                          |
| Total net weight kg (lb)                                    | 7.86 (17.3)                 |
| Dimensions mm (in)  | 380x325x1180 (15x12.8x46.5) |

1. No tools are required to replace the brush roller or to clean the base housing.
2. DCS is the patented integrated Lindhaus dry-cleaning system. **The mechanical action of the 5000 RPM brush** in conjunction with the Lindhaus dry compound provide thorough cleaning which results in soft, fresh, clean carpet.
3. **Dynamic has a patented weight distribution system** that allows the handle weight to be **860g (1.9lb)** only. Full set of accessories are placed **on board** and a slot to hold extra replacement bags. Accessories placed on board include: extension hose with handle grip, telescopic wand, crevice tool, upholstery tool with bristles and a slot to hold and extra replacement bag.
4. Thanks to the stretch hose and the telescopic wand on board, it's possible to connect the **M28R** hard floor tool.

APPROVALS:





# Activa pro 30 eco FORCE

Single motor carpet cleaner for small surfaces



## STRENGTHS

- Ultra-light machine (**1.63 lb weight on handle**)
- Ultra strong metal brush supports with ball bearings
- **Accessories integrated on board**
- Replacement filter bag on board
- **Extremely stable**
- Extremely low profile
- Integrated dry cleaning system
- Interchangeable roller covers for carpets and floors
- Telescopic handle for maximum comfort
- Very low energy consumption



## TECHNICAL DATA

### Activa 30 pro eF

|   |                               |
|---|-------------------------------|
| Working width - vacuum mm (in)                              | 303 (12)                      |
| Working width - brush mm (in)                               | 272 (10.7)                    |
| Working capacity apx. sqm/h (sqf/h)                         | 480 (5167)                    |
| Filter bag capacity (2-ply paper bag - lt.)                 | 4.5                           |
| Brush roller rotation speed (RPM)                           | 5000                          |
| Base height mm (in)   | 110 (4.33)                    |
| Weight on handle kg (lb)                                    | 0.74 (1.63)                   |
| Full set of tools on board                                  | Standard                      |
| Voltage/Frequency (V/Hz)                                    | 120/60                        |
| Input power (W)   | 850                           |
| Rotafil high-efficiency vacuum motor (W)                    | 850                           |
| Power cord length mt. (ft)                                  | 12.5 (41)                     |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 2000 (79)                     |
| Air flow lt./sec. (CFM)                                     | 49 (103.8)                    |
| 3M Filtrate exhaust microfilter                             | Standard                      |
| Motor protection filter                                     | Standard                      |
| HEPA filtration level at 0.3µ (H11-opt.)                    | 99.96%                        |
| Vacuum motor protection                                     | Electronic                    |
| Overload electronic control                                 | Standard                      |
| Insulation class  | II                            |
| Noise level (dba)   | 69                            |
| Total net weight kg (lb)                                    | 6.7 (14.8)                    |
| Dimensions mm (in)  | 315x300x1180 (12.4x11.8x46.5) |

1. It is equipped with a complete set of **on board accessories** including the replacement filter bag.
2. Very versatile, goes from rugs and carpets to hard floors such as ceramic, marble and wood thanks to a series of roller covers (optional).
3. The dynamically balanced brush roller is mounted on metal supports with ball bearings. In case of blocking a speed sensor sends the information to the electronic control that switches off the motor immediately. The transmission has a double geared belt.

APPROVALS:





# CH pro 38 eco FORCE

## Two motor carpet cleaner

### STRENGTHS

- Strong and reliable
- Only the essential accessories on board
- Double support body/base
- Balanced roller and metal supports with bearings
- **HEPA filter** (optional)
- Blowing function (optional)
- Available **M28R brush** for hard floors



CH pro eF 38+M28R



### TECHNICAL DATA

### CH pro 38 eco FORCE

|   |                            |
|---|----------------------------|
| Working width - vacuum mm (in)                              | 380 (15)                   |
| Working width - brush mm (in)                               | 350 (13.8)                 |
| Working capacity apx. sqm/h (sqft/h)                        | 630 (6781)                 |
| Filter bag capacity (2-ply paper bag - lt.)                 | 4                          |
| Brush roller rotation speed (RPM)                           | 5000                       |
| Base height mm (in)   | 85 (3.3)                   |
| Weight on handle kg (lb)                                    | 1.5 (3.3)                  |
| Full set of tools on board                                  | Standard                   |
| Voltage/Frequency (V/Hz)                                    | 230-240/50-60              |
| Input power (W)   | 880                        |
| Rotafil high-efficiency vacuum motor (W)                    | 700                        |
| Rotafil top-performance brush motor (W)                     | 180                        |
| Power cord length m (ft)                                    | 12.5 (41)                  |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 2300 (90)                  |
| Air flow ft./sec. (CFM)                                     | 49 (103.8)                 |
| 3M Filtrete exhaust microfilter                             | Standard                   |
| Motor protection filter                                     | Standard                   |
| HEPA filtration level at 0.3µ (H13 std.)                    | 99.97%                     |
| Vacuum motor protection                                     | Thermo/amp.                |
| Overload electronic control                                 | Standard                   |
| Insulation class  | II                         |
| Noise level (dba)   | 71                         |
| Total net weight kg (lb)                                    | 7.60 (16.7)                |
| Dimensions mm   | 380x230x1210 (15x9.1x47.6) |

1. The machine **comes down completely horizontally** for easy access under low furniture and beds. The particular construction of the base release system prevents accidental breakage.
2. The electronic overload control switches off the motor in case of excessive overload and provides guidelines for the proper adjustment of the base.
3. The **blowing function** (optional) makes it possible to dislodge the most difficult dust.
4. Thanks to the stretch hose and the telescopic wand on board, it's possible to connect the **M28R** hard floor tool.

