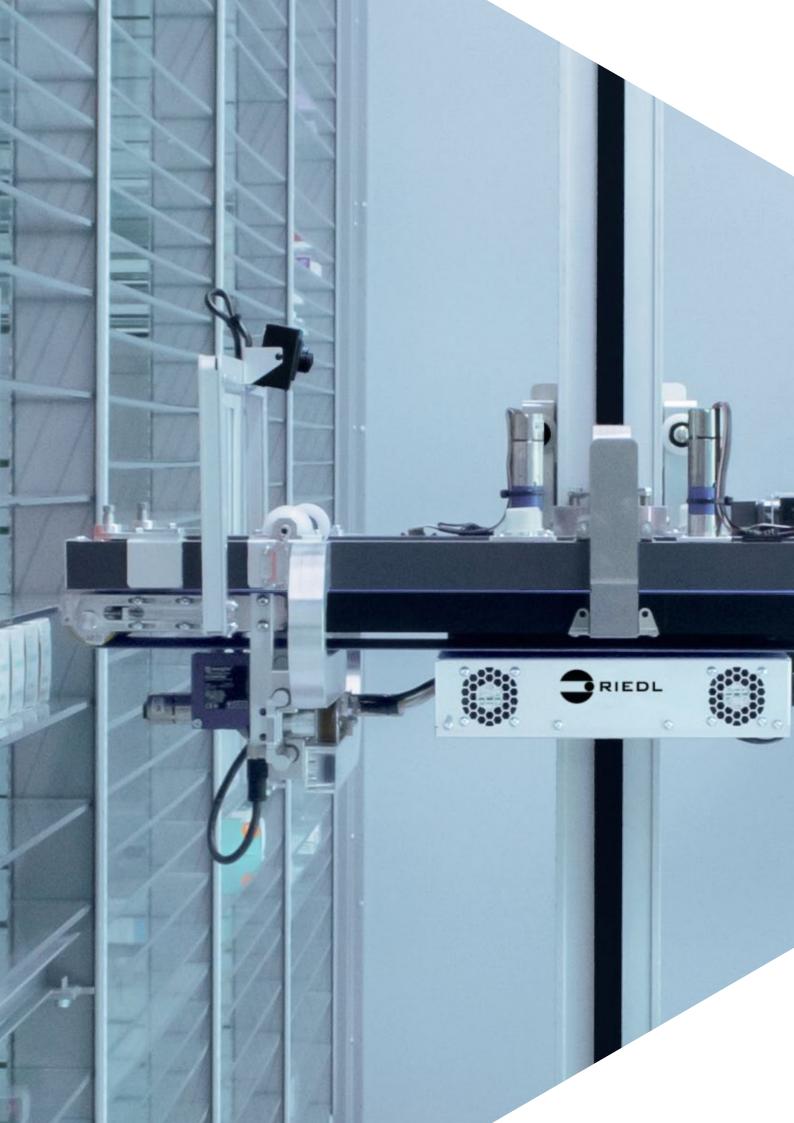


RIEDL Phasys Sophisticated Simplicity in Automation





Wireless.

RIEDL Phasys robotic systems use Wireless technology. The connection between the gripping unit and the rest of the system is through a dedicated Wi-Fi network: the freedom of movement of the robot offers several advantages in terms of higher speed, greater reliability and system flexibility.

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Efficient.

RIEDL Phasys uses less than half a kw/h and does not require changes to the electrical system. This is possible thanks to the low friction between gripping unit and the cabinet power running rails (absence of cables and reduced weight of the gripping unit). The KERS ¹ recovers the braking energy to be reused in acceleration.

 $^{^1\,{\}rm KERS}$ = Kinetic Energy Recovery System







The **RIEDL Phasys** gripping unit moves at an industry leading speed of 5 meters per second. Due to the bidirectional multipicking gripping unit (both in loading and in unloading), the system performs at unrivalled levels of excellence.



Flexible.

Each **RIEDL Phasys** is built according to the needs of the customer: available space (above, below or adjacent to the dispensary), daily throughput, number of counters, required storage and business processes are considered. Customisable colours and glass exterior panels make each **RIEDL Phasys** unique.



