



2019- 2020
CATALOGUE

**START
PRODUCTION
FASTER**

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WHO WE ARE

+

OUR MISSION

Manufacturers struggle to put robots to work in their factories because it's still too costly and too complicated. Robotiq's tools and know-how simplify collaborative robot applications, so factories can start production faster. Robotiq works with a global network of connected robot experts supporting their local manufacturers.

**FREE HUMAN
HANDS FROM
REPETITIVE TASKS**

OUR TEAM BEHIND THE PRODUCTS

We work hard, have fun and love what we do!
The team at Robotiq is what makes the products stand out.
We believe in what we do, and we're constantly seeking to do more and better!



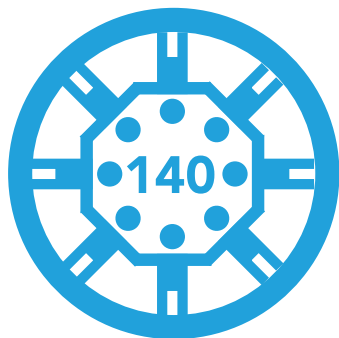
AT A GLANCE

10,000+
HANDS FREED



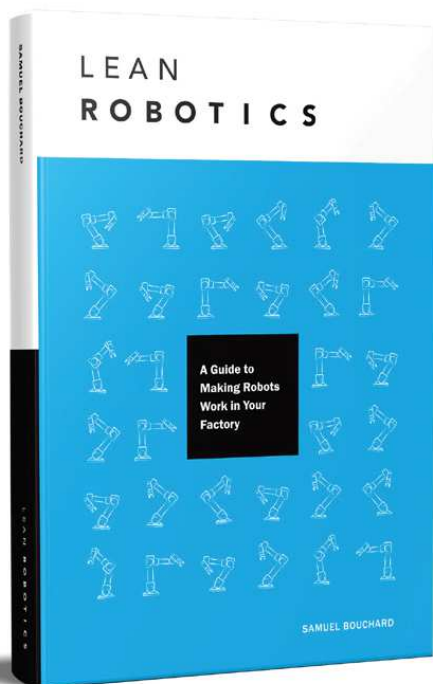
190+
CHANNEL
PARTNERS
GLOBALLY

**140
EMPLOYEES
WORLDWIDE**



**RBR TOP 50
SEVEN YEARS
IN A ROW**

LEAN ROBOTICS



SAVE TIME WITH A
STEP-BY-STEP METHODOLOGY
THAT HELPS YOU GO
FROM A MANUAL TASK
TO A ROBOTIC ONE.

Buy it on Amazon

amazon.com

"I wish I'd read Lean Robotics earlier. We've learned to start simple, get small wins, and stop over-complicating things. This book is our bible now."