CH pro will be produced on order for a minimum order of machines.

APPROVALS:





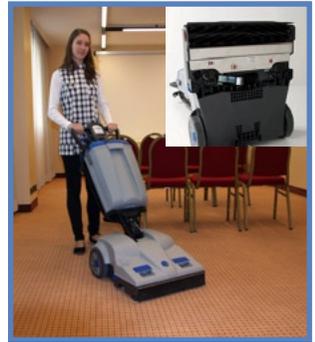
# LS50 Hybrid / Electric

Wide area upright vacuum cleaner



## STRENGTHS

- Use with **battery and cord** for extended working time
- High efficiency motors for the longest running time
- Maneuverable and light, just guide it and it goes by itself!
- Dust bag tank removable on the body frame
- **Large dust bag capacity (16 lt.)**
- The world's lowest base housing profile 230 mm (9 inches)
- **Superior working capacity 1500 sqm/h (16,000 sqft/h)**
- Self adjusting suction nozzle, easily removable for cleaning
- Equipped with full set of tools on board
- Quick brush roller replacement without tools
- The body frame turns to fold the machine for transport in a vehicle
- Light weight and low noise level



## TECHNICAL DATA

|   | LS50 Hybrid                   | LS50 Electric |
|---|-------------------------------|---------------|
| Working width - vacuum mm (in)                              | 450 (18)                      | 450 (18)      |
| Working width - brush mm (in)                               | 450 (18)                      | 450 (18)      |
| Working capacity apx. sqm/h (sqft/h)                        | 1500 (16000)                  | 1300 (14000)  |
| Filter bag capacity (3-layer microfiber - lt.)              | 16                            | 16            |
| Brush roller rotation speed (RPM)                           | 1200                          | 1200          |
| Base height mm (in)   | 230 (9)                       | 230 (9)       |
| Weight on handle kg (lb)                                    | 0                             | 0             |
| Full set of tools on board                                  | Standard                      | Standard      |
| Voltage/Frequency (V/Hz)                                    | 24 DC                         | 120 / 60      |
| Input power (W)   | 540                           | 900           |
| Rotafil high-efficiency vacuum motor (W)                    | 360                           | 600           |
| Rotafil top-performance brush motor (W)                     | 150                           | 300           |
| Power cord length mt. (ft)                                  | 15 (49.2)                     | 15 (49.2)     |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 1250 (49.2)                   | 1800 (71)     |
| Air flow lt./sec. (CFM)                                     | 35 (74)                       | 40 (85)       |
| Motor protection filter (washable)                          | Standard                      | Standard      |
| HEPA filtration level at 0.3µ (H13 standard)                | 99.97%                        | 99.97%        |
| Battery charger (V/Hz)                                      | 120 / 60                      | -             |
| Run-time - fully charged battery (min.)                     | 90                            | -             |
| Battery recharging time (min.)                              | 180                           | -             |
| Battery check with charge level indicator                   | Standard                      | -             |
| Soft-start and overload electronic control                  | Standard                      | Standard      |
| Protection class  | IPX 4                         | IPX 4         |
| Noise level (dbA)   | 68                            | 69            |
| Total net weight kg (lb)                                    | 55 (121)                      | 30 (68)       |
| Dimensions mm (in)  | 505x600x1200 (19.9x23.6x47.2) |               |

## Excellent cleaning efficiency on any carpet!

1. It's equipped with a full set of tools on board for the above the floor cleaning.
2. The bag housing has two comfortable handles for easy transport and cleaning. A large paper bag and washable motor protection filter are standard, while reusable washable bag and washable **HEPA filter** are optional.
3. Optional **DCS converter** is available to transform **LS50** into a **carpet sanitizer** with the use of dedicated Lindhaus Dry Cleaning Detergents. The battery charger and the cord are on board.

APPROVALS:





# PB 14e L-ion

## Battery Power Nozzle



The **PB** series was designed to give a professional solution for the specific requirements of the customer.

Lindhaus engineered this accessory like a machine, it is equipped with the most sophisticated technical features in the world.

Today central vac systems, canister vacuums and back pack vacuum cleaners without an electrified socket can be equipped with the **PB14e L-ion** battery power nozzle to increase efficiency in cleaning textile surfaces. Long service life and low vibration levels, are achieved with superior engineering and precision manufacturing. All rotating components are balanced and protected by electronic controls.



