

Ergo-Glass with Tilt (EGT)

EGT: Ergo-Glass with Tilt; Lifting capacity: 50-215 Kg

The Ergo-Glass end effector that, when integrated in Quick-Lift System®, meets the highest standards of ergonomics, working environment, safety and efficiency.

Easy to use, thanks to outstanding responsiveness, regardless of load weight. High cost efficiency through built in energy save function, high reliability and long durability.

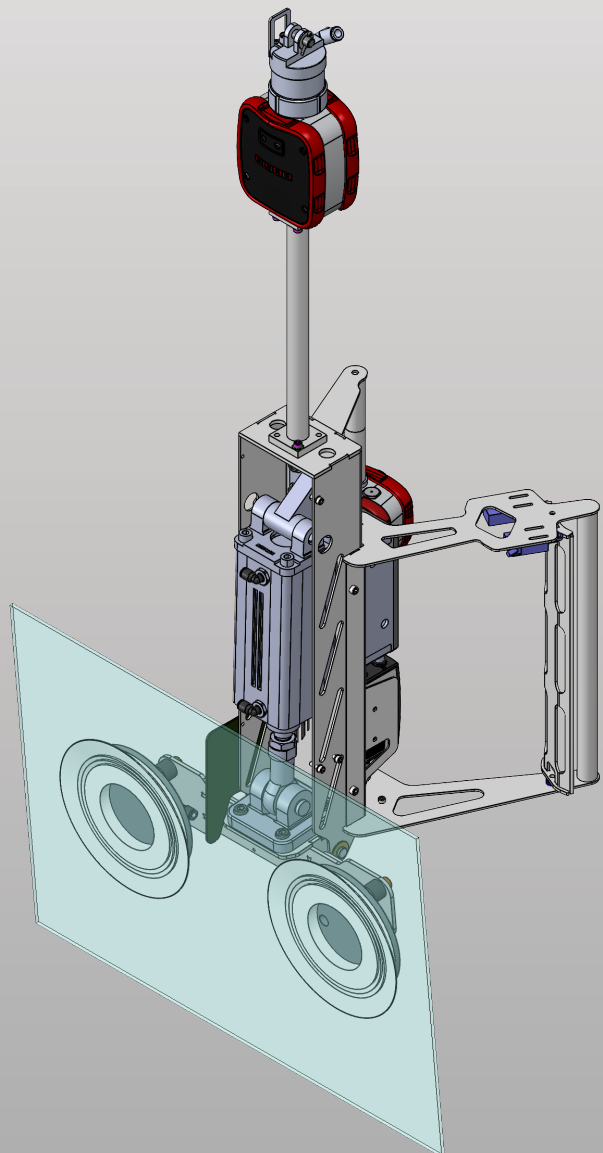
The sensitive manoeuvre handle provides the operator a precise and controlled movement of the glass panel.

Equipped with stepless tiltable movement of the suction cups.

Modular design of the vacuum suction interface creates unlimited possibilities for customized solutions.

Maximum security due to a combination of sound and visual alarms activated in case of pressure drop or lack of vacuum.

With integrated “anti-drop” and energy saving as standard this end effector provides a first class solution.



