



BATTERY-POWERED VACUUM LIFTER

- Under-hook vacuum lifter compatible with all fixed and mobile lifting systems.
- In its standard configuration, it lifts loads of up to 400 kg in both horizontal and vertical positions. It can be equipped with higher-performance suction cups and extensions to increase the number of gripping points from 4 to 8 suction cups and lift loads of up to 1,200 kg.
- Interchangeable batteries ensure continuous operation, together with an internal backup battery.
- No external power supply required.
- **Vacuum pump specifically developed for Mivac suction cups, ensuring rapid vacuum generation and secure gripping within just a few moments.**
- **Logic board designed according to Mivac specifications, enabling automatic vacuum regeneration in the event of micro-leaks and ensuring continuous gripping and maximum safety during handling operations.**
- Intuitive controls, compact and ergonomic design.
- Optional dual vacuum circuit for outdoor use and construction-site applications.

MAXIMUM LIFTING CAPACITY
(variable depending on the configuration)

1200

MAXIMUM WEIGHT
(variable depending on the configuration)

48 KG

STANDARD CONFIGURATION AND OPTIONAL EQUIPMENT FOR EVEN GREATER PERFORMANCE

The Duo-Grip vacuum lifter can be configured with extensions, additional suction cups and various accessories to suit different loads and applications, ensuring versatility, safety and efficiency.

Standard configuration

- Lifting capacity: 400 kg
- 4 gripping plates with Ø 350 mm suction cups
- Manual tilting to 0° or 90°, with no adjustment possible in intermediate positions
- 1 rechargeable and interchangeable onboard battery + 1 spare battery and charger
- Adjustable lifting eye
- Width: 1,100 mm
- Single vacuum circuit

Increased lifting capacities and extensions

XG-600 – Lifting capacity upgrade to 600 kg

- Increases the lifting capacity from 400 kg to 600 kg using Ø 400 mm suction cups.

PRO-1-100 – Extension with 100 kg suction cup kit

- By installing four extensions, X-Grip reaches a lifting capacity of up to 800 kg.

PRO-1-150 – Extension with 150 kg suction cup kit

- With four PRO-1-150 extensions, the maximum lifting capacity increases to 1,200 kg. Important: this option must be combined with code XG-600.

PRO-1 – Extension without suction cup

- 700 mm long extension designed to facilitate the handling of longer loads.

Optional controls

DG-COM1 – Standard handle controls

- Vacuum activation and deactivation buttons installed on the handle.

DG-COM2 – Standard handle controls + tilting

- Vacuum activation and deactivation buttons and electric tilting control installed on the handle.

Options designed for the most demanding applications

XG-BE – Electric Tilting from 0° to 90°

- The actuator-operated electric tilting system allows the load to be tilted in a controlled and precise manner, without any manual effort. The movement can be stopped at different angles, making it easier to position the material in the most suitable configuration for each stage of the work.

XG-RM – Manual Rotation with Locking Positions Every 45°

- Mechanical device that allows the gripping plates to rotate to the right and left, with locking positions every 45°.

XG-DPV – Dual Vacuum Pump with Single Vacuum Circuit

- Doubles the suction capacity and is recommended for configurations with eight suction cups or for custom suction cups with high vacuum consumption, such as those equipped with foam seals.

XG-DB – Dual Onboard Battery Pack

- Installation of 2 rechargeable and interchangeable onboard batteries, plus 2 spare batteries and their respective chargers. Recommended option for X-Grip units equipped with electric tilting or a dual vacuum pump.