— Craig Zoberis, CEO, Fusion OEM



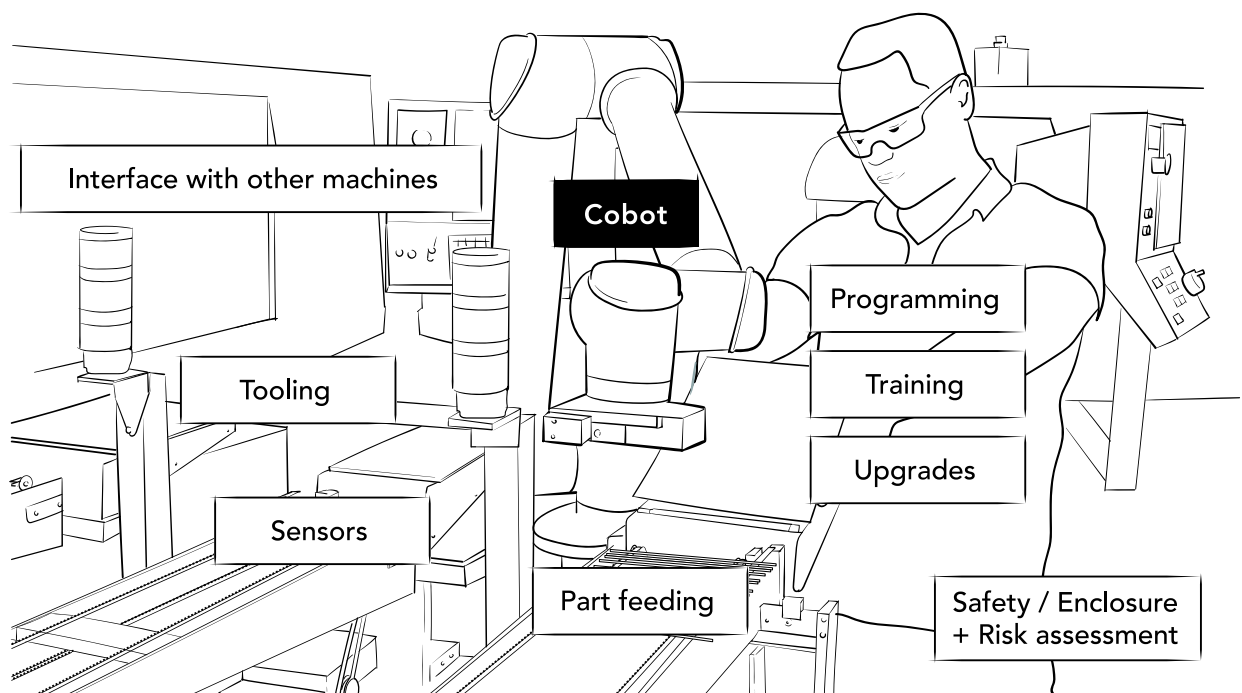
LEARN MORE AT **LEANROBOTICS.ORG**

LEAN 
ROBOTICS

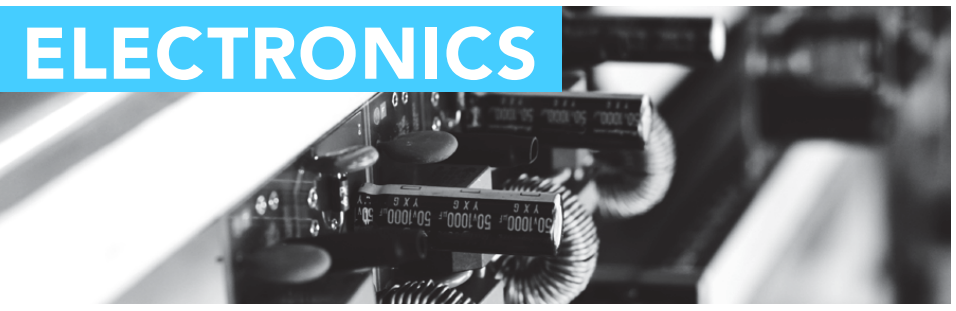
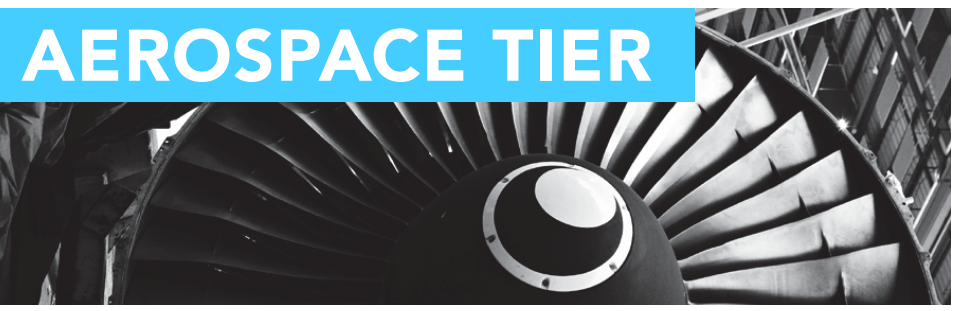
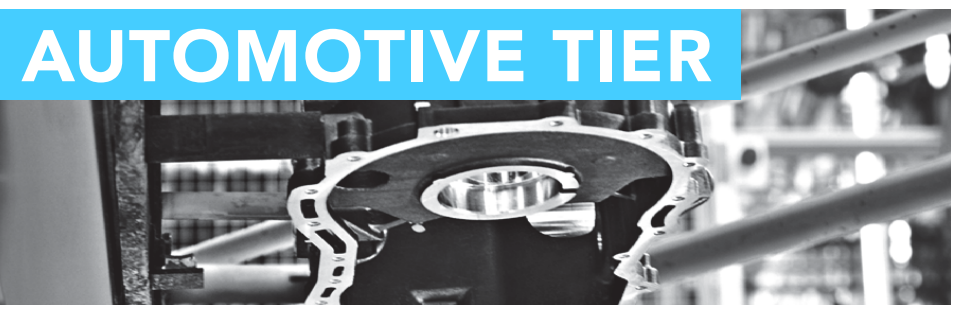
THE CHALLENGE
IS NOT THE ROBOT.



IT'S THE ROBOT CELL!



INDUSTRIES



APPLIANCES



CONSUMER GOODS



WOODWORKING



METALWORKING



AND MANY MORE

WHAT IS YOUR INDUSTRY?

