

HILO Ex 8065, native Atex the safety of explosion hazardous areas in the first place

The HILO EX 8065 is a ride-on floor scrubber-dryer developed specifically for environments with ATEX Zone 2 and Zone 22 explosion risk.

A native ATEX solution without the need for post-production transformations. Designed and built directly by KlinMak, it guarantees safety, reliability and a single source of assistance and spare parts.

Ideal for the pharmaceutical, cosmetic, chemical and food industries.

Zone 2 & 22 - ATEX 3G IIB T3 / 3D IIIC T200°C

With the HILO Ex 8065, KlinMak offers a cutting-edge solution for safe and efficient cleaning in potentially explosive environments.



Technical data

Description	HILO Ex 8065
Code	F.190.0
Total installed power	1350 W
Tank capacity (solution/recovery)	80 / 90 L
Sound pressure level	69 dB(A)
WASHING	
Working width/ squeegee	660 mm / 2x13" - 800 mm
Brush speed	220 rpm
Motor power	550 W
Weight on head	0-41 kg max
Solution capacity	0-3.5 l/min
Hourly yield at 4km/h	2640 sqm/h
SUCTION	
Turbine motor power	500 W
TRACTION	
Motor power	300 W
Work-to-Transfer Feed Rate	4 -6 km/h
Maximum slope (work/transfer)	7 / 16%
Steering radius	1800 mm
POWER SUPPLY - VOLTAGE	
	DC - 24V GEL
Battery	2 x 80 / 93 Ah (C5-C20)
Gel battery charger	13A
Autonomy /recharging times (AGM - Lithium)	2h
WEIGHT AND DIMENSIONS	
Dimensions LxWxH	1400x950x1220 mm
Packaging dimensions	1450x740x1370 mm
Net weight / packed	215 / 245 Kg



Features and benefits of the HILO Ex 8065

Advanced Technology and Maximum Efficiency: Discover the KlinMak Model

AC Brushless motors (unique in the category) for traction, brushes and suction, without the need for maintenance for high performance and reliability over time.

Patented double toothed brush Ø 13" (single motor drives two brushes): ensures uniform and effective cleaning on any surface, guaranteeing superior results compared to single brush models.

V-shaped front squeegee with polyurethane blades to keep the wheels dry, increasing safety and manoeuvrability.

Adjustable feed rate: optimization of movement according to working and transfer conditions.

Adjustable head pressure and solution flow rate: for precise washing control and always optimal results.

Compact design and excellent visibility: thanks to the front head, which offers stability and total control of cleanliness.

Intelligent safety and savings system: automatic reduction of the speed and flow of the solution when cornering, for greater safety and efficient use of resources.

Fluid and intuitive power steering: comfortable driving experience, with a control panel equipped with advanced diagnostics, horn, hour meter and battery indicator.

Anti-trace wheels and self-leveling splash guard: for safe and effective use in any environment.

Advanced sensors: clean solution level indicator, dirty water sensor and water/solution loading hose for constant monitoring.

Optimized energy efficiency: Thanks to the KlinMak patent, a single motor drives both toothed brushes, reducing energy consumption without compromising performance.

Ease of maintenance: Designed for quick access to components, reducing downtime and optimising productivity.

EX certified components, including the battery and the connector to the charger (external).

Accessories on request and consumables

Code	Description	Line
H.014.0	Water loading hose assembly	Machine accessories
X.024.0	24V-13A charger with red SB120 plug	Charger
G.075.0	Front rubber squeegee HILO 8065/8080	Drying lips
G.076.0	Rear rubber squeegee HILO 8065/8080	Drying lips
D.082.0	Toothed brush 13" - Blue 0.7 mm PPL + Brass - ATEX	Brushes/pad holders
D.083.0	Toothed brush 13" - White 0.9 mm PPL + Brass - ATEX	Brushes/pad holders
D.044.0	Toothed brush 13" - Natural bristle	Brushes/pad holders

