



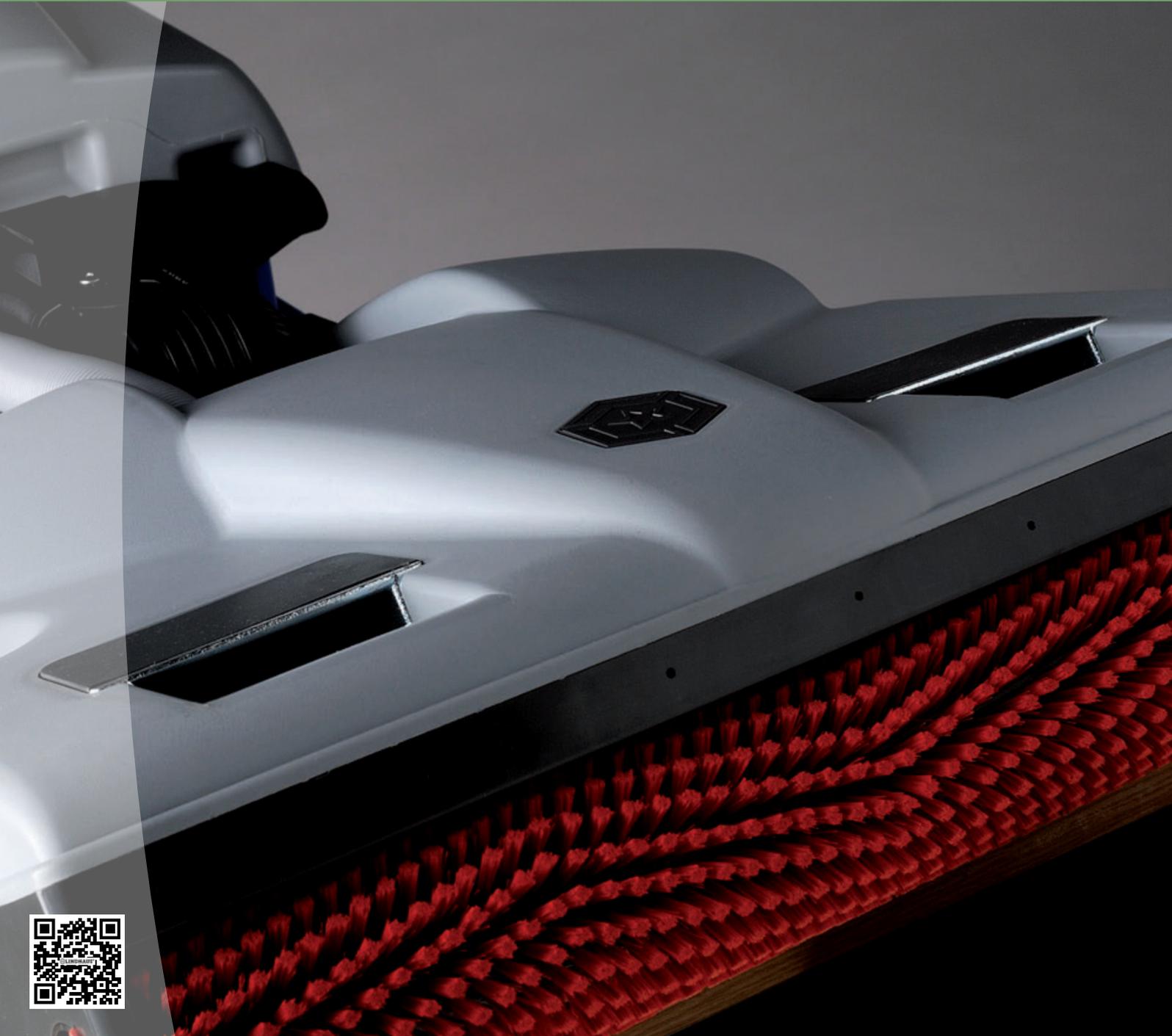
100%
MADE IN ITALY



LINDHAUS®

QUALITY CLEANING EQUIPMENT

PROFESSIONAL LINE



LW46 HYBRID
LW46 ELECTRIC



LW46 Hybrid LW46 Electric

Hybrid scrubber drier for medium and large surfaces

STRENGTHS

- Design, technology and construction 100% made in Italy
- **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: 1500 sqm/h (16150 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



APPLICATION FIELDS

LW46 Hybrid can operate on **any type of hard floor** with spaces from 200 to 2000 sqm (2000 to 20000 sqft). **LW46** is ideal for a wide range of environments: car and motorcycle showrooms, churches and museums, dance schools and sports halls, kindergartens, schools, medical centers and hospitals, airports and railway stations, supermarkets and shopping malls, restaurants and fast food, production activities in general, poolside, sport centers and many others.

