

piCOBOT[®]L

Lifting more with less





Go to the limits

Get the maximum out of your cobot or small industrial robot. Saving on robot or cobot investment is a crucial factor to return on investment. piCOBOT®L allows you to make use of the full capacity of your equipment for anything up to 35 lb.

Serviceability is key to keep your system running and reduce downtime for maintenance. The design of the unit allows easy access of parts for e.g. cleaning. Accordingly, the ejector cartridges can be extracted in portions and the vacuum stages cleaned where needed.



“With the new piCOBOT®L, we explicitly want to support users working with small robots, in addition to those using cobots.”

Madeleine Sheikh, Global Product Manager Ejectors, Piab

Whatever you want to lift - air permeable cartons or leakage free metal sheets, the hard- and software of the pump unit can be configured exactly to the requirements of your application. With the right vacuum flow, piCOBOT®L enables fast movement for high productivity in packaging and palletizing, part assembly or machine tending.

High flexibility to meet your needs. Choose the gripping unit for your application: a Kenos® foam gripper that allows handling parts of various sizes or materials, a Piab standard gripper, a solution developed for you by our Custom-Line team or a gripper you developed inhouse - the choice is yours!



Visit our product page:
go.piab.com/picobot-large

Benefits

- 1 Powerful**
Can be equipped with up to 4 COAX® SX42 ejectors for high speed applications.
- 2 Lifting more with less**
Allows to move bigger and heavier items thanks to a building height of just under 5 inches and a payload of 35 lb.
- 3 Safe for collaboration**
Designed with round edges for direct human-robot interaction.
- 4 Increased uptime**
Minimal maintenance and cleaning requirements thanks to easy access to relevant parts and dust protection filters.
- 5 Even for harsh environments**
Its robust and IP 65 compliant pump body facilitates deployment in rough, damp or spray prone areas.

Optional add-ons

Automatic tool changer

Allows fast automatic exchange of grippers for different applications.

Docking station

Keeps the relevant grippers in close reach. The automatic un-/locking lever on the adapter plate supports the quick and easy change of grippers.

UR certified version

Easy operation of the automatic tool changer via the teaching pendant as it is part of the UR cap.