Benefit from purchasing the complete Starter Kit!

Order the complete starter kit for fast and convenient installation of the SCHUNK Co-act gripper EGH. It includes all required components for plug and play mounting of the gripper to a cobot.

The starter kit includes:

- **Flexible SCHUNK Co-act gripper EGH**
  for cobots
- **Attachment fingers**
  Rigid or flexible
- **Finger inserts**
  Soft or firm
- **USB stick**
  with plugin for Universal Robots

- **Tool**
  Allen key
- **Velcro tapes**
  for fastening the cables
- **ISO flange**
  for mounting the gripper at the ISO interface
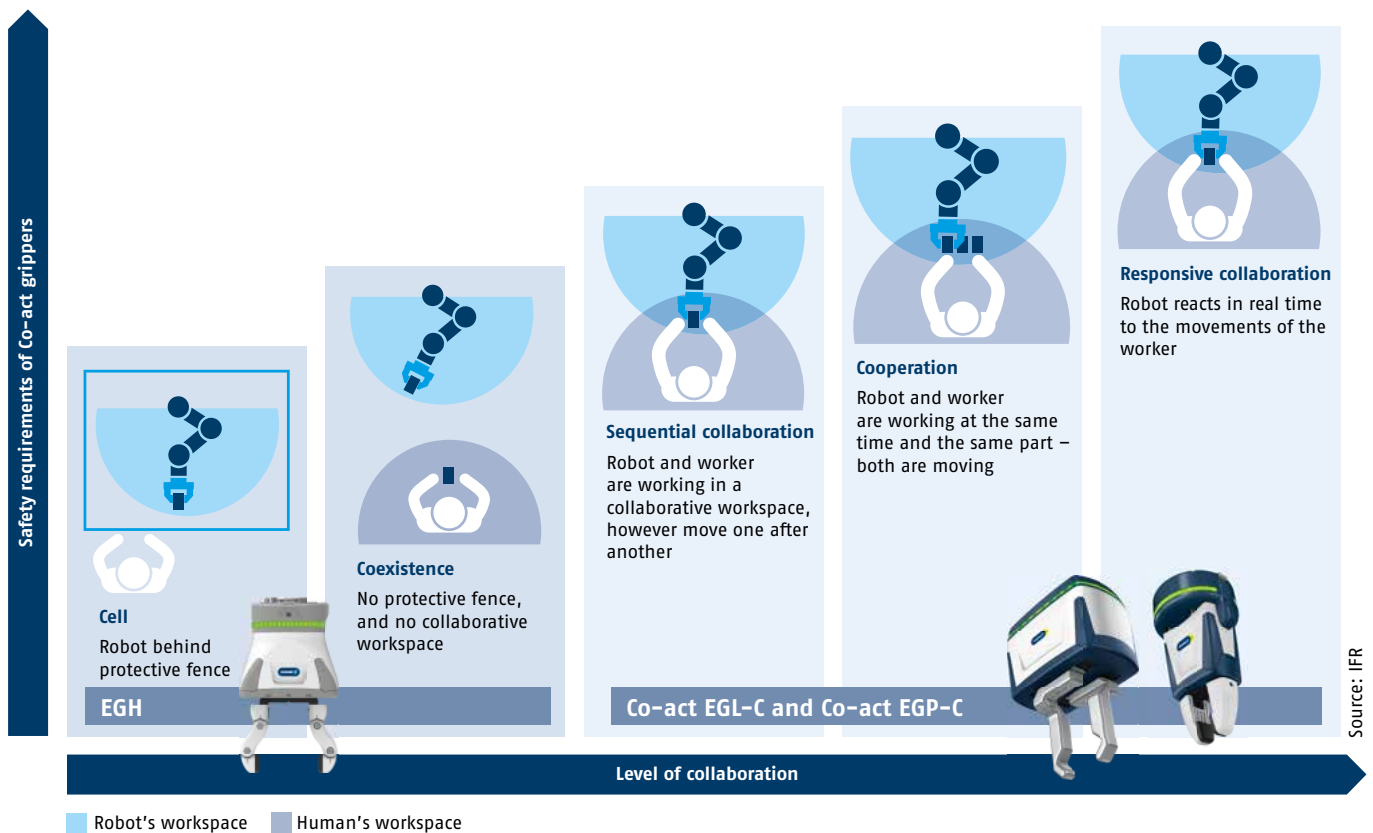- **IO-Link master**
  with connection cable

The URCap Plugin enables the Co-act gripper EGH to be easy and quickly programmed. All the gripping functions can be controlled via the control pendant.