A FIRST STEP TOWARDS EASY AUTOMATION



PICK AND PLACE



ASSEMBLY



CNC MACHINE TENDING



FINISHING

PICK AND PLACE + ASSEMBLY



1. Choose a gripper.



2. Add Force Copilot
to increase precision
and reliability.



3. Easily integrate
the Wrist Camera to
locate the right part.

BEYERDYNAMIC CASE STUDY

Problem

German audio equipment leader beyerdynamic aimed at increasing factory floor productivity by 50% on a 4-year plan. This had to be done in the same production space, with the same number of employees, without compromising the brand's highest quality standards. They were looking for really stable automated processes.

Solution

The Robotiq Wrist Camera and 2-Finger Gripper combo, installed on a Universal Robots UR5 model, rapidly became the best option. beyerdynamic was able to have the robot pick every loudspeaker, regardless of how it was presented, and place it on the jigs to get sprayed with a glue medium.



"We have the medium applied equally on each speaker, which improves our own quality index by 50%."

— Peter Härtel, Head of strategic operations and quality, beyerdynamic

Watch our case studies at robotiq.com/resource-center.

CNC MACHINE TENDING

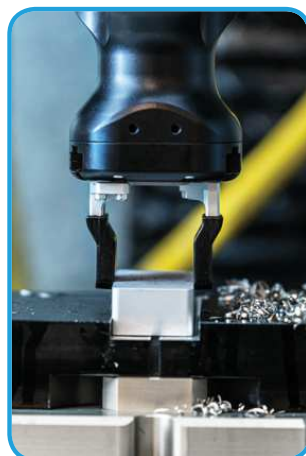
Learn more about our Machine Tending Kit at robotiq.com.



1. Reduce cycle time with a dual Hand-E.



2. Move your robot from one machine to another for a faster ROI.



3. Increase precision and reliability with Machine Tending Copilot.



4. Don't worry about part presentation with Robotiq Wrist Camera.

PORTAS EURO-RAPID CASE STUDY

Problem

Portas Euro-Rapid manufactures fittings and couplings to join pipes together. Mechanical flaws slowed machine operations, causing a lot of downtime with limited personnel available to fix issues.

Solution

Integrating Robotiq 2F-140 Adaptive Grippers and Universal Robots UR10 to each machine allowed each employee to take care of three machines. Now their machines run full-time and production capacity has doubled.



"Now, with the same machines, we've managed to stay up to date and serve our customers much better."

— Joaquim Portas, President, Portas Euro-Rapid

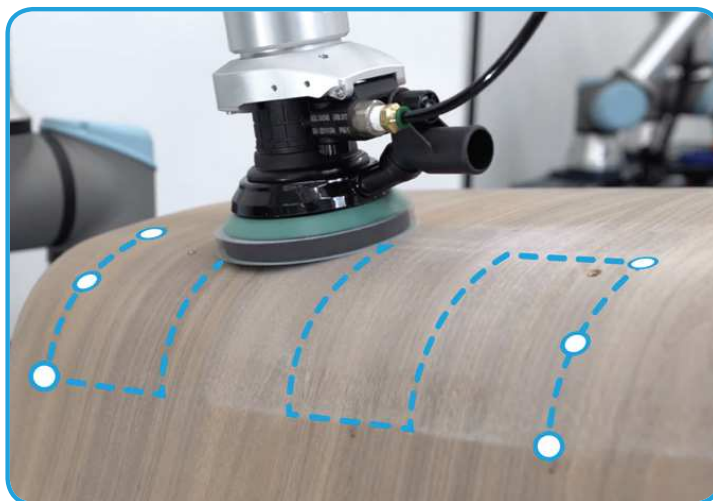
Watch our case studies at robotiq.com/resource-center.

FINISHING

Learn more about our Finishing Kit at robotiq.com.



1. Find all the hardware to automate finishing with cobots in one place.



2. Save hours of programming time with the intuitive Finishing Copilot software.

3. Generate a finishing path with less than 10 waypoints, program an external TCP in minutes, and manage tool wear.

SAINT-GOBAIN CASE STUDY

Problem

At the Saint-Gobain plant in Sully-sur-Loire, France, human labor provides high-value work to the finished product. In their shift towards Industry 4.0 to free employees from repetitive tasks, Saint-Gobain wanted to automate a grueling glass polishing process, where a complex movement needed to be programmed for every different, small-batch production series of glass.

Solution

With the path recording function of the Robotiq FT 300 Force Torque Sensor, the operator can grasp the device and make the movement; the Universal Robots UR10 then records and reproduces the operator's motion. The operator avoids frequent musculoskeletal disorders and focuses on the glass preparation, a painless, value-added operation.



"We've achieve ROI in less than a year and we're able to produce the same amount of work in two 8-hour shifts instead of three, compared to before the robot arrived."

