

Kenos[®] KVG60C

Online configured gripper solution to fit your demand for loading and unloading boxes with multiple items



Vacuum gripper Kenos[®] KVG60C (C - Suction cups) is available to configure online for an instant solution to pick and place (loading/unloading) multiple items in boxes. Picked items shall be placed with a defined distance between each other.

The Kenos[®] KVG60C gripper comes with high performance and energy efficient COAX[®] vacuum generators and a selection of over 1000 different suction cups from PIAB's broad program to perfectly suit virtually any objects and pick with a safe grip.

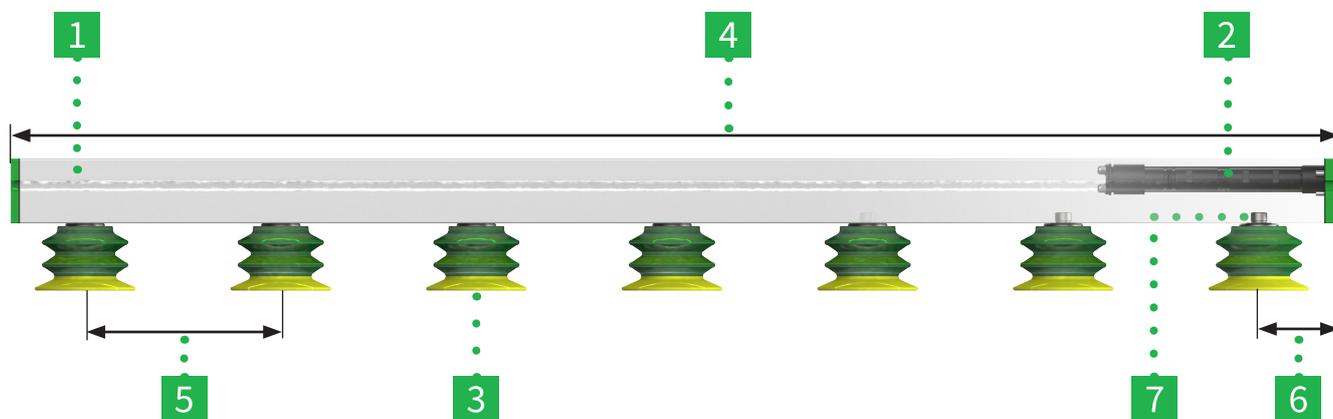
In the configurator tool you will select a flow-control valve technology allowing to pick different number of items/objects per cycle.

As a machine builder or integrator you will instantly have access to download 3D CAD files, technical data and pricing. The 3D CAD files are of high quality allowing you to use them for simulations (digital twins) in an early stage.



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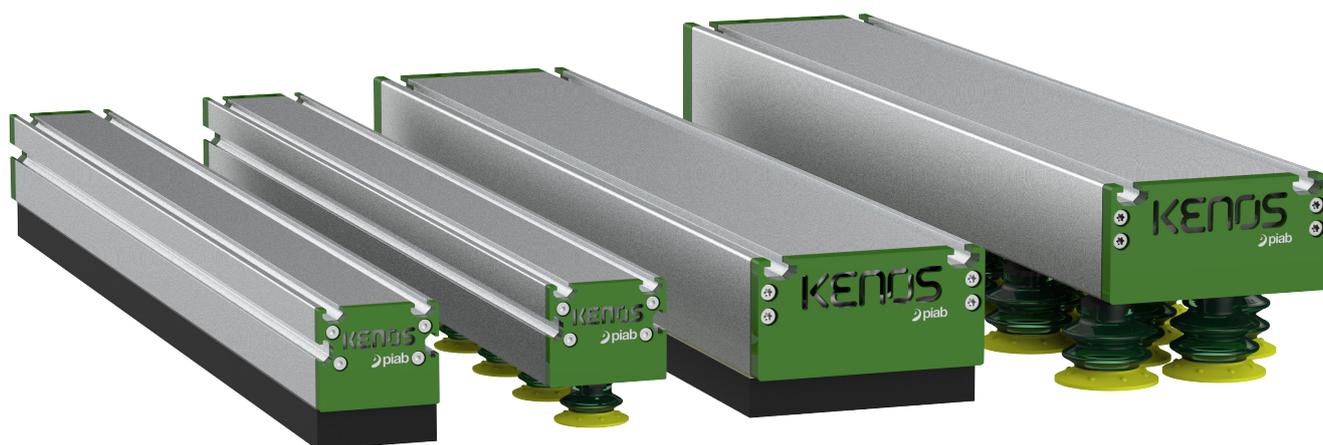
A smooth and easy process to configure a complete loading/unloading vacuum gripper and meet your design and dimension requirements.



Inside a rigid, slim and lightweight, 60mm **KVG60C** profile (1), Piab's dust tolerant COAX[®] vacuum generators (2) secure a high and energy-efficient vacuum flow to several suction cups (3). The total length (including end gables) of the profile (4), number of cups (3), type of suction cup, distances between the centre of cups (5) as well as the distance from end-gable to the first suction cup (6) is easily selected in the online configurator. Depending on the size of the cup, the total length and the number of cups the

configurator will prohibit mistakes to be made. A flow control valve (7) shall be selected for each cup to allow some suction cups to not pick and create a fully flexible gripper.

For sealed objects/items the recommended options are restrictors and for leaking items, a rubber-flap-sense check valve is recommended. The suction cups can be equipped with flow restrictors or rubber-flap-sense check valves or be built-in in the aluminium profile, depending on the purpose.



KVG family

The full KVG (Kenos[®] Vacuum Gripper) family consists of KVG120 (120mm width) and KVG60 (60mm width) with multiple options to use technical foams or suction cups. The KVG grippers come with integrated vacuum generators or port(s) to external vacuum source. The KVG grippers are fully flexible automation grippers and include sophisticated flow-control technologies.

The KVG family is a suitable and flexible solution for automated box palletizing, depalletizing and as well as product loading and unloading applications in several different industries.

Standard KVG grippers can be configured online, at www.piab.com, with instant access to drawings and technical data.

For custom special, please contact your local Piab representative.