



KlinMak[®]

keep clean



Also available
with



HiLo⁸⁰₆₅

COMPACT RIDE-ON SCRUBBER-DRYER

HiLo⁸⁰₆₅

With the introduction of this innovative scrubber-dryer, we have maintained the mobility and manoeuvring characteristics of a walk-behind, with the productivity and yield of a ride-on.

The combination of advantages generates a unique machine that allows it to adapt to all types of applications.



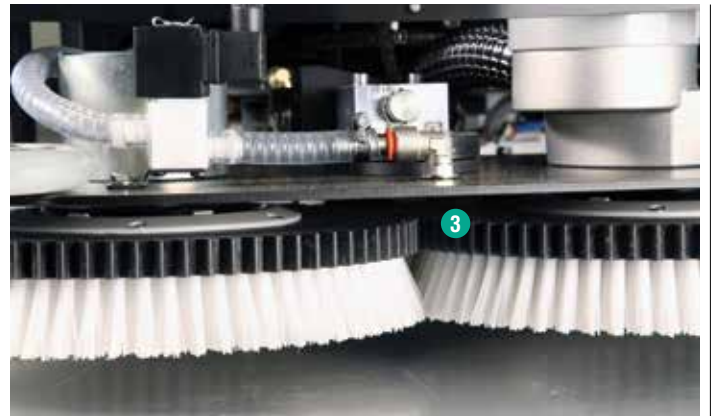
1 Front washing head

- Greatly enhances visibility during work
- Ensures full coverage of the areas in which it works, compared to the versions with head, single or double brush, "belly band".
- Perfectly cleans corners and edges, flush and in tight spaces, avoiding costly manual pick-ups.



2 Wiper in front of the wheels

- Drying in front of the wheels allows, especially in maintenance washing, to constantly drive on a dry surface, preventing slippage or accidental blows on cornering or braking. This innovation greatly increases comfort and the safety standards.



3 Cogbrush (KlinMak patent)

- The use of a double brush ensures a uniform and excellent cleaning on various kinds of surfaces and greatly increases the quality of washing compared to a single brush.
- Cogbrushes allow the use of a single gear motor, simplifying the transmission and reducing the cost.
- Moreover, there is an increase in energy efficiency, benefitting the autonomy of the scrubber-dryer.



4 Heavy washing head with adjustable load (0-41 kg)

HILO8065 are used for deep cleaning with layered dirt, and maintenance. The HILO8065 version is provided with an electric adjustment device of the load from maximum value (41 kg) up to zero. This reduces consumption in case of moderate dirt on rough surfaces.

5 Reduced maintenance

All routine maintenance operations such as cleaning and replacement of the wiper rubbers, cleaning of the clean water filter, replacement of the brushes are quick and simple. Thanks to the wide opening on the upper part, cleaning the recovery tank takes place without effort and loss of time. The standard diagnostic and operating hour counter also facilitate the scheduled and extraordinary maintenance.

Economic choice

HIL08065 have the performance characteristics of a ride-on scrubber-dryer, and purchase and management costs of a walk-behind scrubber-dryer. This allows a great increase in production, halving the operating cost (Euro/m² washed).



6 Electromechanics

Technical solutions with a calibrated use of electronics (for drive only) have been adopted to provide a high level of reliability, giving preference to the traditional electromechanics for the functions: brushes, extraction and head lifting. Standard resettable fuses.



7 Motor/drive unit

When thoroughly cleaning the drive on the rear wheels, ensures a high stability, especially on wet floors.



8 Safety pedal brake

The electric brake, always open with operator on board, only engages when you activate the safety pedal. This allows for minor wear of the electric brake itself and a significant energy recovery during deceleration, benefitting the autonomy of the scrubber-dryer.



9 Reduction of speed on cornering

An automatic device reduces speed on cornering, both forward and in reverse, increasing the safety of the operator in all environments and on all surfaces.

10 "Power steering"

3 wheel turns represent an absolute advantage in driving comfort and in manoeuvrability.

11 Reduction of solution on cornering

An automatic devices reduces the consumption of the solution, where not necessary, avoiding leaks in recovery. This leads to greater autonomy in cleaning.

12 Selection of the operating speed

The operator can adjust the work speed, adapting it to the type of dirty and environment to be cleaned.