### TECHNICAL DATA

### PB 14e L-ion

|                                       |                       |
|---------------------------------------|-----------------------|
| Input power (W)                       | 120                   |
| Electronic overload control           | Standard              |
| Electric speed control                | Standard              |
| Cogged drive belt                     | Standard              |
| Brush speed (RPM)                     | 4000                  |
| Brush height adjustment               | Standard              |
| Quick brush replacement no tools      | Standard              |
| Dry Cleaning System                   | Standard              |
| Brush width mm (in)                   | 350 (13.8)            |
| Suction width mm (in)                 | 380 (15)              |
| Working time (min.)                   | >60                   |
| Battery recharging time (min.)        | 120                   |
| Insulation class                      | III                   |
| Total weight included battery kg (lb) | 3.3 (7.3)             |
| Dimensions mm (in)                    | 380x230x90 (15x9x3.5) |

1. The electronic control is equipped with a **soft start to avoid current peaks to the battery and motor**, protects the motor and transmission from overload and assists the operator in adjusting the ideal height of the brush according to the type of carpet to be cleaned. If the roller gets stuck, it turns off the engine instantly. The rotation speed of **4000 RPM** is kept constant as the load changes. The central blue LED indicates the battery charge level.
2. The sturdy and efficient battery power nozzle manages to vacuum everything that others leave behind. It requires no maintenance of the toothed belt, motor and electronics.
3. With non-marking rubber tires and an electrical switch to stop the power brush motor in vertical block position, the transition to hard floor saves time and reduces airborne dust.
4. The **PB14e L-ion** has the built in Lindhaus patented Dry Cleaning System; a perfect solution to clean and sanitize carpets and rugs with no risk and minimal effort.



# PB 14 DCS

Power nozzle for dry cleaning of carpets and rugs



The Lindhaus Dry Cleaning System is the perfect solution to clean and sanitize carpets and rugs without risk and with minimal effort. The DCS scrubs the Lindhaus Dry Compound into the carpet fibres to clean, sanitize, and significantly reduce dust mites and bacteria. Equipped with a **41 foot cord**, **ergonomic handle and aluminum telescopic wand** for maximum operator comfort. Apart from being very efficient and light weight the DCS is very affordable.

The Lindhaus detergents: Dry Carpet Cleaning Compound, Pre-Spray Activator, and Stain Remover are superb on any type of textile surface including delicate fabrics (always test fabric before use).

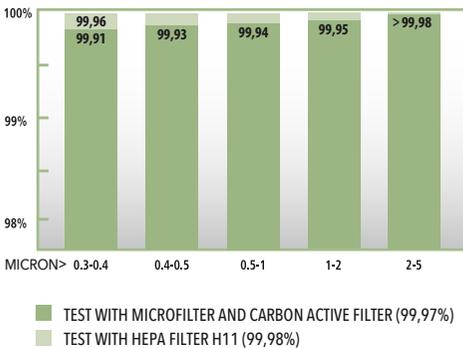
### TECHNICAL DATA

### PB 14 DCS

|  |                           |
|--|---------------------------|
| Working width - brush mm (in)              | 350 (13.8)                |
| Brush roller rotation speed (RPM)          | 4000                      |
| Base height mm (in)                        | 85 (3.3)                  |
| Weight on handle kg (lb)                   | 0.1 (0.22)                |
| Input power (W)                            | 150                       |
| Rotafil top-performance brush motor (W)    | 150                       |
| Power cord length m (ft)                   | 12.5 (41)                 |
| Soft-start and overload electronic control | Standard                  |
| Total net weight kg (lb)                   | 3.2 (7.05)                |
| Dimensions mm (in)                         | 380x230x90 (15x9.05x3.54) |



## NET FILTRATION EFFICIENCY (valid for all machines)



The filtration efficiency tests done on **Lindhaus** machines by the independent laboratory **SLG** (Germany) show the result of its sophisticated construction technology. **CRI** (Carpet & Rug Institute U.S.A.) and **SLG** (Germany) have certified all **Lindhaus** carpet cleaners for their superior ability to remove dust that is fully retained.

Thanks to the brush rolls with convergent bristles to the center that rotate at 5000 RPM and the powerful suction, the **Lindhaus** carpet cleaners are able to remove and deeply clean dust and debris in order to live in healthier and cleaner environments.

APPROVALS:



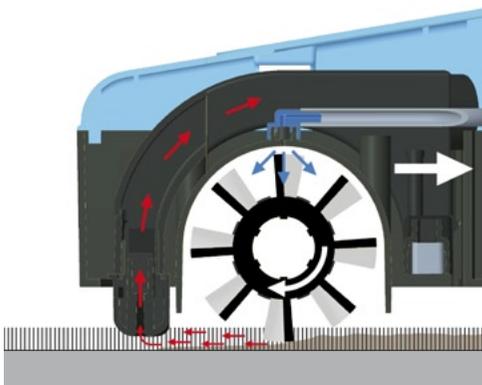


# LW38 Carpet Cleaner

Low-Moisture Carpet Cleaner

## STRENGTHS

- Recovers **over 90%** of the water used
- Lightweight: **10.6 kg (23.3 lb)**
- The lightest weight on handle: **1.3 kg (2.8 lb)**
- The world lowest profile: **only 14 cm (5.5 in)**
- Upholstery and stairs Injection/Extraction kit (optional)
- Window cleaning kit (optional)
- **Minimum consumption of water and detergents**



## MECHANICAL WASHING OF CARPETS AND RUGS

We have studied an innovative **carpet cleaning system with a powerful mechanical action and suction** which allows us to collect **more than 90%** of the water used for washing.

Thanks to its evenly wet soft roller that rotates at **1500 RPM** and a **front suction nozzle**, **LW38 Carpet Cleaner** deeply washes rugs and carpets, leaving the surfaces only slightly damp and thus significantly reducing drying time.

## APPLICATION FIELDS

**LW38 Carpet Cleaner** can work on any type of carpet or synthetic rug.

Its typical work environments are hotels, shops, offices and any other environment where textile surfaces are present.