— Ignacio Sanchez, Digital Manufacturing Manager,
Saint-Gobain

Watch our case studies at robotiq.com/resource-center.



Plug+Play Components

The Robotiq

- › **Factory proven** hardware
- › The most **user-friendly software** for cobots
- › **Product synergy** between each component
- › **10 years of experience** in cobot applications
- › **99% satisfaction rate** in proof-of-concept and support services

48H
LEADTIME

Difference

2F-85



2F-140



HAND-E



EPICK



AIRPICK



3F



FROM THE CREATORS OF THE WORLD'S BEST-SELLING GRIPPERS FOR COBOTS

FT 300 FORCE TORQUE SENSOR



FORCE COPILOT



WRIST CAMERA



INSIGHTS



SANDING KIT





THE WORLD'S BEST-SELLING GRIPPERS FOR COBOTS

You don't need a background in robotics to use Robotiq Grippers. Install your gripper in just a few minutes with our Plug + Play gripping kits, and use our intuitive gripping software to program directly on your robot's touchscreen.

- › Plug + Play on collaborative robots
- › Eliminate changeovers & reduce tooling costs
- › Pick parts of different size and shapes
- › Automate all your applications with one gripper
- › Program your application in minutes
- › High accuracy and wide stroke
- › Ideal for precision assembly tasks

2F-85

Robust and suitable for industrial environments

Safe and collaborative

Easy to customize

High force



► FEATURES

Built for collaborative robots

Collaborative robots are built for different environments and applications than industrial ones. Robotiq has been in the cobot industry since the beginning. Our products are made for cobots and are the world's best-sellers for cobots.

Simple to program

- › One easy-to-use software interface for all Adaptive Gripper models
- › Built-in grip and dimension validation
- › Automatic part detection and position feedback

2F-140

Adaptive Grippers

Robust and suitable for industrial environments

Safe and collaborative

Easy to customize

Large stroke



► FEATURES

Full control

- › Simply adjust the gripper's position, speed, and force until it grasps your object perfectly.

Suits industrial needs

- › Robust, factory-proven hardware
- › High pinch force and payload

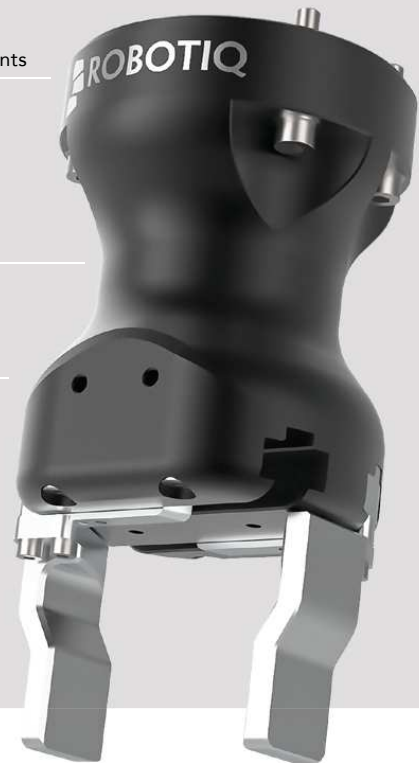
Hand-E

Robust and suitable for industrial environments

Safe and collaborative

Sealed

Easy to customize



► FEATURES

Running in no time

Robotiq grippers are easy to install, easy to program and easy to use, for you to deploy your robotic cell faster.

Low-volume, high-mix production

Robotiq grippers can easily adapt to the task at hand, allowing you to use only one gripper for all your applications.

IN ACTION

Adaptive Grippers



Add vision

Locate and pick parts—with no need for jigs or fixtures—when you combine the 2F-85 or the 2F-140 Adaptive Gripper with the Robotiq Wrist Camera.



Achieve unprecedented precision

Use Force Copilot with your gripper to program repeatable positioning of parts within a CNC fixture and precise insertion assembly tasks.



Dual-gripper combo

Use multiple grippers on the same robot to reduce cycle time. Simplify your cable management by connecting a dual gripper directly on the robot wrist.

DESIGNED FOR

Use Robotiq Adaptive Grippers to accomplish a complete lineup of applications with a fast time-to-production—no robotics expertise required. They're key to a highly flexible and reliable robotic cell.