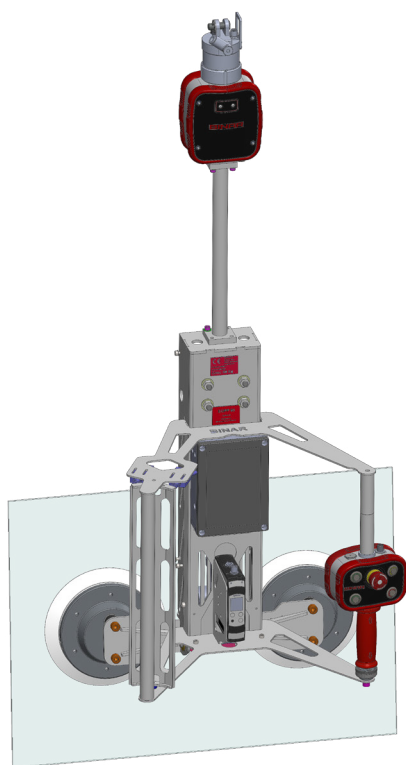
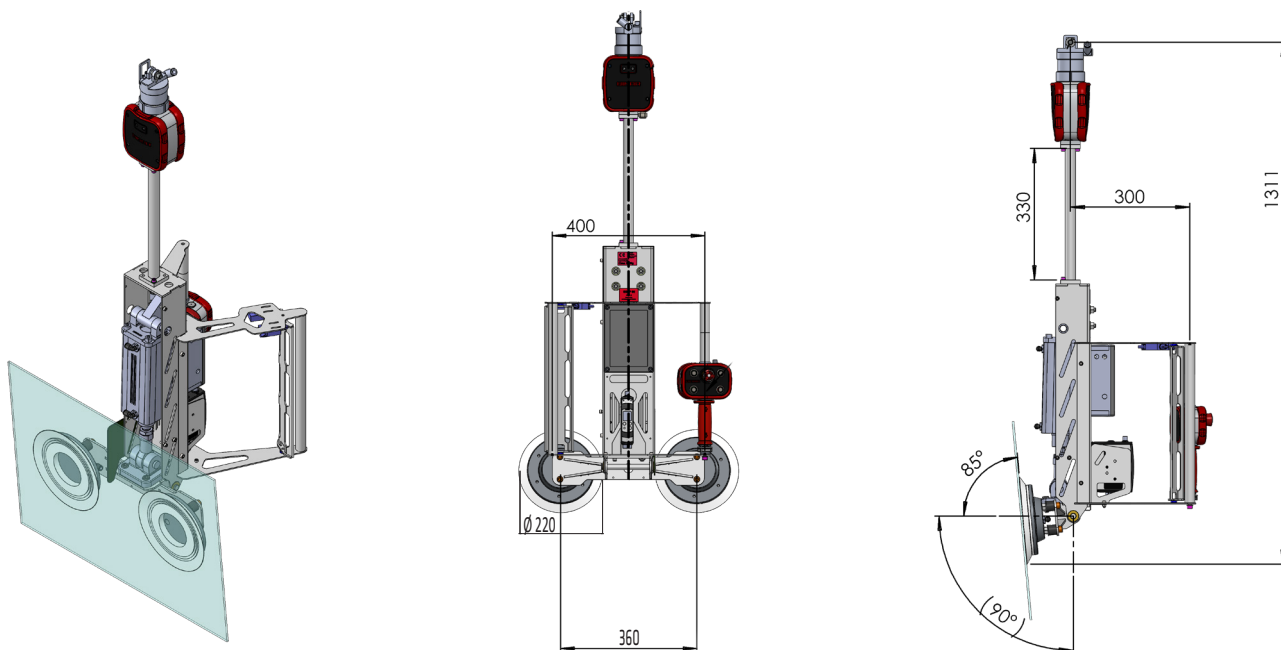
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The figures are to be seen as indications and may vary depending on handling application.



TECHNICAL DATA

Description	Equiped with one or more fixed suction cups.
	The control handle provides a logic and simple interface for the operator for up and down movement as well push buttons for grip and release of the glass panels.
	The control box at the top provides setting of adjustable speed depending of the application.
	Pneumatic tilt of glass panels.
	Pneumatic controlled centre of gravity (COG).
Lifting capacity	Main direction of suction cups is to be defined. Degree of rotation is 0-90°.
	Glass panels : 50-215 kg depending on configuration of the suction cups.
	End effector weight somewhere between 30-100 kg, depending on end effector's size and lifting capacity.
End effector weight	Clean dry air, pressure 6-8 bar.
Air supply	Suction cups with a safety factor of 4.
	Both audio (buzzer) and visual (red lamp) indication when insufficient vacuum.
	Up movement is automatically restricted when too low vacuum is detected.
	Load is continuously supervised by the Quick-Lift and can only be released once end effector is landed on surface.
Safety	Additional pneumatic cylinder built in for inclination (approx 10°).
	Vacuum tank (in case of insufficient vacuum).
Options	Manoeuvring is done with Binar Handlings patented control handle. Only a small force is needed to engage the up/down motion. When the operator let go of the handle, the up/down motion is immediately stopped.
Manoeuvring	End effectors are designed to fit customers need. Intelligent I/O signals are available for optimum functionality.
End effector	

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