

I-Lav 65 by  Italian quality

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I-Lav 65

COMPACT RIDE-ON SCRUBBER-DRYER

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 *(patent pending)*

- 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 *(patent pending)*

- 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 (41 kg)

I-LAV 65 are used for deep cleaning with layered dirt, and maintenance. This 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.



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.

Economic choice

I-LAV 65 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).

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

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	1,880 mm
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</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 - 34
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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

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 (only HILO8065)

Extraction



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

Checks and adjustments



Hour meter
LED blinker
Diagnostics
Electric foot brake
Wiper and washing head electric lifting
Operator fuses: fixed on Rido8065 resettable on Hilo8065

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

Accessories on request*

Code	Accessory	Q.ty per mac.
X.024.0	External battery charger with removable cable (*) 24V / 13Ah	1
B.001.0	Gel Battery 12V 105/140Ah (C5/C20)	2
H.013.0	Automatic Detergent Dosing Kit (KIDO)	1
D.001.0	White cogbrush Ø13" - 330 mm 0.9 mm	2
D.002.0	Blue cogbrush Ø13" - 330 mm 0.7 mm	2
D.003.0	Tinex cogbrush Ø13" - 330 mm	2
D.004.0	Toothed pad holder Ø13" - 330 mm	2
I.004.0	Kit pad block on pad holder H=20 mm, green	2

(*) Standard Schuko adapter and connector SB120
On request cable for UK, Usa, India, Israel, Korea, Japan.

Standard models

Code	Description	Colour
F.120.0	RIDO8065 G	Grey - emerald green
F.160.0	HILO8065 G	Black - Emerald green

Partner



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