Pick and Place



Assembly



Machine Tending

IN ACTION

Adaptive Grippers

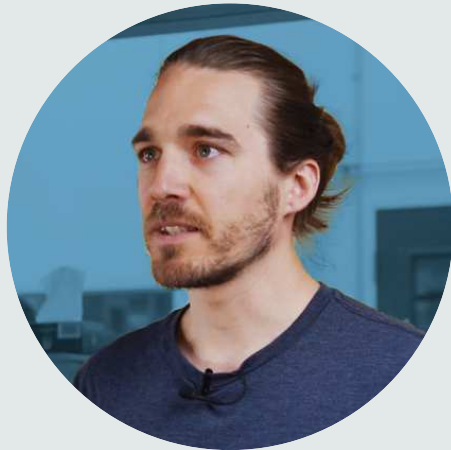


WHY PEOPLE BUY

- + **Deploy in hours** instead of weeks
- + **One gripper for all** your applications
- + **Reduce downtime** with factory-proven grippers
- + **Seamlessly integrate** with other Robotiq **products, for higher productivity**

"The 2F-85 is very intuitive in terms of force, opening, and activation. For everything pick-and-place-related, you can mount the fingertips however you want."

— Joel Lessard, Director of Continuous Improvement, APN



Watch our case studies at robotiq.com/resource-center.

CUSTOMIZE YOUR GRIPPER

Adaptive Grippers



Fingertip customization

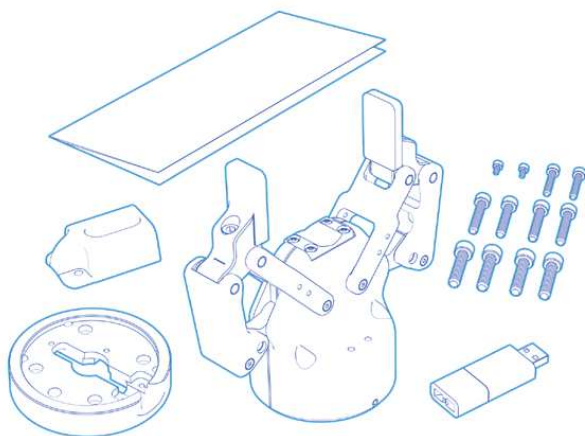
You can easily change the gripper fingertips and customize them to meet your application needs.

Protector add-on

You can add rugged protective covers to prevent wear and allow your gripper to endure harsh environments.

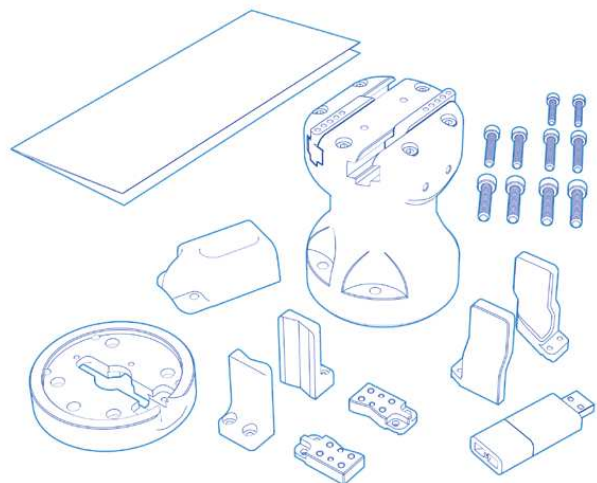
WHAT'S INCLUDED

2F-85 + 2F-140



- + 2-Finger Adaptive Gripper
- + Parallel Locking Pins
- + Quick Start Guide
- + Connector Protector Kit
- + Gripper Coupling
- + USB Stick
- + 2 x M3 Screws
- + 2 x M4 Screws
- + 4 x M4 Screws
- + 4 x M6 Screws

Hand-E



- + Hand-E
- + Quick Start Guide
- + Connector Protector Kit
- + Fingertip Starter Kit (3 pairs)
- + Gripper Coupling
- + USB Stick
- + 2 x M4 Screws
- + 4 x M5 Screws
- + 4 x M6 Screws

SPECIFICATIONS

Adaptive Grippers

Hand-E

2F-85

2F-140

Stroke	50 mm / 2.0 in	85 mm / 3.3 in	140 mm / 5.5 in
Grip Force	20-130 N / 45-27 lbf	20-235 N / 4.5-50 lbf	10-125 N / 2-25 lbf
Form-Fit Grip Payload	5 kg / 11 lbs	5 kg / 11 lbs	2.5 kg / 5.5 lbs
Friction Grip Payload*	3 kg / 7 lbs	3 kg / 7 lbs	2.5 kg / 5.5 lbs
Gripper Weight	1 kg / 2 lbs	0.9 kg / 2 lbs	1 kg / 2 lbs
Closing Speed	20-150 mm/s / 0.8-5.9 in/s	20-150 mm/s / 0.8-5.9 in/s	30-250 mm/s / 1.2-9.8 in/s
Ingress Protection (IP) Rating	IP67	IP40	IP40

*Calculated for the use of silicon-covered fingertips to grip a steel object, at a low robot acceleration.

