

VGP20

Release notes



Introduction

The new VGP20 is a 20 kg payload vacuum gripper that positions itself as the most powerful all-electric vacuum gripper on the market, ideal for palletizing applications and capable of handling even porous cardboard boxes up to 10 kg.

Items

Devices

Item no.	Description	Sales price (€)	Available from
107242	VGP20	2.788	Feb. 25 th 2021

Top sales item numbers available for all supported robot brands with most common configurations

Spare parts

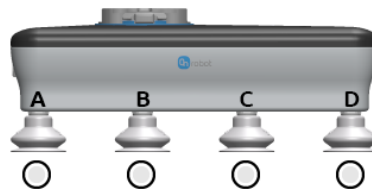
The listed spare parts for VG10 are compatible with VGP20

Item no.	Description	Sales price (€)	Available from
100064	VG10 Filter Kit	105	Already available
100296	VG10 Suction Cup kit, 10 x Ø40	30	Already available
10297	VG10 Suction Cup kit, 10 x Ø15	30	Already available
10298	VG10 Suction Cup kit, 10 x Ø30	30	Already available
105086	VG Alu Suction cup fitting G1/8, 5 pcs	30	Already available
106964	Suction Cups for foil and bags Ø25	99	Already available

Functionalities

Hardware

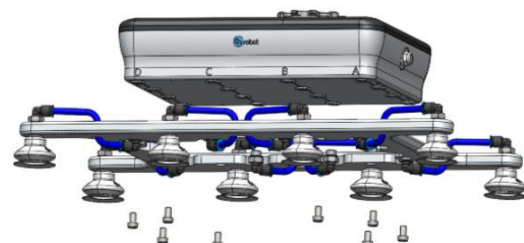
- Up to 16 suction cups grouped into 4 independently controlled channels for great flexibility in gripping



- Strong vacuum gripper that is easy to be deployed without external air supply and handles even demanding payload requirements up to 20 kg, for porous cardboard boxes up to 10 kg



- Exchangeable suction cups and easy customization to adapt to any special use cases



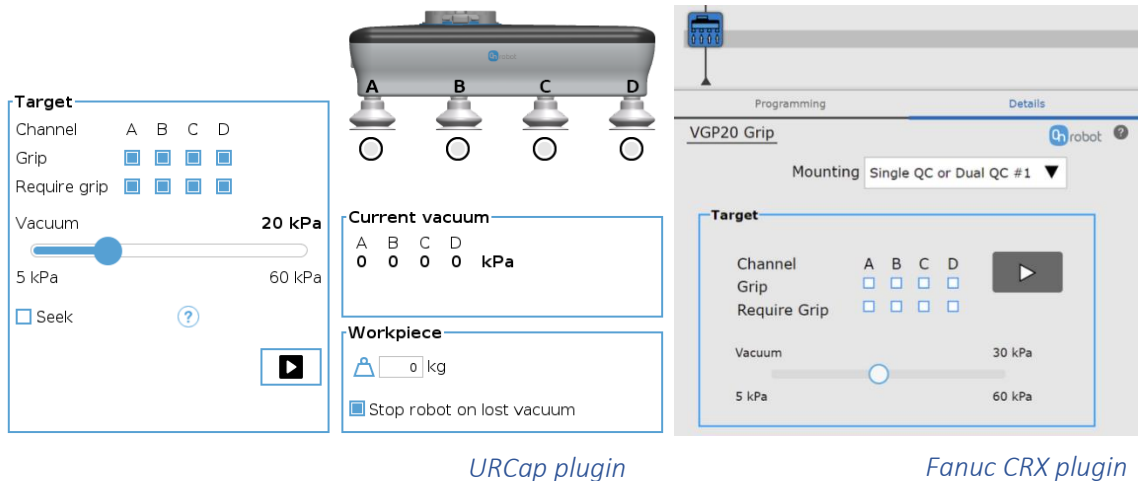
- Works well in industrial environments



Software

Easy-to-use plugins to the robot UI available for a wide range of cobots:

- *Universal Robots*
- *Techman*
- *Omron TM*
- *Hanwha*
- *Kassow*
- *Fanuc CRX*



Robot scripts available for all other supported robot brands.

Software requirements:

- Compute Box / Eye Box version: 5.6.0
- Universal Robots URCap version: 5.6.0
- Techman TMFlow Component version: 1.6.0
- OMRON TM TMFlow Component version: 1.6.0
- Hanwha Rodi X plugin version: 5.6.0
- KUKA installer version: 5.6.0
- Kassow CBUN version: 5.6.0
- FANUC CRX Plugin version: 1.0.0
- EPSON v5.6.0
- Scripts version: 1.6.0 (ABB, Denso, FANUC, Kawasaki, KUKA, Nachi, Yaskawa)

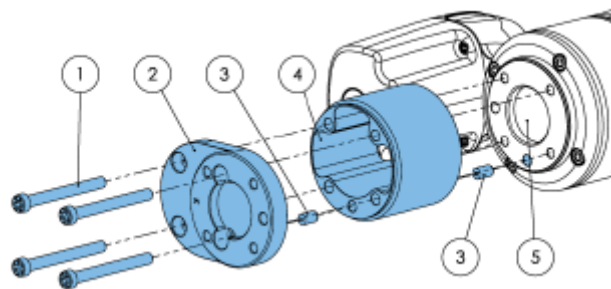
Robot compatibility

VGP20 works on all supported robot brands via Compute Box. Tool connectivity not possible due to limited power availability in robot tool connections.