SCHUNK®

SCHUNK Co-act Grippers – Always the right Choice for your Cobot Application

The SCHUNK Co-act grippers are especially designed for applications with cobots. However, the Co-act gripper EGH is designed for applications where no direct interaction between humans and robots is required. Safety is still ensured by various protective devices. The Co-act gripper EGH facilitates the initial break into automation, due to its great flexibility and simplicity.

For applications in which cobots directly collaborate with humans, the certified SCHUNK Co-act EGP-C and Co-act EGL-C grippers are available. The reliable safety features that these grippers can be used in the field of human-robot collaboration. Select the suitable Co-act gripper for your application.

Types of Collaboration with Cobots

Safety requirements of Co-act grippers (vertical axis)

Cell
Robot behind protective fence

EGH

Coexistence
No protective fence, and no collaborative workspace

Sequential collaboration
Robot and worker are working in a collaborative workspace, however move one after another

Cooperation
Robot and worker are working at the same time and the same part – both are moving

Responsive collaboration
Robot reacts in real time to the movements of the worker

Co-act EGL-C and Co-act EGP-C

Level of collaboration

Source: IFR

☐ Robot's workspace ☐ Human's workspace

Jens Lehmann,
German goalkeeper legend,
SCHUNK brand ambassador
since 2012 for safe, precise
gripping and holding.
schunk.com/lehmann

Quality Management
DQP
ISO 9001:2015
Reg. No. 003496 QM15

142074.3-11/2019   © 2019 SCHUNK GmbH & Co. KG
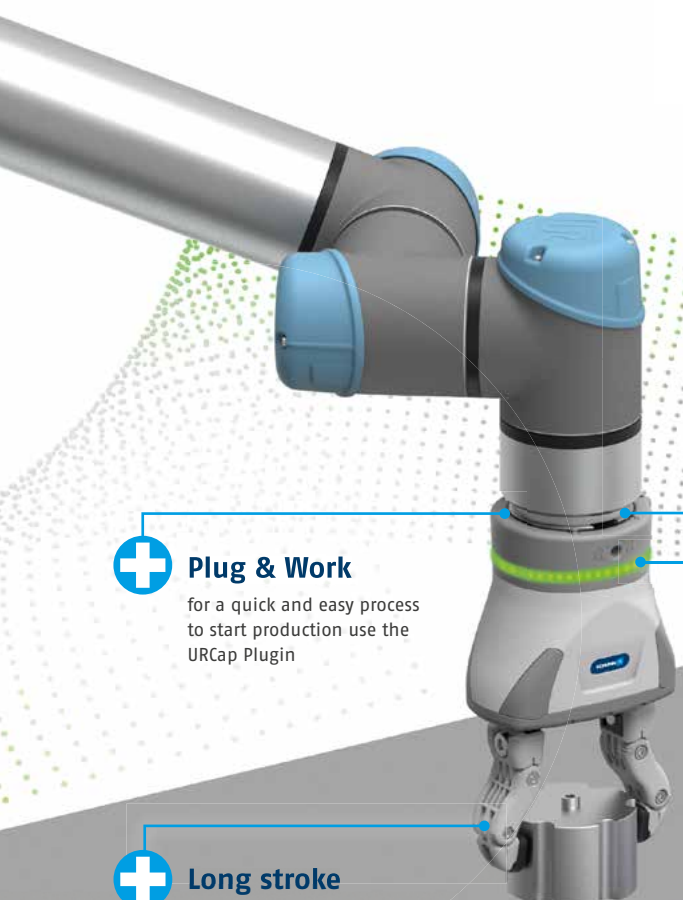
Co-act EGH
Gripper

SCHUNK

SCHUNK ®

SCHUNK Co-act Gripper EGH

The easily adjustable, flexible Gripper
for Cobots

The new SCHUNK Co-act Gripper EGH

The easily adjustable, flexible Gripper for Cobots

Due to its long and variable stroke, the electric SCHUNK Co-act gripper EGH is a great way to easily implement automation with a cobot. It is particularly suited to the handling, assembly and electronics industries; gripping small to medium-sized workpieces. Installing and controlling the gripper is extremely simple.