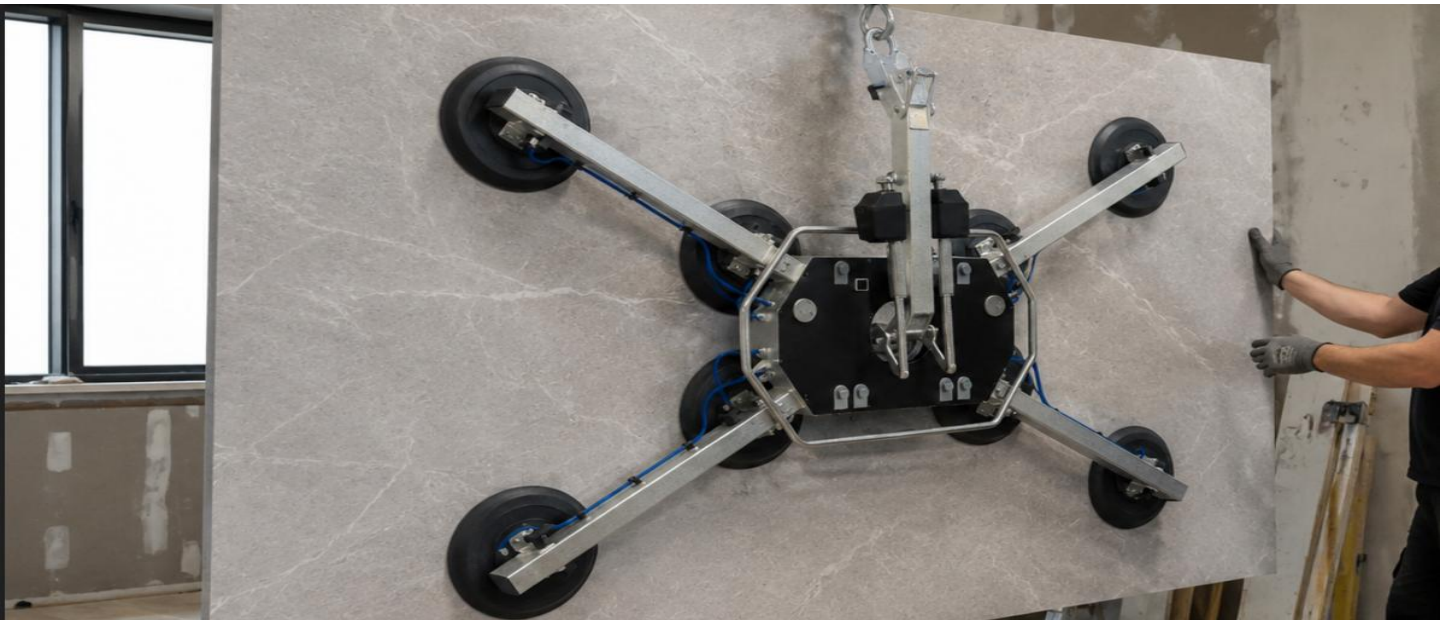
For Outdoor and Construction Site Applications

XG-DCV-13155 – Dual Vacuum Circuit Compliant with EN 13155

- Configuration designed for outdoor and construction-site use, with independent circuits to ensure greater operational safety.

XG-13155-M – Mechanical Retention System Compliant with EN 13155

- Available for applications requiring compliance with EN 13155 or with other specific standards or requirements.

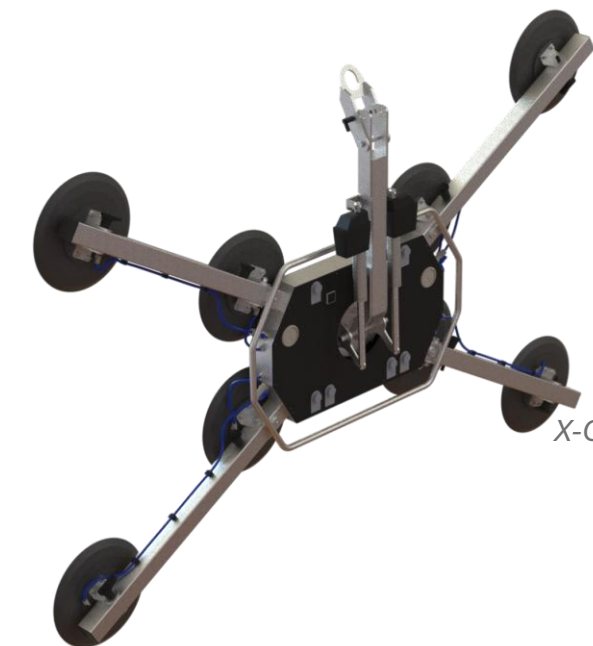


Standard Configuration

The standard version of the X-Grip vacuum lifter is equipped with suction cups suitable for use on smooth, clean and dry surfaces, with a 60% vacuum level.

Versioni su misura e applicazioni speciali

X-Grip can be configured with custom-designed gripping plates and suction cups for specific applications. Customisation may involve both the geometry of the gripping system and the material of the suction cups, allowing the lifter to adapt even to porous, irregular or delicate surfaces. A flexible and highly customisable solution for handling different types of loads safely and efficiently.



One solution. Many jobs.