## WASHING OF UPHOLSTERY AND STAIRS

On the back of the machine there is a **quick coupling to allow the injection/extraction function**. With a convenient accessory kit (optional) it is possible to wash by injection/extraction stairs and chairs and sofas fabrics using the high-pressure pump and the powerful suction motor. Remove the suction hose, apply the washing kit, choose the most suitable nozzle and the machine is ready.

## EASY DISASSEMBLY OF THE BRUSH ROLLER

The brush roller can be replaced in a few seconds and **without tools**: unhook the lateral support and then remove it from underneath.



## INTEGRATED TANKS

The clean and dirty water tanks are integrated into one container. It is very simple to unhook and remove the tank from the machine and empty the dirty water. It can be refilled comfortably even from the lowest taps thanks to the horizontal filling.

## THE WORLD'S LOWEST MACHINE PROFILE

The base, **14 cm high only**, allows easy access even under low furniture. The considerable inclination reachable by the vertical suction body (up to 65 cm from the ground) allows total access of the machine under the tables.

The 4 rubber wheels and the **roller pressure adjustment** always allow you an optimal use of the machine.



### TECHNICAL DATA

### LW38 CC

|   |                            |
|---|----------------------------|
| Working width - vacuum mm (in)                              | 358(14)                    |
| Working width - brush mm (in)                               | 335(13.2)                  |
| Solution tank capacity (lt.)                                | 2.6                        |
| Recovery tank capacity (lt.)                                | 2.6                        |
| Brush roller rotation speed (RPM)                           | 1500                       |
| Base height mm (in)   | 140(5.5)                   |
| Weight on handle full tank kg (lb)                          | 1.3(2.8)                   |
| Voltage/Frequency (V/Hz)                                    | 120/60                     |
| Input power (W)   | 900                        |
| Rotafil high-efficiency vacuum motor (W)                    | 750                        |
| Rotafil top-performance brush motor (W)                     | 250                        |
| Power cord length mt. (ft)                                  | 12.5(41)                   |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 1800(73.6)                 |
| Air flow lt./sec. (CFM)                                     | 43(89.3)                   |
| Electronic overload control                                 | Standard                   |
| Electronic pump control                                     | Standard                   |
| Water dosing  | Pump                       |
| Protection class  | IPX4                       |
| Noise level (dbA)   | 70                         |
| Total net weight kg (lb)                                    | 10.6(23.3)                 |
| Dimensions mm (in)  | 380x410x1130(15x16.1x44.5) |

## ELECTRONIC CONTROL

An **advanced electronic control** allows the soft start of the brush motor, keeps the RPM perfectly constant (1500) and controls any overloads by signaling the correct brush roller pressure via two indicator lights, adjustable by operating the knob on the base.

## PATENTED LIGHTNESS

The brush motor is positioned in the base and the **high efficiency Bypass suction motor** is located in the rotation axis of the vertical body, consequently for the operator the weight on the handle with a full tank is **1.3 kg only**.

## CONTROLS AT HAND

All machine functions are independent and can be selected without taking your hand off the handle.



Valzer+M29R



# VALZER L-ion Digital Pro

## VALZER eco GREEN

Battery or electric broom/multifunction carpet cleaner

### STRENGTHS

- Ideal for mixed floors: carpet - hard floor
- Light, quiet and very easy to handle
- Patented universal brush for floors and carpets
- Accessories on board
- Quick release for switching from carpet cleaner to electric broom
- Integrated dry-cleaning system

### Valzer L-ion Digital Pro

- Rotafil digital motor with 3 speeds
- Lithium-ion battery 36V - 6Ah

### Valzer eco GREEN

- 700W Rotafil HE motor



Valzer+M30e



### TECHNICAL DATA

|  | Valzer Digital Pro           | Valzer eco Green  |
|--|------------------------------|-------------------|
| Working width - vacuum/brush mm (in)                 | 290 (11.4)                   | 290 (11.4)        |
| Working capacity sqm/h (sqft/h)                      | 520 (5597)                   | 520 (5597)        |
| Bag capacity (three-layer microfibre bag - lt.)      | 3                            | 3                 |
| On board tools                                       | Standard                     | Standard          |
| Voltage/Frequency (V/Hz)                             | 36 DC                        | 120/60            |
| Input power/Rotafil brushless vacuum motor (W)       | 340                          | 700               |
| Power cord length m (ft)                             | -                            | 10 (32.8)         |
| Water lift Min. Med. Max power (mm/H <sub>2</sub> O) | 1300-1540-1560               | 2000              |
| Air volume Min. Med. Max power lt./sec. (CFM)        | 29-34-40 (61.4-72-84.7)      | 51 (108)          |
| Filtration level HEPA H13 filter at 0.3 μ (standard) | 99.97%                       | 99.97%            |
| Battery charger                                      | 41V DC - 4A                  | -                 |
| Run-time Min. Med. Max power (min.)                  | 60 - 50 - 40                 | Non-stop          |
| Battery recharging time (min.)                       | 90                           | -                 |
| Battery check with charge level indicator            | Standard                     | -                 |
| Electronic overload control                          | Standard                     | -                 |
| Full bag/over temperature                            | Auto cut off                 | Standard          |
| Noise level Min. Med. Max. power db(A)               | 62-63-65                     | 69                |
| Weight kg (lb)                                       | 5 (11) with batt.            | 4.4 (9.7)         |
| Dimensions WxLxH mm (in)                             | 290x180x1230 (11.4x7.1x48.4) | -                 |
| <b>Power Nozzle (optional)</b>                       | <b>M38e 36V</b>              | <b>M38e</b>       |
| Input power (W)                                      | 120                          | 150               |
| Working width - vacuum/brush mm (in)                 | 380/350 (15/13.8)            | 380/350 (15/13.8) |
| Working capacity (sqm/h)                             | 680                          | 680               |
| Center convergent bristles brush speed (RPM)         | 4000                         | 5000              |
| Cogged drive belt                                    | Standard                     | Standard          |
| Electronic overload and speed control                | Standard                     | Standard          |
| Weight kg (lb)                                       | 2.6 (5.7)                    | 2.6 (5.7)         |

