

barbaric safetyKit

The safety innovation for your Barbaric handling system.



Product video

Available as an **OPTIONAL UPGRADE** for any Barbaric Vacuum Lifter!

The SafetyKit vastly increases user safety and adds a wide range of other features to the handling system as well.

The main advantages at a glance:

- > Eco-Mode (Compressed air saving function)
- > Maximum safety for the operator
- > Pressure and vacuum monitoring
- > Weight sensor for load control
- > Automatic test of suction performance
- > Detailed error reports & statistical analysis
- > Service and maintenance reminders



Brand new options for 2020 SafetyKit models:

- > Automatic suction start while approaching the glass
- > Suction cup switch-off and automatic reduction of maximum weight



Product video



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At Barbaric we take safety seriously.

In addition to a lot of innovative new functions and features, we promise the highest possible level of safety with our new Barbaric safetyKit available as an upgrade for any Barbaric vacuum lifter. It is important to us, that that day-to-day working with one of our lifters is as safe as possible.

Pressure and Load Monitoring

With the safetyKit we can measure load, the air pressure at the pressure air intake as well as the low pressure in the suction cups in real-time to maintain perfect function as well as the highest possible standard in regards to safety.



Function and Suction Test

When you start a Barbaric Lifter equipped with a safetyKit the safety lifter automatically prompts the user to execute a safety test. During this safety test, the proper function and condition of all essential gear is being tested and a suction test is performed. Without this mandatory testing procedure, the user cannot operate the lifter, thereby ensuring maximum safety at the operator working place.



Secure Lifting

Is a load being detected while either pressure in the suction cup is not sufficient or even switched off entirely, the lifting function is being disabled to prevent accidents in advance.



Automatic Suction

Through pressure against a flat surface the vacuum is automatically switched on. This prevents lifting of plates only due to self-inflicted vacuum by the suction cups.

Other safety functions include:

- > Acoustic warning signal on the device itself
- > Predictive maintenance warnings (i.e. cup degradation)
- > Critical error messages and infos are being displayed in color
- > Visualisation of vacuum level in RGB color scale
- > At event of sudden power loss: vacuum is switched on and acoustic warning signal is enabled

The innovative upgrade for your handling system.

For any Barbaric vacuum lifter

The safetyKit upgrade is available for any vacuum lifter made by Barbaric. The Upgrade includes:

- > LCD Display with RGB background light
- > Innovative control and sensor hardware
- > Pneumatic sensors for monitoring air pressure levels
- > Compact weighing cell for load monitoring
- > Modern software with barbaric.live integration



Advanced Features



Innovative new features

- > Pressure air saving mode „Eco-Mode“
- > Detailed error messages and statistical analysis
- > Direct programming of the frequency inverters (MODBUS)
- > Gyroscope (accelerometer and inclinometer)
- > Shock sensor for detecting damages to the system



Even simpler handling

- > Automatic suction when lifter is being held against material
- > Simple adjustments of the lifter tilt possible
- > One-finger operation for most common tasks
- > Macro buttons for automatic movements

Modern Software

- > Simple User access control on device
- > Adjustment of individual user rights
- > Bluetooth interface ensures simple and easy adjustments of settings as well as updates in the future
- > Individual functions programmable
- > Flexible I/O interface enables advanced functions
- > Communication and interface to barbaric.live



Interface to barbaric.live

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barbaric safetyKit

The greatest innovations at a glance

Multicolor (RGB)
LCD-Display

Real time weight
mesurement for
load monitoring

Capacitive touch
buttons for simple
user interaction



Monitoring of
vacuum level in
suction cups

Monitoring of
pressure at
air intake

Acoustic
warning signal

Automatic
adjustment of
lifter inclination

Error messages
displayed and
logged

Advanced
automatization
of common tasks
possible

Usual Barbaric
handling ergonomics



Integrated load/
weighing cell

Bluetooth and
WiFi interface
and capabilities

MODBUS-
Interface

Automatic
suctionfunction

Individual
user features
programmable