GUARANTEE

Robotiq warrants the Adaptive Grippers against defects for a period of one year from the date of reception when used as intended.



THE VACUUM GRIPPERS FOR ROBOTS

Manufacturers have complete control over their automation process with our fully customizable Vacuum Grippers. Designed for a wide range of industrial applications, their Plug + Play capabilities make them easy to program and fast to install. They handle objects of varying sizes, shapes, materials and weights.

Easy to integrate, easy to use

You don't need a background in robotics to use the Robotiq Vacuum Grippers. Install your Gripper in just a few minutes with our Plug + Play kits, and use our intuitive gripping software to program directly on your robot's touchscreen.

Integrated with Robotiq's Wrist Camera

The Robotiq Wrist Camera combined with Vacuum Grippers enables quick object teaching for an optimal grasp.

Air nodes

Robotiq's unique air nodes link the air tubes to the suction cups in order to let you customize the entire system.

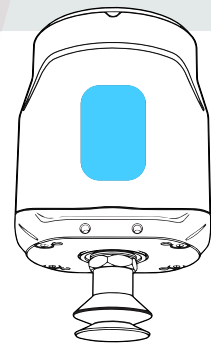
EPICK



► FEATURES

- › Plug + Play
- › Easy programming
- › Fast installation
- › Full customization
- › Low noise
- › Efficient and easy automation
- › Quick response time

Vacuum generator



Vacuum



AIRPICK

Vacuum Grippers

Compact design for cobots

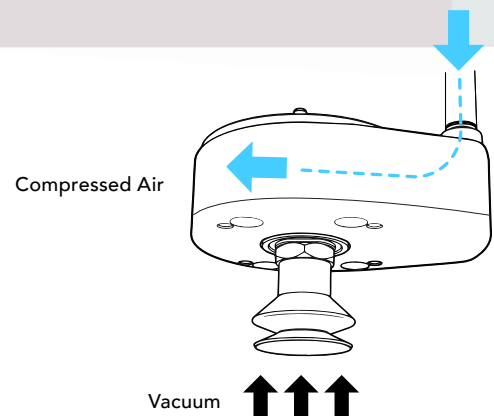
Low noise

Powerful vacuum flow



FEATURES

- › Plug + Play
- › Easy programming
- › Fast installation
- › Full customization
- › Low noise
- › Efficient and easy automation
- › Quick response time



DESIGNED FOR

Robotiq Vacuum Grippers can handle a wide range of applications and are ideal for picking up uneven and even workpieces made of different materials, such as cardboard, glass, sheet metal (dry) and plastic. Because of the customizable bracket and unique air nodes, Robotiq Vacuum Grippers provide manufacturers full control over their Gripper to make sure it's a perfect fit for their applications.



Pick and Place



Palletizing



Machine Tending



Packaging

WHY PEOPLE BUY

Vacuum Grippers

- + **Deploy in hours** instead of weeks
- + **Smooth handling** of every type of surface
- + **Pre-engineered system** for vacuum handling
- + **Seamlessly integrate** with other Robotiq products, for **higher productivity**