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Technical features HiLo8065

Tanks (solution/recovery)	80/80 L
Cleaning lane	650 mm
Theoretical yield	3.900 sq.m/h
Installed power / Power supply /	
Protection degree	1.350 W / 24 V / IPX3
Autonomy	up to 4 h
Energy consumption	0.35 W / sq.m
Dimensions (LexWixH) with mounted wiper	1.320 x 730 x 1225 mm
Weight without batteries / with batteries	125 - 210 kg
Reverse corridor	1.8 m
Sound level	69 dbA

WASHING

Brushes	2 x Ø13" - 330 mm
Brush motor rated power (1)	550 W
Rated / Vacuum brush rotation speed	225 - 187 rpm
Load on brushes <i>adjustable on HIL08065</i>	0-41 kg

EXTRACTION

Silenced turbine rated power	500 W
Vacuum (0 mm orifice)	1.526 mm H ₂ O

TRANSMISSION

Motor/drive power with electric brake	300 W
Work speed	0 - 4 km/h
Transfer speed	0 - 6 km/h
Max. gradeability (work / ramp)	7% - 16 %

WASHING HEAD LIFTING

Gear motor power / ratio	30 W
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BATTERIES

Battery compartment (2x)	375 x 375 x 315 mm
Batteries (2x)	Gel 12V 105/140Ah (C5/C20)
Unit dimensions recommended batteries	345 x 170 x 285 mm
Unit weight recommended batteries	42.7 kg

PACKAGING

Dimensions (including pallet)	1349x749x1364 mm
Weight without batteries (including pallet, cardboard...)	155 kg
Weight with batteries (including pallet, cardboard...)	240 kg
Weight with batteries, battery charger, brushes (including pallet, cardboard, etc..)	246 kg

STANDARDS AND WARRANTY

Machinery Directive	EN60335-2-72: 2013
Low Voltage Directive	2014/35/EC
Electromagnetic Compatibility Directive	2014/30/EC
Warranty	24 months or 800 hours of work

Hilo models

P.N.	Description	Recovery Tank Colour
F.180.0	HIL08065 G	Emerald
F.181.0	HIL08065 N	Black
F.182.0	HIL08065 B	Blue
F.183.0	HIL08065 O	Orange
F.184.0	HIL08065 R	Red
F.185.0	HIL08065 Y	Yellow
F.186.0	HIL08065 LG	Green Lemon
F.187.0	HIL08065 F	Fuchsia
F.188.0	HIL08065 LB	Light Blue
F.189.0	HIL08065 Gr	Grey



Accessories supplied

Washing



Solution flow regulation proportional solenoid valve directly on washing head
 Self-levelling splash guard
 Water filter with integrated valve
 Automatic Detergent Dosing Kit Set-up (KIDO)
 Wiper lip in Serilor® (antioil polyurethane highly resistant and longlife)
 Self-regulation of the solution flow rate on cornering
 Manual lift of independent wiper for underlying work
 Dirty water drain hose with flow adjustment (flow control)
 Solution level indicator
 Water loading hose
 Pressure end adjustment on brushes and LED display for the control from the control panel

Checks and adjustments



Hour meter
 LED blinker
 Diagnostics
 Electric foot brake
 Wiper and washing head electric lifting
 Operator fuses resettable

Comfort driving



"Power steering" (3 wheel turns)
 work speed adjustment from panel
 Self-regulation of the speed on cornering
 Comfort seat with backrest
 Ergonomic steering wheel
 Non-slip accelerator pedal
 High quality and resistance bumpers

Extraction




Stainless steel air filter to protect the suction turbine
 Silenced and longlife three-stage suction turbine

Optional Equipment

P.N.	Accessory	Remark
H.024.0	Parabolic squeegee	Highest drying result on straight tiles
H.038.0	V Shape squeegee	Highest coverage during 360°
H.013.0	KI-DO (Kit detergent dosing system)	Retrofit possible
H.050.0	Kit to double up the water flow	Up to 7 l/min

Accessories on request

Cod.	Accessory	Remark
K.001.0	Backweight 30 kg	Suggested on uneven floors
B.001.0	Battery Gel 12V 105/140 Ah (C5/C20)	Standard
B.013.0	Battery AGM Discover 12V 120/140 Ah (C5/C20)	EV12A-A on request
B.018.0	 Kit Li Ion Batteries (2x) 24V-70Ah + Charger 40A	Up to 6h runtime and 3,5h charging time only
X.024.0	Charger (external) 24V - 13A	

Consumables

P.N.	Consumable	Remark
G.003.1	Front blade curve squeegee	antioil - longlife Serilor
G.004.1	Rear blade curve squeegee	antioil - longlife Serilor
G.017.0	Front blade curve V shape squeegee	antioil - longlife Serilor
G.018.0	Rear blade curve V shape squeegee	antioil - longlife Serilor
D.001.0	Toothed brush white 13" PPL 0,9 mm	not delicate floors (cement, stones..)
D.002.0	Toothed brush blue 13" PPL 0,7 mm	ceramic, marble, etc...
D.011.0	Toothed brush light blue 13" PPL 0,3 mm	delicate floors (lino, etc..)
D.003.0	Toothed brush tinex 13"	for removing heavy dirty
D.004.0	Pad holder 13"	
D.005.0	Nylon Pad Black (3 pcs x 2 boxes)	
D.006.0	Nylon Pad Green (3 pcs x 2 boxes)	
D.007.0	Nylon Pad Red (3 pcs x 2 boxes)	
D.014.0	Melamina Pad 13" (2x)	

Partner