1. **Valzer eco GREEN** is even lighter, can be used continuously, one speed and without electronics. Thanks to the new Rotafil brushless digital motor, **Valzer L-ion** has the same performances compared to the brushed motors, allowing to reach **60 minutes** of non-stop working.
2. Thanks to the sophisticated electronic control, all the functions of the machine can be selected: 3 speeds (L-ion version), 2-motor function, suction motor only, brush motor only, full bag indicator.
3. Thanks to its lightness and the practical central handle, **Valzer** is also an ideal machine for cleaning stairs. Perfect 360° suction thanks to the patented **M29R** brush tool with self-cleaning central bristles. For delicate floors, a felt base (optional) can be attached to the brush tool.
4. **Valzer** can be equipped with the **M30e power nozzle** (optional) for deep cleaning of all types of carpets and rugs. By installing the standard **DCS** conveyor, the M30e power nozzle is suitable to dry clean on carpets and rugs. At the same time, mattresses can be sanitized using a soft brush roller (optional kit). Thanks to its high speed it creates a vibration on the mattress that combined with brushing and suction provides deep cleaning.



H pro eF+M38e



# HEALTHCARE pro eco FORCE

Two motor upright vacuum/electric broom/  
carpet cleaner for domestic environments

### STRENGTHS

- High efficiency Rotafil vacuum motor 700W
- Full set of tools on board
- Light, quiet, compact and easy to use
- 5-stage filtration system
- Electronic power nozzle turns it to a carpet cleaner and a dry cleaning system
- Special patented nozzle M29R floor tool (optional)
- Felt base (optional)
- Back pack kit (optional)
- **HEPA filter** (optional)
- Blowing function (optional)



H pro eF+M29R



### TECHNICAL DATA

### Healthcare pro eF

|  |                             |
|--|-----------------------------|
| Working width - vacuum mm (in)                                   | 380 (14.9)                  |
| Working width - brush mm (in)                                    | 350 (13.8)                  |
| Working capacity apx. sqm/h (sqft/h)                             | 460 (4952)                  |
| Filter bag capacity (2-ply paper bag - lt.)                      | 4                           |
| Brush roller rotation speed (RPM)                                | 5000                        |
| Base height mm (in)  | 85 (3.3)                    |
| Weight on handle kg (lb)   | 1.3 (2.9)                   |
| Full set of tools on board                                       | Standard                    |
| Voltage/Frequency (V/Hz)   | 120/60                      |
| Input power (W)  | 850                         |
| Rotafil high-efficiency vacuum motor (W)                         | 700                         |
| Rotafil top-performance brush motor (W)                          | 150                         |
| Power cord length m (ft)   | 10.7 (35.1)                 |
| Water-lift/vacuum mm/H2O (in/H2O)                                | 2300 (90.6)                 |
| Air flow lt./sec. (CFM)  | 49 (103.8)                  |
| Motor protection filter  | Standard                    |
| Filtration level with 3M Filtrete exhaust microfilter (standard) | 99.91% at 0.3 µ             |
| Filtration level with HEPA filter H13 (optional)                 | 99.97% at 0.3 µ             |
| Vacuum motor protection system                                   | Thermo/amp.                 |
| Noise level (dba)  | 69                          |
| Total net weight kg (lb)   | 4.7 (10.4)                  |
| Dimensions mm (in)   | 380x230x1210 (15x9.06x47.6) |
| <b>M29R nozzle</b>   | <b>Optional</b>             |
| Working width - vacuum mm (in)                                   | 290 (11.4)                  |
| Working width - brush mm (in)                                    | 290 (11.4)                  |
| Base height mm (in)  | 45 (1.8)                    |

1. The patented **M29R** Lindhaus universal nozzle with 4 wheels and all around suction can be equipped with a felt plate (optional) to vacuum and polish delicate floors. The new floor tool **M32R** is available for large surfaces.
2. With a **backpack kit** (optional), the machine turns into a lightweight backpack vacuum cleaner for cinemas, theatres, trains, etc.
3. The **M30e** and **M38e** power nozzles (optional) are equipped with the integrated **DCS** dry cleaning system to sanitize and refresh any type of carpet. The **M38** power nozzle is also available for large surfaces.

