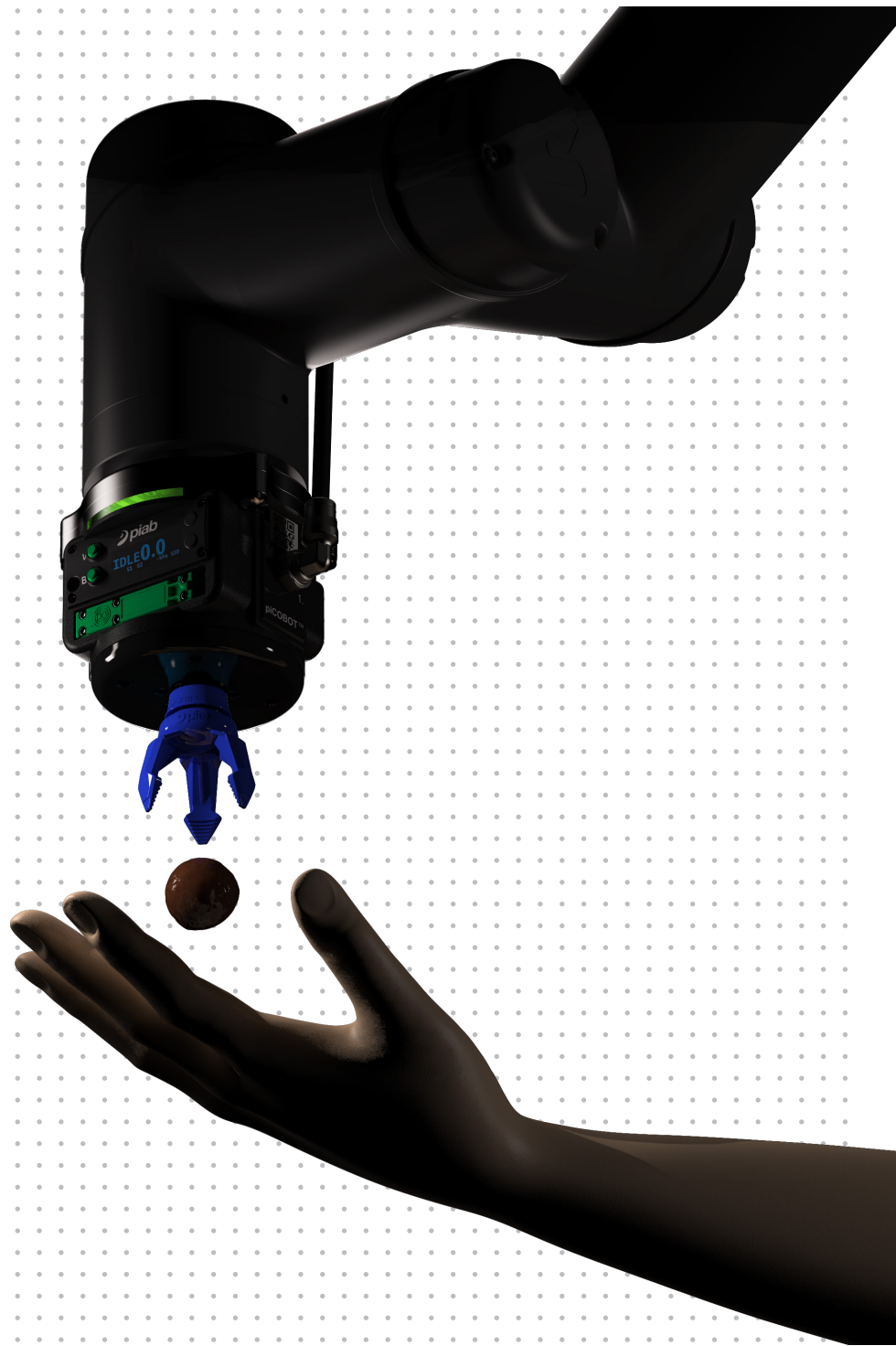


piSOFTGRIP®

30-3



Smart solutions for the automated world™





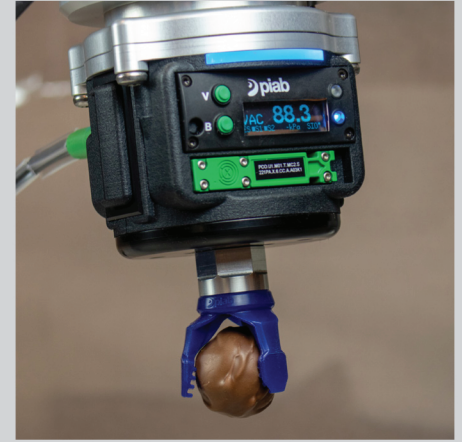
Food approved

Made in detectable silicone approved for direct contact with food (in accordance with FDA 21 CFR and EU 1935/2004 regulations), the piSOFTGRIP® vacuum gripper is the first of its kind. The food-compliant silicone gripper enables the food industry to extend their automated food handling to include a wider range of products. Delicate food items can be handled without risk of being spoiled due to crushing. Wash-down fitting options as well as sealed vacuum cavity make it easy to clean and keep functioning in challenging environments.



Easy to use, control and clean

The soft gripping vacuum tool is as easy to control and install as a suction cup. You can also easily use it in multimode applications, putting several piSOFTGRIP® in rows or other grid structures, supporting the picks you want to make. It uses the same fittings as Piab's piGRIP® suction cups. An optional stainless-steel fitting offers wash-down provision to assist cleaning. It's intuitive and user-friendly design makes piSOFTGRIP® easy to integrate into automated procedures, where it can help to secure the quality of products and increase overall productivity.



Great gripping solution for sensitive objects

The piSOFTGRIP® is an excellent and cost-effective solution for sensitive and difficult to grip objects. The gripping force can easily be controlled by simply adjusting the vacuum level. The soft gripper can grip objects with a diameter of up to 30mm [1.18"].

Overview

Piab is proud to introduce the new soft gripping tool piSOFTGRIP®, developed especially with food industry automation in mind. The vacuum-based soft gripper will grip sensitive and lightweight objects of odd geometries and/or an unusual surface.

and a vacuum cavity, all made in one piece, resulting in a simple and robust product. As it is vacuum-driven, the gripping force is easily adjusted and controlled by the applied vacuum level.

piSOFTGRIP® has three gripping fingers

Description	Unit	Value
Building height	mm / [inch]	45 / [1.77] (with G3/8" male fitting)
Outer diameter	mm / [inch]	38,5 / [1.51]
Weight of gripper	g / [oz]	5 / [0.17] (without fitting)
Temperature range	C° / [F°]	-20-100 / [-4-212]
Recommended vacuum level	-kPa / [-inHg]	35-90 / [10.3-26.57]
Recommended object size	mm / [inch]	10-30 / [0.39-1.18]

Additional products in the same family.
piSOFTGRIP 50-3, recommended object size 50mm
More models will be introduced at a later stage.

Features

- 1 Vacuum driven soft gripper with simple and robust design
- 2 Cost effective solution for sensitive and difficult objects
- 3 Intuitive and user-friendly design
- 4 As easy to control and install as a suction cup
- 5 Material is food compliant and detectable
- 6 The sealed vacuum cavity makes it dust resistant



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