AVAILABLE CONFIGURATIONS

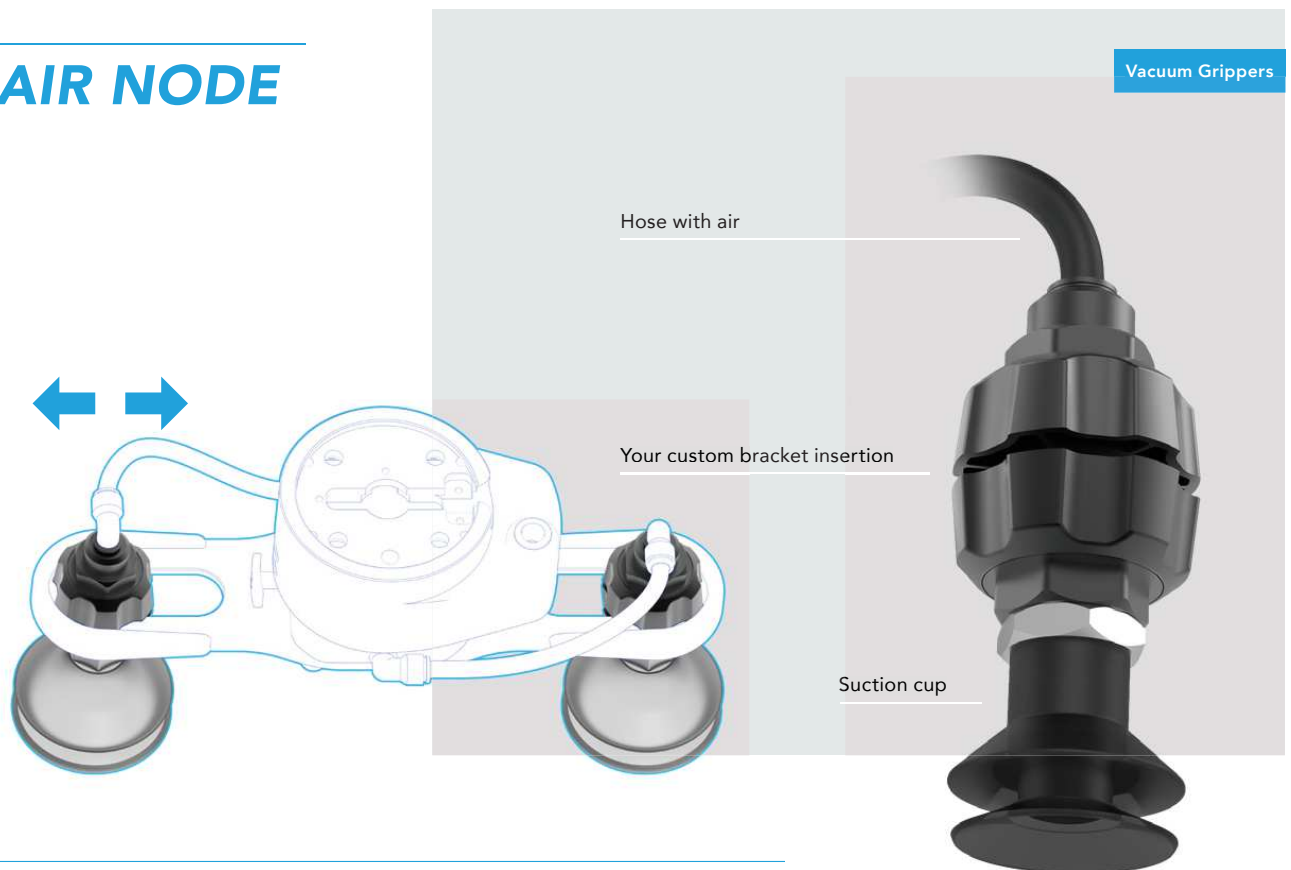
EPick



AirPick



AIR NODE

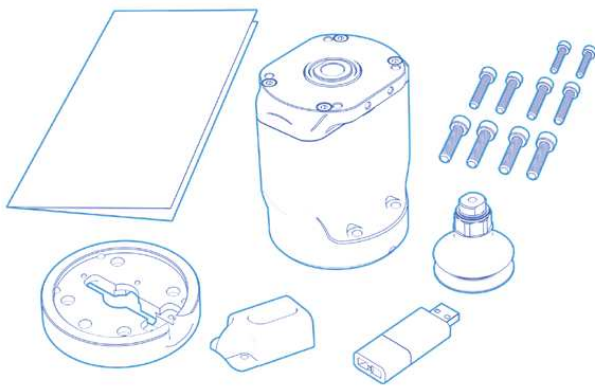


CUSTOMIZE YOUR GRIPPER

Robotiq's unique air nodes link the air tubes to the suction cups in order to customize the entire system. Build your own bracket and use Robotiq Air Nodes and you'll have a vacuum system that meets your needs!

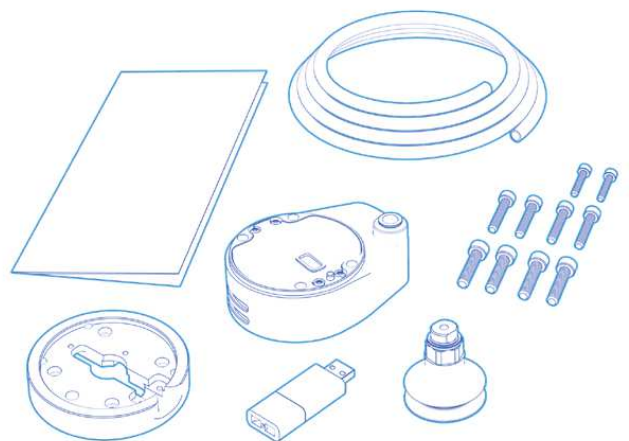
WHAT'S INCLUDED

EPick



- + Vacuum Generator
- + Quick Start Guide
- + Suction Cup
- + Gripper Coupling
- + USB Stick
- + Connector Protector Kit
- + 2 x M4 Screws
- + 4 x M5 Screws & Washers
- + 4 x M6 Screws & Washers

AirPick



- + Vacuum Generator
- + Quick Start Guide
- + Suction Cup
- + Gripper Coupling
- + USB Stick
- + 8mm Air Tube (8 m long)
- + 2 x M4 Screws
- + 4 x M5 Screws & Washers
- + 4 x M6 Screws & Washers

SPECIFICATIONS

Vacuum Grippers

EPick

AirPick

Energy Source	Electricity	Compressed air
Gripper Mass	710 g	481 g
Vacuum Level	80%	85%
Vacuum Flow	12 L/min	*
Noise Level	64 dB(A)	70.5 dB(A)
Air Consumption	-	135.9 L/min

*See manual for further information.