Easy to mount quick release

for the quick and easy attachment of the gripper to the robot

Plug & Work

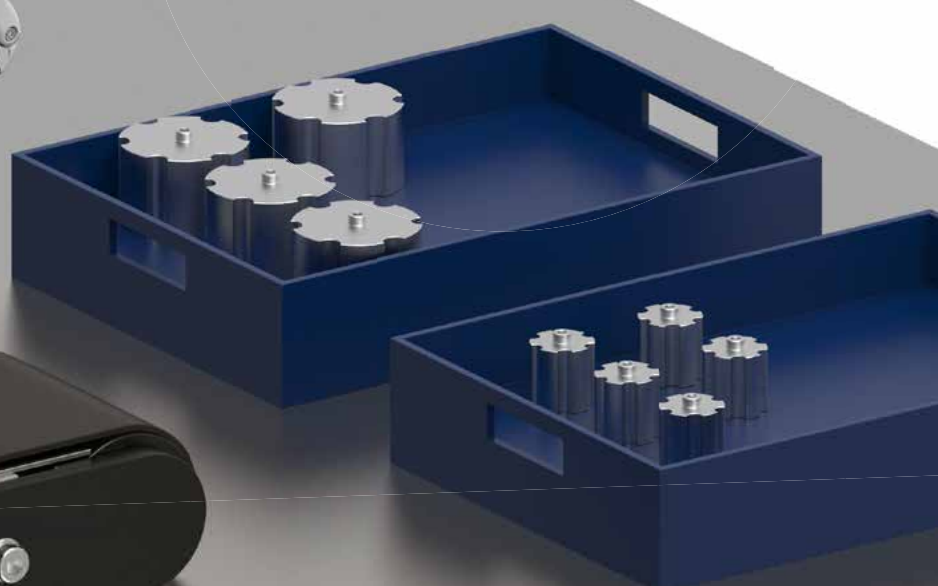for a quick and easy process to start production use the URCap Plugin