APPROVALS:





# Diamante 300e

## Two motor ultra light carpet cleaner



### STRENGTHS

- Light handle weight
- Ultra strong metal brush supports with bearings
- Extremely stable
- Accessories integrated on board
- Replacement filter bag on board
- Integrated dry cleaning system
- Interchangeable roller covers for carpets and floors
- Telescopic handle for maximum comfort
- Special shoe plate for carpet / floor
- Carpet - floor - DCS function



### TECHNICAL DATA

### Diamante 300e

|   |                               |
|---|-------------------------------|
| Working width - vacuum mm (in)                              | 303 (12)                      |
| Working width - brush mm (in)                               | 272 (10.7)                    |
| Working capacity apx. sqm/h (sqf/h)                         | 480 (5167)                    |
| Filter bag capacity (2-ply paper bag - lt.)                 | 4.5                           |
| TNT washable bag  | Optional                      |
| Brush roller rotation speed (RPM)                           | 5000                          |
| Base height mm (in)   | 110 (4.33)                    |
| Weight on handle kg (lb)                                    | 0.86 (1.89)                   |
| Full set of tools on board                                  | Standard                      |
| Voltage/Frequency (V/Hz)                                    | 120/60                        |
| Input power (W)   | 930                           |
| Power cord length mt. (ft)                                  | 12.5 (41)                     |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 2300 (79)                     |
| Air flow lt./sec. (CFM)                                     | 49 (103.8)                    |
| 3M Filtrite exhaust microfilter                             | Standard                      |
| S-Class HEPA filter   | Optional                      |
| HEPA filtration level at 0.3µ (H11-opt.)                    | 99.96%                        |
| Vacuum motor protection                                     | Thermal/amp.                  |
| Overload electronic control                                 | Standard                      |
| Noise level (dba)   | 68.6                          |
| Total net weight kg (lb)                                    | 6.7 (14.8)                    |
| Dimensions mm (in)  | 315x300x1180 (12.4x11.8x46.5) |

- 1. No tools are required** to replace the brush roller or to clean the base housing.
- 2. DCS** is the patented integrated Lindhaus dry-cleaning system. The mechanical action of the 5000 rpm brush in conjunction with the **Lindhaus** dry compound provide thorough cleaning which results in soft, fresh, clean carpet.
- 3. Diamante** has a patented weight distribution system that allows the handle weight to be **only 860g (1.9lb)**.
- 4. Full set of accessories are placed on board** and a slot to hold extra replacement bags. Accessories placed on board include: extension hose with handle grip, telescopic wand, crevice brush, upholstery tool with bristles, square brush and slot to hold and extra replacement bag.

APPROVALS:





# Activa 30 Platinum

Single motor upright vacuum

## STRENGTHS

- Ultra-light machine
- Strong and versatile
- Electronic overload control
- **Accessories on board**
- Brush change without any tool
- Integrated **DCS** dry cleaning system
- Interchangeable roller covers



### TECHNICAL DATA

### Activa 30 Platinum

|   |                               |
|---|-------------------------------|
| Working width - vacuum mm (in)                              | 303 (12)                      |
| Working width - brush mm (in)                               | 272 (10.7)                    |
| Working capacity apx. sqm/h (sqf/h)                         | 480 (5167)                    |
| Filter bag capacity (2-ply paper bag - lt.)                 | 4.5                           |
| Brush roller rotation speed (RPM)                           | 5000                          |
| Base height mm (in)   | 110 (4.33)                    |
| Weight on handle kg (lb)                                    | 0.74 (1.63)                   |
| Full set of tools on board                                  | Standard                      |
| Voltage/Frequency (V/Hz)                                    | 120/60                        |
| Input power (W)   | 850                           |
| Rotafil high-efficiency vacuum motor (W)                    | 850                           |
| Power cord length mt. (ft)                                  | 12.5 (41)                     |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 2000 (79)                     |
| Air flow lt./sec. (CFM)                                     | 49 (103.8)                    |
| 3M Filtrete exhaust microfilter                             | Standard                      |
| Motor protection filter                                     | Standard                      |
| HEPA filtration level at 0.3µ (H11-opt.)                    | 99.96%                        |
| Vacuum motor protection                                     | Electronic                    |
| Overload electronic control                                 | Standard                      |
| Insulation class  | II                            |
| Noise level (dba)   | 69                            |
| Total net weight kg (lb)                                    | 6.7 (14.8)                    |
| Dimensions mm (in)  | 315x300x1180 (12.4x11.8x46.5) |

1. It is equipped with a complete set of **on board accessories** including the replacement filter bag.
2. Very versatile, goes from rugs and carpets to hard floors such as ceramic, marble and wood thanks to a series of roller covers (optional).
3. The dynamically balanced brush roller is mounted on metal supports with ball bearings. In case of blocking a speed sensor sends the information to the electronic control that switches off the motor immediately. The transmission has a double geared belt.

APPROVALS:





# HF6 Super Silent

Multifunction vacuum/carpet cleaner



## STRENGTHS

- Compact and lightweight
- **High-efficiency 1050W Rotafil motor**
- Integrated on board accessories
- 6-stages filtration with HEPA filter (optional)
- **14 lt. filter bag**
- Integrated powerful blowing function
- Quick electrified connection for power nozzle
- Power nozzle and electrified kit (optional)