Following your pharmacy style

RIEDL Phasys can be enclosed with standard panels or with customisable finishes, to adapt to the style of your pharmacy. The use of glass panels (transparent or smoked) will make your customers appreciate the technological soul of your pharmacy.

It adapts to the space available

The different configuration possibilities of **RIEDL Phasys** enable you to adapt the system to the spaces available in your pharmacy.

An integrated part of the furniture

The use of external shelves that can be applied directly on the load-bearing structure of **RIEDL Phasys**, allows the façade of the system to be transformed into an integrated piece of furniture in your pharmacy.

Delivering the medicine wherever you want, in a few seconds

The number and location of delivery points can be customized. With the optional transport systems, the medicine can reach any place inside your pharmacy at unbeatable speed.

Storing medicines has never been so simple ... and fast

The **RIEDL Phasys** semi-automatic loading system, precise and easy to use, allowing you to load up to 900 packs per hour. For each package it is possible to enter with a single click the expiry date and the lot number, if required.

Safety above all

Access inside the machine is protected by certified safety systems which, in case of opening, instantly stop the movements of the gripper unit.

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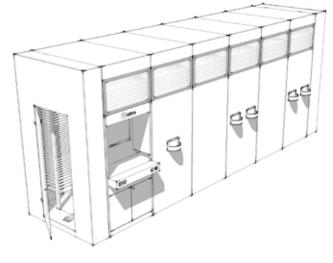
Low electricity consumption

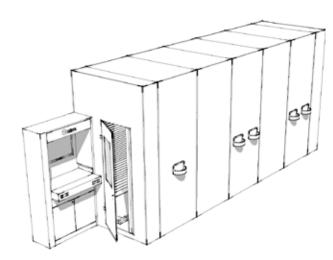
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Due to elimination of cable drag, the low weight of the gripping unit and the integrated KERS minimize the average and peak energy consumption (similar to that of a common household appliance). For this reason **RIEDL Phasys** does not require any adaptation of the electrical system of your pharmacy.

RE

Layout

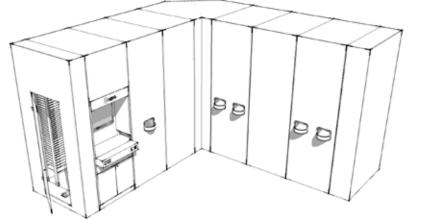


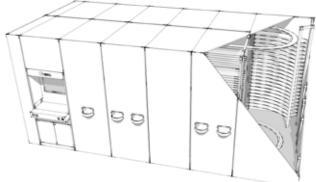


External loading module

Datasheet

Dimensions	Width Height Length	1,606 mm / 63.23 Inch from 2,219 mm/ 87.36 in to 3,519 mm/ 138.54 in (pitch 100 mm/ 3.94 in) from 3,768 mm/ 148.34 in, no maximum limit
Performance	Semi-automatic loading Automatic loading Unloading	≤ 3 sec. per pack 200 pack/hour ~ 10 sec. per movement (up to 8 packs)
Accepted packs	Minimum size Maximum size Minimum diameter Maximum diameter Minimum weight Maximum weight	12 x 10 x 40 mm / 0.47 x 0.39 x 1.57 in 180 x 120 x 300 mm / 7.08 x 4.72 x 11.81 in 40 mm / 1.57 in 180 mm / 7.08 in 5 g / 0.1764 oz 1,200 g / 2 lb 10.33 oz per pack (maximum weight on gripper: 2.500 g / 5 lb 8.185 oz)
Barcode	1D and 2D	
Voltage	100-240V ± 10% 50/60 Hz	
Power consumption	During movement In stand by Emergency mode	0.39 kW/h (excluding internal lighting system) 0.24 kW/h (excluding internal lighting system) 0.19 kW/h
Safety	Dual computer system, UPS, data backup, remote monitoring, rapid replacement of the gripper and automatic alignment of packs on the shelves.	







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