Integrated status display
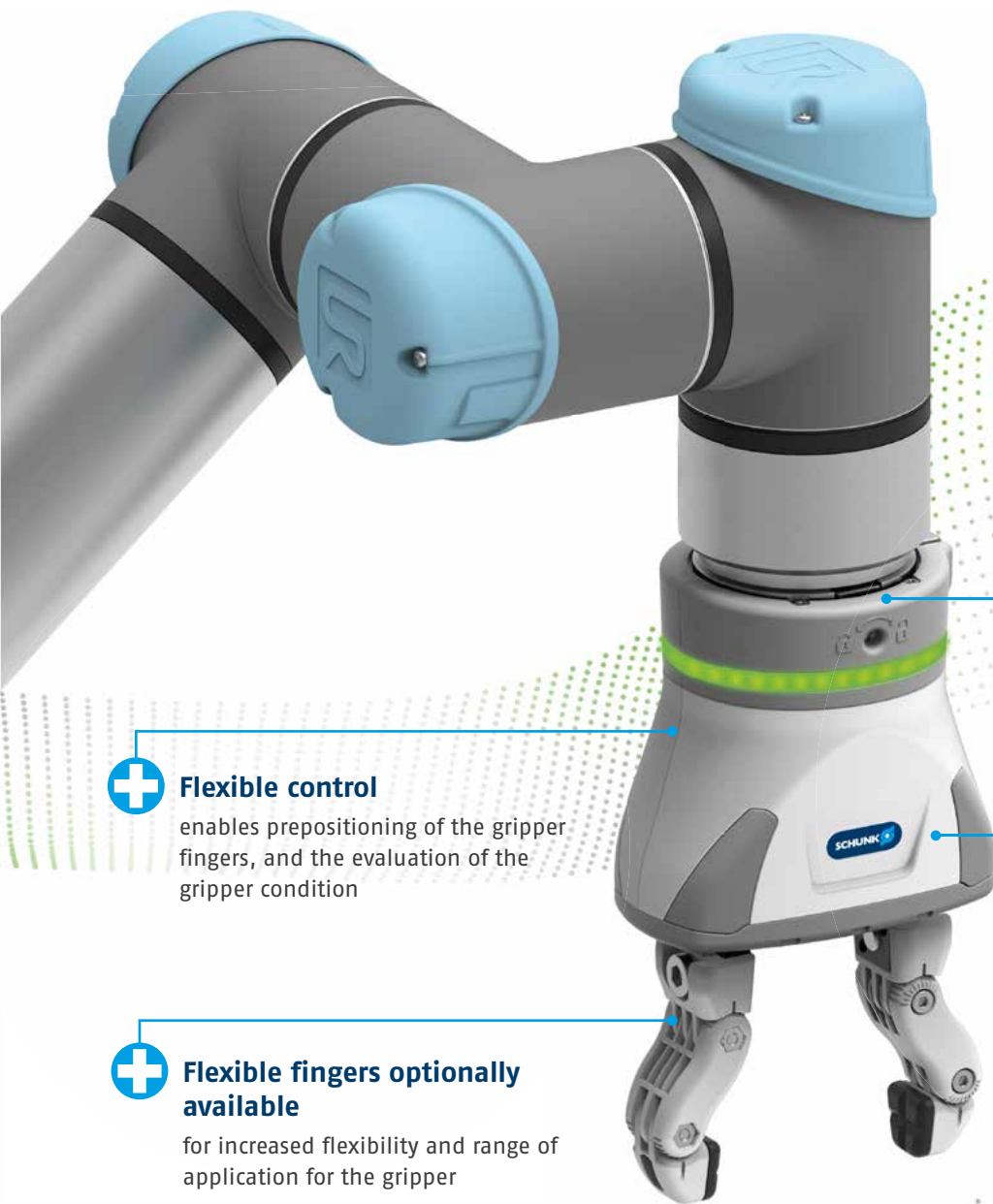
for a visual indicator of the application state

Long stroke

fully programmable to ensure flexible workpiece handling

Start your Automation now!

The new flexible SCHUNK Co-act Gripper EGH

Software module
USB stick with plugin for Universal Robots

Flexible control
enables prepositioning of the gripper fingers, and the evaluation of the gripper condition

Gripping movement with parallel kinematics
for constant gripping force over the entire stroke

Flexible fingers optionally available
for increased flexibility and range of application for the gripper

Technical Data

S	**F**	**m**	**m**	**m**	
Overall stroke	Gripping force	Weight	Workpiece weight for force-fit gripping	Workpiece weight for form-fit gripping	Dimensions L x W x H
80 mm	100 N	0.95 kg	0.5 kg	up to 3 kg	114 x 86.5 x 133 mm

Technical Data

The technical features of the SCHUNK Co-act gripper EGH allows it to reliably integrate gripper applications with cobots easy and conveniently.

Long, easily programmable stroke with parallel finger movement!

The SCHUNK Co-act gripper EGH has robust parallel kinematics with a long stroke that is flexible and easy to control.

Benefits:

- Suitable for a broad range of workpieces
- A constant gripping force over the complete stroke
- Simple programming. The parallel gripping movement does not require any compliance in Z direction

Flexible fingers – included in the starter kit!

The gripper can be quickly and easily adapted to various workpieces, by mounting flexible gripper fingers.

Your benefits:

- Flexibility in different applications
- Time saving, due to not having to change fingers and grippers.

Status display via LED light band – freely programmable

The integrated light band can be used for displaying three preset colors by digitally signaling the different gripper states.

Your benefits:

- Quick malfunction detecting
- Clear visual feedback when a command is executed