PB14e L-ion



## TECHNICAL DATA

### HF6 Super Silent

|   |                              |
|---|------------------------------|
| Working width - vacuum mm (in)                              | 290 (11.4)                   |
| Working width - brush mm (in)                               | 290 (11.4)                   |
| Filter bag capacity (3-ply microfiber bag - lt.)            | 14                           |
| Full set of tools on board                                  | Standard                     |
| Voltage/Frequency (V/Hz)                                    | 120/60                       |
| Input power (W)   | 1050                         |
| Power cord length mt. (ft)                                  | 12.5 (41)                    |
| Water-lift/vacuum mm/H <sub>2</sub> O (in/H <sub>2</sub> O) | 2600 (102)                   |
| Air flow lt./sec. (CFM)                                     | 62 (131)                     |
| 3M Filtrate exhaust microfilter                             | Standard                     |
| Motor protection filter                                     | Standard                     |
| HEPA filtration level at 0.3µ (H13 - optional)              | 99.97%                       |
| Vacuum motor protection                                     | Thermo/amp.                  |
| Noise level (dba)   | 69                           |
| Total net weight kg (lb)                                    | 6 (13.2)                     |
| Dimensions mm (in)  | 350x350x430 (13.8x13.8x16.9) |
| <b>Power Nozzle PB14e L-ion</b>                             | <b>Optional</b>              |
| Working width - vacuum/brush mm (in)                        | 350/380 (13.8/15)            |
| Brush roller rotation speed (RPM)                           | 4000                         |
| Rotafil top-performance brush motor (W)                     | 120                          |
| Electronic overload control                                 | Standard                     |
| Electric speed control                                      | Standard                     |
| Working time (min.)   | >60                          |
| Total weight included battery kg (lb)                       | 3.3 (7.3)                    |
| Dimensions mm (in)  | 380x230x90 (15x9x3.5)        |

1. Full range of professional accessories on board, particularly appreciated by hotels and professional operators. It is equipped with full bag light and motor thermal protector.
2. The **blowing function** (as powerful as a compressor) is standard and very useful to dislodge the most difficult dust to be sucked. With the help of a second hose it is possible to blow and suck at the same time.
3. The **6-stages filtration system with the 3M Filtrate exhaust micro filter** can be implemented with a **HEPA filter** (for clean rooms) or an **active carbon filter/micro filter** (for smelly environments).
4. If equipped with the electronic power nozzle **PB14e L-ion**, the **HF6** transforms into a powerful carpet cleaner for thorough cleaning of carpets and rugs. With the supplied conveyor, **PB14e L-ion** also becomes a dry carpet cleaner.

APPROVALS:





# PB 12e - PB 14e - PB 15e PB 14e L-ion

## Power Nozzles

The **PB** series was designed to improve the cleaning performance of any vacuum cleaning system. From back-packs to built-in systems they will provide an extraordinary increase in cleaning efficiency. They can be retrofitted to upgrade almost any canister vacuum cleaner. Lindhaus engineered **PB** series to be the ultimate cleaning accessory. It is equipped with the most sophisticated technical features in the world. Long service life and low vibration levels, are achieved with superior engineering and precision manufacturing. All rotating components are balanced and protected by electronic controls.



PB12e



PB15e



PB14e



PB14 L-ion



| TECHNICAL DATA                     | PB 12e    | PB 14e    | PB 15e    | PB 14e L-ion |
|------------------------------------|-----------|-----------|-----------|--------------|
| Input power (W)                    | 150       | 150       | 150       | 120          |
| Electronic overload control        | Standard  | Standard  | Standard  | Standard     |
| Electric speed control             | -         | -         | -         | Standard     |
| Cogged drive belt                  | Standard  | Standard  | Standard  | Standard     |
| Brush speed (RPM)                  | 5000      | 5000      | 5000      | 4000         |
| Brush height adjustment            | Standard  | Standard  | Standard  | Standard     |
| Quick brush replacement no tools   | Standard  | Standard  | Standard  | Standard     |
| Dry Cleaning System                | Standard  | Standard  | -         | Standard     |
| Brush width mm (in)                | 270(10.6) | 350(13.8) | 350(13.8) | 350(13.8)    |
| Suction width mm (in)              | 300(11.8) | 380(15)   | 383(15.1) | 380(15)      |
| Working time (min.)                | -         | -         | -         | >60          |
| Battery recharging time (min.)     | -         | -         | -         | 120          |
| Insulation                         | Double    | Double    | Double    | Class III    |
| LED version                        | Optional  | Optional  | -         | -            |
| Total weight included battery (kg) | -         | -         | -         | 3.3(7.3)     |

1. Proven integrated circuits protect the motor and the transmission from overload and assist the operator in making the most efficient brush height setting.
2. The robust and efficient power brush can pick up everything the others leave behind. It requires no maintenance and offers a 3 year warranty on timing belt, motor and electronics. Thanks to the rubber wheels and the microswitch that turns off the motor in upright position, transport from carpets to hard surfaces is carried out without wasting time and without raising dust.
3. Thanks to a suction closing plate, the **PB12e**, **PB14e** and **PB14 L-ion** are able to make the Lindhaus **LS500 Crystal** detergent penetrate deeply between the fibres, which in addition to cleaning, reduces noticeably the presence of mites and bacteria.



## FLOOR CLEANERS



### NEUTROLUX

Floor cleaner / maintainer, neutral, self polishing and scented for ceramic, marble, wood.  
Concentrated: dosing 1%.



### ACTIPLUS

Universal floor degreasing detergent for vegetal, animal and mineral fat and oils.  
Concentrated: dosing 1%.



### ACTISTRONG

Highly alkaline degreaser for the removal of dirt from high traffic floors such as supermarkets and shopping malls.  
Concentrated: dosing 1%.



## CARPET CLEANERS



### TEXTILE

Deodorant cleaner for injection/extraction of carpets, rugs and textile upholstery.  
Concentrated: dosing 1%.



### LS500 CRYSTAL

Liquid crystallising spray stain removal for carpets, rugs, mattresses and textile surfaces.  
Ready to use.



