

The very first vacuum lifter of Industry 4.0

piLIFT® SMART



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INDUSTRY 4.0

The piLIFT® SMART is the first vacuum lifter ever that meets the needs of industry 4.0. It brings the latest technology to enable both operator and operation to obtain live information on performance and status. Maintenance will benefit from service indicators that will enable peak operating performance. The weight of the lifted object displayed on the piLIFT® SMART screen can help the operator to distinguish and identify loads as well as quality assure incoming or outgoing products. Via a web based platform usage data can be viewed either live or obtained as defined reports, e.g. total weight and number of units handled.

The piLIFT® SMART is really something else – in every sense. The usability, flexibility and data management capability puts it in a category of its own.

- Less energy consumption by 76%
- Low sound level
- Ergonomic
- User friendly
- Smart

Piab is taking vacuum lifting to a new level

piLIFT® SMART

THE piLIFT® SMART makes use of the same principle of physics as all vacuum lifters, utilizing the same vacuum to both grip and lift. This has the added benefit of an inherent safety feature no other lifting solution provides: if the object cannot be gripped, neither will it lift. The piLIFT® SMART has a capacity of 40 kg (90 lb). Combining the best of vacuum lifting technology with low energy consumption, minimal sound levels and smart data features, the quick and intuitive piLIFT® SMART is truly a leap forward.



SMARTER

The piLIFT® SMART constantly collects data that can be displayed on the built-in display or by logging in to a web platform. Online you access data on the number of lifted units, the weight of the objects, maintenance and service messages and much more. This will help you ensure the wellbeing of the user, streamline your everyday processes and maximize performance.



ERGONOMIC AND USER FRIENDLY

Using lifting equipment greatly lowers the strain on bodies. Every aspect of the piLIFT® SMART is designed with ergonomics in mind; from the shape of the handle, the possibility to grip from the side and rotate the object, to the placement of the variable speed buttons. The piLIFT® SMART senses the movements, responding quickly to user intentions. The interface is intuitive, logical and easy to learn.



LOW ENERGY AND SILENT

In the piLIFT® SMART the system controls the pump and valves, feeding power only when needed. This results in an energy consumption that is 76 percent lower than other comparable vacuum lifters. Vacuum is generated only when the user needs to grip or lift, keeping the air flow minimal at other times. This makes the piLIFT® SMART operate at a mere whisper.

“We’re just seeing the beginning of what the piLIFT® SMART can do!”

David Collins, Vice President and Head of Ergonomic Handling Division

Working load limits (WLL)

The maximum load limit for the piLIFT® SMART in mm and kg [lbs]

Lifter	Article nr	Lift tube mm	Pump type	Pump size	WLL, kg [lbs]
piLIFT® SMART	4103260	100	Electric	802 version	40 [90]