MAINTENANCE WITHOUT TOOLS

The easy glide suction nozzle turns in the opposite direction of the machine in order to thoroughly pick up the water. It can be removed **without tools** and the squeegee can be rotate for 4 side use resulting in maximum cost reduction. The machine has one high speed brush roller (1200 RPM) exposed in front for baseboard cleaning. It is **dynamically balanced** and can be replaced in a **few seconds without tools**. The brush pressure is adjustable.

REMOVABLE WATER TANKS MOUNTED ON THE BODY FRAME

The light blue solution tank is equipped with measuring cap. The front recovery tank is equipped with a float system and a motor protection filter. All filters are **antiseptic treated** to eliminate bacteria's, fungi's and dust mites on contact. The body frame is easily **adjustable 160°** for maximum operator manoeuvrability. It allow easy access under tables and low furniture and allows the machine to fold for transport in a vehicle.

ON BOARD BATTERY CHARGER

The machine is **100% Hybrid** and it works with battery or a power supply with a 15 m (50 ft) cord on board. The recharging time after a complete discharge is reduced to **3 hours** instead of the 12 hours of GEL battery. On down time it is possible to recharge the batteries without waiting the complete discharge.

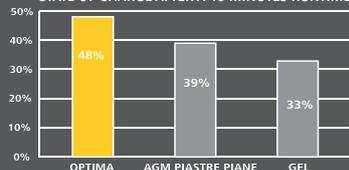


NEW GENERATION BATTERY

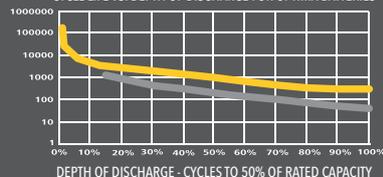
The two cylindrical and sealed AGM batteries are made by Optima U.S.A. This new technology allows a much longer discharge time at the same capacity while maintaining the performance. The recharge time is much quicker. The number of recharging cycles is about double compared to the standard GEL batteries and can be recharged as often as you want even with partial discharge. Capable of vibrations, impacts and temperature variations. Air transport is allowed.



STATE OF CHARGE AFTER A 40 MINUTES RUNTIME



CYCLE LIFE VS. DEPTH OF DISCHARGE FOR OPTIMA BATTERIES



Lindhaus has developed a few effective and completely foam free concentrated detergents: **Neutrolux**: neutral, self polishing and light scented
Actiplus: degreasing detergent
Actistrong: aggressive degreaser



HIGH EFFICIENCY MOTORS

The **high efficiency dual stage vacuum motor 24VCC - 360W** is made by the parent company **Rotafil** located in Padova - Italy. Very efficient while keeping with the highest performance. The permanent magnet brush motor 24VCC - 150W is also manufactured by **Rotafil**. Both those new motors have been specifically developed for this machine. The maximum power consumption is **only 300W** during the recharge and in the use with cord.

ROLLERS

LW46 Hybrid has no limits when it comes to the perfect cleaning of **any hard surfaces** as: marble, wood, ceramic, resin, quartz etc. The brush pressure is adjustable. A large selection of other brushes or abrasive disks are available to handle any type of job from delicate to difficult.





TECHNICAL SPECIFICATIONS	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 (sqf/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 ₂ O (in/H ₂ O)	1250 (49.2)	1800 (71)
Air flow lt./sec. (CFM)	35 (74.1)	40 (84.7)
Battery charger (V/Hz)	100-240/50-60	-
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)	43 (95)
Dimensions mm (in)	505x600x1200 (19.9x23.6x47.2)	



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