



Battery-Powered Vacuum Lifter

- Under-hook vacuum lifter suitable for use with all fixed and mobile lifting systems
- In the standard configuration, it lifts up to 200 kg with the load in both horizontal and vertical positions. It can be equipped with higher-performance suction cups and extensions to increase the gripping points from 2 to 4 suction cups and lift up to 600 kg.
- Interchangeable batteries to ensure continuous operation and internal backup battery
- No external power supply required
- **Vacuum pump specifically manufactured for Mivac suction cups, ensuring vacuum generation and gripping speed in just a few moments**
- **Logic board designed according to Mivac specifications, allowing automatic vacuum regeneration in the event of micro-leaks, ensuring continuous grip and maximum safety during handling operations.**
- Intuitive controls, compact and ergonomic design
- Optional dual vacuum circuit for outdoor use and construction site applications.

MAX. LIFTING CAPACITY
(depending on the configuration)

600 KG

MAXIMUM WEIGHT
(depending on the configuration)

28 KG

STANDARD EQUIPMENT AND OPTIONAL ACCESSORIES FOR EVEN GREATER PERFORMANCE

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

Standard Equipment

- Lifting capacity: 200 kg
- Double gripping plate 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 battery charger
- Adjustable lifting eye
- Suction cups with 3 mounting positions per side – minimum width 880 mm – maximum width 1120mm
- Single vacuum circuit

Increased Lifting Capacities and Extensions

DG-300 – 300 kg Lifting Capacity Upgrade

- Increases the lifting capacity from 200 kg to 300 kg, with Ø 400 mm suction cups.

PRO-1-100 – Extension with 100 kg Suction Cup Kit

- By installing two extensions, Duo-Grip reaches a lifting capacity of up to 400 kg.

PRO-1-150 – Extension with 150 kg Suction Cup Kit

- With two PRO-1-150 extensions, the maximum lifting capacity increases to 600 kg. Important: to be combined with code DG-300.

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/deactivation buttons installed on the handle.

DG-COM2 – Standard Handle Controls + Tilting Function

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

Optional Accessories Designed for the Most Demanding Applications

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

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

DG-RM – Manual Rotation with 45° Locking Positions

- Mechanical device that allows the suction plates to rotate both clockwise and counterclockwise, with locking positions every 45°.

DG-DPV – Dual Vacuum Pump with Single Vacuum Circuit

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

DG-DB – Dual Onboard Battery Pack

- Installation of 2 rechargeable and interchangeable onboard batteries, plus 2 spare batteries and their battery chargers. This option is recommended for Duo-Grip units equipped with electric tilting or a dual vacuum pump.

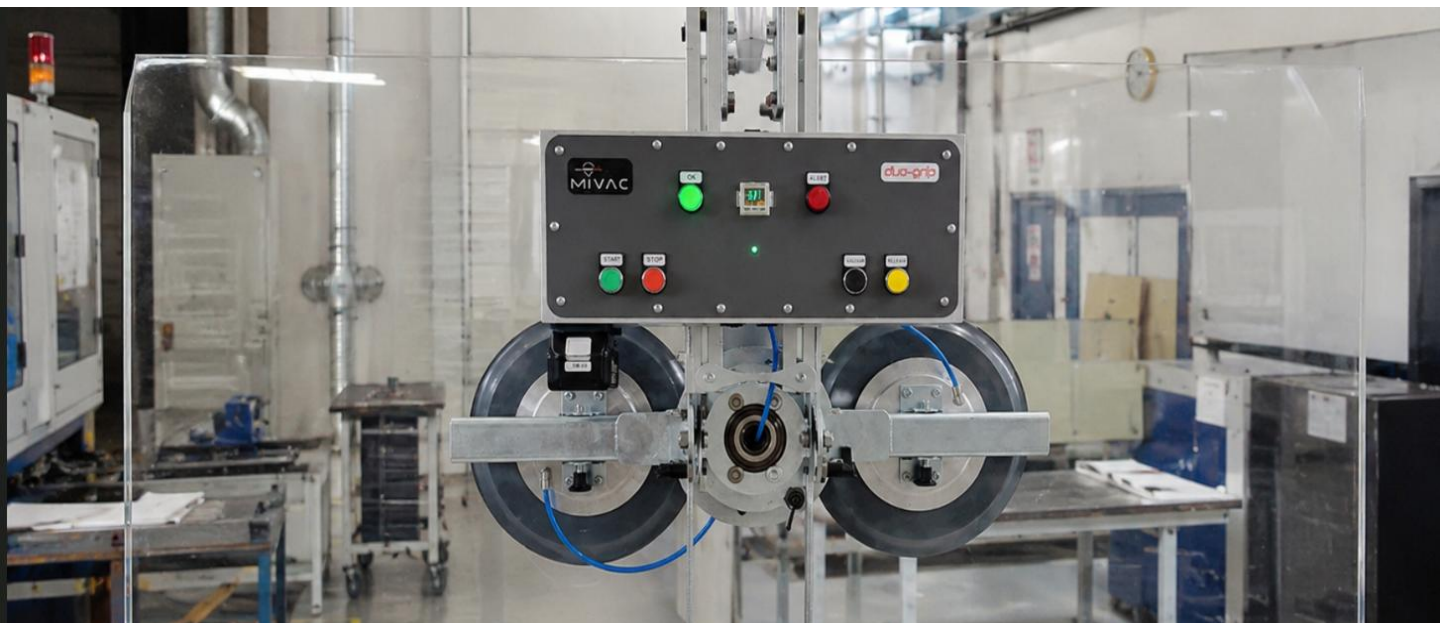
For Outdoor Applications and Construction Sites

DG-DCV – Dual Vacuum Circuit, EN 13155

- Configuration designed for outdoor and construction-site use, with independent vacuum circuits for enhanced operational safety.

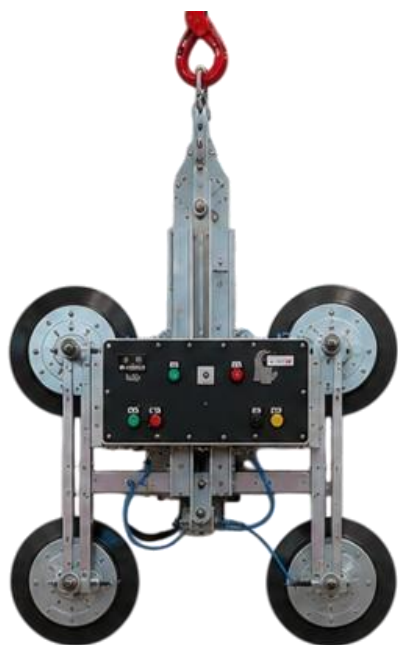
DG-13155-M – Mechanical Retention System, EN 13155

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



Standard Equipment

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



Custom Versions and Special Applications

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

One solution. Many jobs.

