

# Press Release

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## New ELESa Vacuum Suction Cups for automation

ELESa's vacuum components, including vacuum suction cups, vacuum cup holders, and related accessories, offer an optimal solution for the automatic and secure handling of parts with diverse shapes, sizes, and surfaces like metal, glass, plastic, and ceramic.

These components function through a vacuum generator that creates a depression within the vacuum suction cup, allowing it to adhere to the surface of the item to be moved. The grip on the load is sustained so long as the vacuum remains in the system.

ELESa's vacuum suction cups, available in various shapes (classic cup, flat, elliptical, bellows, or multi-bellows) and dimensions ranging from 4 mm to 125 mm, showcase exceptional versatility. They find applications across different sectors, including food packaging (especially in flow pack packaging with plastic films), electronics, paper converting (labels and sheets of paper or cardboard), automotive (handling metal parts or glass windshields), and medical/pharmaceutical. These suction cups are also suitable for handling various objects such as ceramic or clay tiles, marble or glass slabs, items made from concrete, wood, and plastic components.

The vacuum suction cups, available in different compounds (oil-proof rubber, silicone, natural or para-natural rubber) are compatible with all products. Including those with irregular, rough surfaces or in the presence of oil or liquids.

The presence of grooves and the contoured shape of the vacuum suction cup support surface ensures a strong grip with the load surface. Particularly on oiled sheets, glass, or marble sheets, facilitating the drainage of any liquids.

*ELESa Vacuum Suction Cups*



## Press Box

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**elesa®**

The vacuum cup holders allow the vacuum suction cups to be fixed to the automation device gripper and are made up of:

- A brass or stainless-steel threaded stem
- A spring (external or built-in) to cushion the impact of the vacuum suction cup while maintaining a constant pressure with the load to be lifted
- A quick fitting, for connection to the suction hose.

They are available in different configurations, sizes (mini and micro) as well as different materials, allowing them to be used in all industrial sectors.



ELESA Vacuum Cup Holders

1941 – 2023

*Serving the industry for 80 years,*

*Elesa specializes in designing and manufacturing an extensive range of standard components for industrial machinery and equipment. Our lineup includes handwheels, clamping handles, levers, adjustable levers, clamping elements, knobs, position indicators, indexing and spring plungers, leveling feet, hinges, tube connectors, latches, accessories for hydraulic systems, modular roller tracks, castors, wheels, magnets, vibration mounts, and vacuum components.*

*Crafted with cutting-edge technopolymers and metals, our products boast advanced features, high efficiency, reliability, ergonomic design, and innovation. Elesa brand components find applications across diverse areas within the industrial mechanics sector. Our unwavering commitment to research and development is complemented by a robust customer-centric service model.*

*Established in 1941 with headquarters in Monza and fourteen subsidiaries abroad, Elesa has a global presence, exporting products to over 60 countries worldwide.*

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