	UR e-Series	UR CB3	ABB	Denso	Doosan	Epson	Fanuc	Hanwha	Kassow	Kawasaki	Kuka	Nachi	Omron TM	Techman	Yaskawa
Tool conn.															
Compute Box	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	✓

* *Special note for Techman and Omron TM users:*

An **Adapter K** plate and **Extender flange** is required for mounting VGP20 to compensate for the robot's built-in camera:

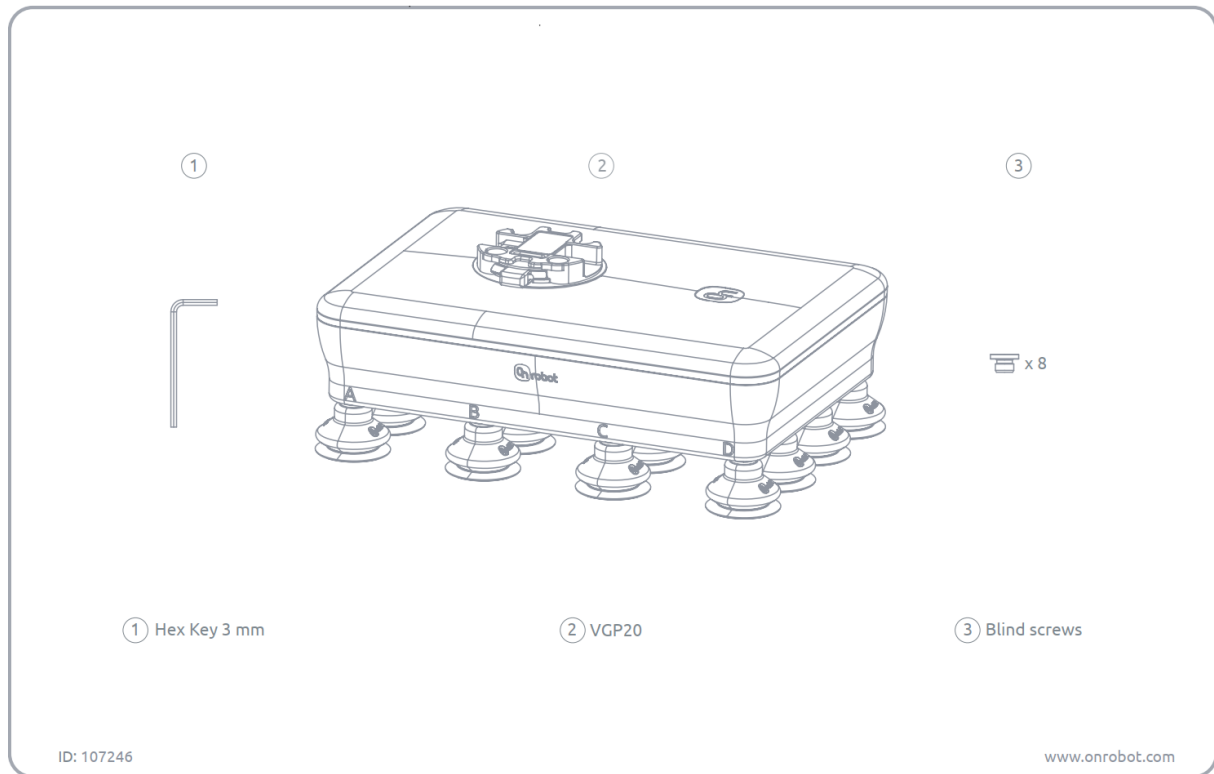


When ordering a VGP20 for Techman or Omron TM, the **Adapter K** plate (2) and **Extender flange** (4) will automatically be added to the Techman Robot Kit and Omron TM Robot Kit before shipment.

Robot device compatibility

Detailed overview of supported functionalities on each robot brand, will be available in [Robot device compatibility](#) section on Partner Portal

Package content



Pricelist

Updated pricelist can be found [here](#).

Pricelist available on Sharepoint from February 24th after release webinar.

Value propositions

- Industry's most powerful electric vacuum gripper saves up to 90% on operating and maintenance costs over pneumatic vacuum grippers.
- Highly versatile gripper with unlimited customization possibilities fits any application.
- Built-in intelligence and multichannel functionality ensure failsafe, flexible operation.
- Complete out-of-the-box vacuum gripper offers fast, easy deployment with any leading robot.
- Powerful, flexible gripper is ideal for porous and non-porous surfaces.

Marketing materials

Content is placed on the Partner Portal and will be available Wednesday morning APAC time

- [3D video](#)
- [Product pictures](#)
- [Product pictures on different robot brands](#)
- [Brochure](#)

- [Rollups](#)
- [Sales presentation](#)