# CARPET CLEANERS



## PURE POWER FOAM

Scented organic carpet shampoo for rotary, bonnet, or dry foam extractor type applications.  
Economical dilution.



## PURE POWER EXTRACT'AIRE

Organic carpet detergent for stubborn dirt, grease and oil. Highly concentrated for effective cleaning in hotels, motels, schools, hospitals and homes.



## PURE POWER VELOCITY

Highly concentrated Aerosol for all types of textile surfaces. Removes over 2,000 types of stains without rubbing or scrubbing.  
Ready to use.



## PURE POWER STAIN REMOVER

Industrial grade stain remover for home use. Lifts stains from carpets, upholstery and most hard surfaces.  
Ready to use.



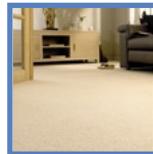
## PURE POWER DYE OUT

Removes any kind of Food Dyes and many other dye and coloring stains.  
To use on carpet, upholstery and fabrics.  
Ready to use.



## PURE POWER BLOCKER/PROTECTOR

Highly durable carpet protector for fabrics, upholstery and carpet from water and oily and dry soils.

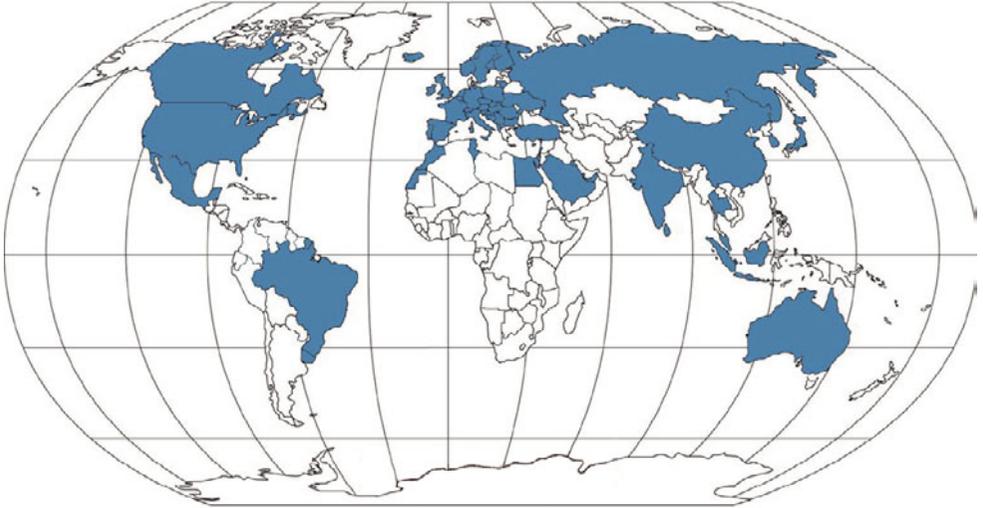


## PURE POWER PET STAINOFF

Industrial grade pet stain remover for home use. To Use on carpet, upholstery & fabrics, it leaves a pleasant fragrance.  
Ready to use.



"Feeling at home everywhere."



86%

Export

52

Countries where  
we export

115

Suppliers

250

Importers /  
Distributors

500

Dealers in USA



## **Lindhaus born with one purpose only:**

*designing and building globally the best professional and domestic multifunction carpet cleaners, 100% Made in Italy.*

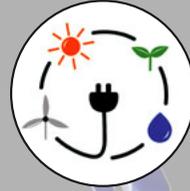
We aim for Italian excellence, throughout the entire supply chain of our products. From the initial idea to construction and assembly, everything is carried out in Padua. This guarantees our customers a product that is checked and designed down to the smallest details without passing through "outside hands."



We produce more than 95% of our energy needs.



We recycle 100% of our production waste: plastic, steel, copper.



100% of the energy we buy is produced exclusively from renewable sources.



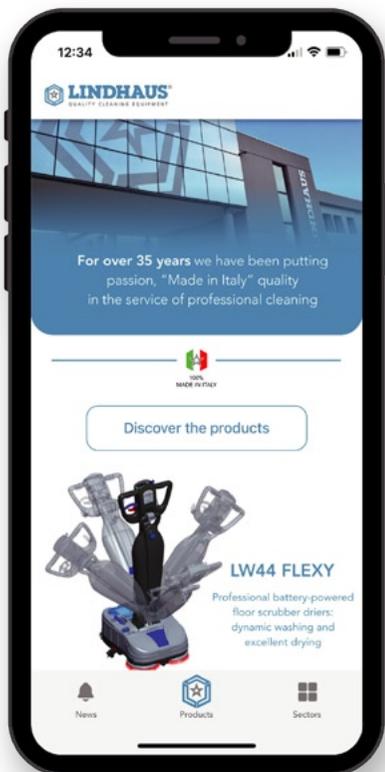
In 2023, a complete renovation of the Lindhaus headquarters with upgrade to class A.



Aerial view of the Rotafil headquarters with the new photovoltaic system.



Aerial view of the Lindhaus headquarters with the new photovoltaic system.



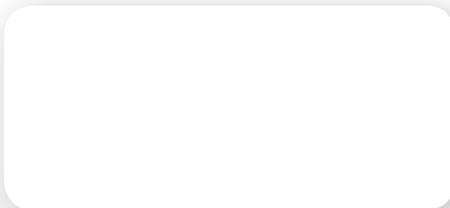
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The company Lindhaus srl reserves its right to make any modifications without any prior notice.

DEALER STAMP



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