GUARANTEE

Robotiq warrants the Vacuum Grippers against defects for a period of one year from the date of reception when used as intended.

Sanding Kit



AUTOMATE SANDING TASKS THE EASY WAY

Sanding applications for collaborative robots require many hardware and software components to communicate together. Integration can take months... but not anymore! Our sanding kit is the only hardware and software all-in-one solution for cobots.

Start Finishing Faster

Robotiq is a pioneer in collaborative robot force control, and we built our expertise by supporting hundreds of clients with their automation projects. Our best lessons learned over the past ten years are all included in the finishing quick-start guide. Use it to save hours of programming time.

Built-in path generator

Teach six waypoints and let the Finishing Copilot software generate a complete path, applying consistent force at each cycle.

**THE ONLY
HARDWARE
AND SOFTWARE
SANDING SOLUTION
FOR UNIVERSAL
ROBOTS**



► FEATURES

Program sanding trajectories in minutes:

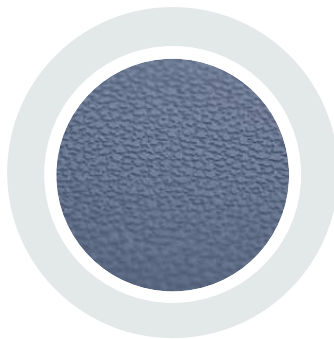
- › 4 waypoints (flat surfaces)
- › 6 waypoints (cylindrical surfaces)
- › 9 waypoints (spherical surfaces)
- › Compensate for part location with the offset feature

SUPPORTED MATERIALS

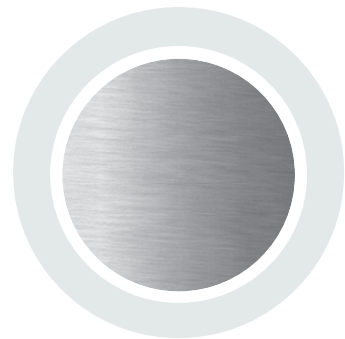
Sanding Kit



Wood



Plastic



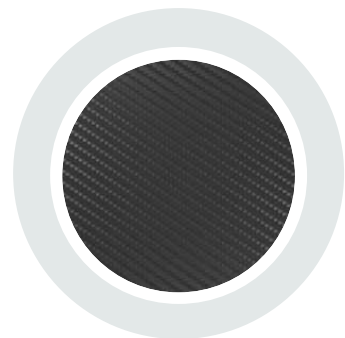
Metal



Fiberglass



Stone



Carbon Fiber

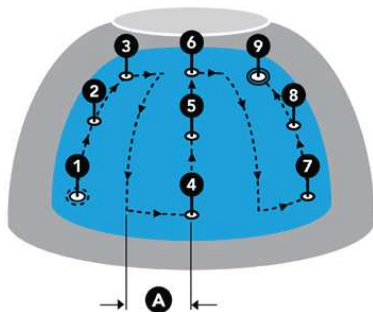
WHY PEOPLE BUY

- + Reduce programming time from **hours** to **minutes**
- + Automate the toughest job in the industry
- + The **only** hardware and software sanding solution for Universal Robots
- + Increase **quality** and **productivity**
- + Reduce worker **injuries**

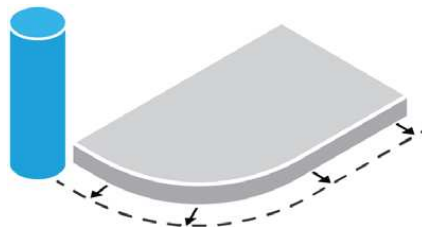
FINISHING COPILOT SOFTWARE

Sanding Kit

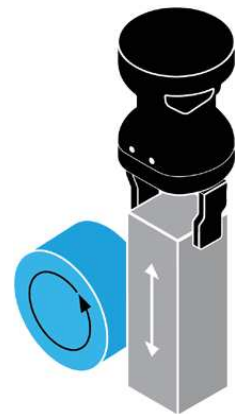
The software is suited for sanding, polishing, grinding and other forms of finishing application with tool on the robot or tool external to the robot.



1. Program complex finishing trajectories with less than 10 waypoints.

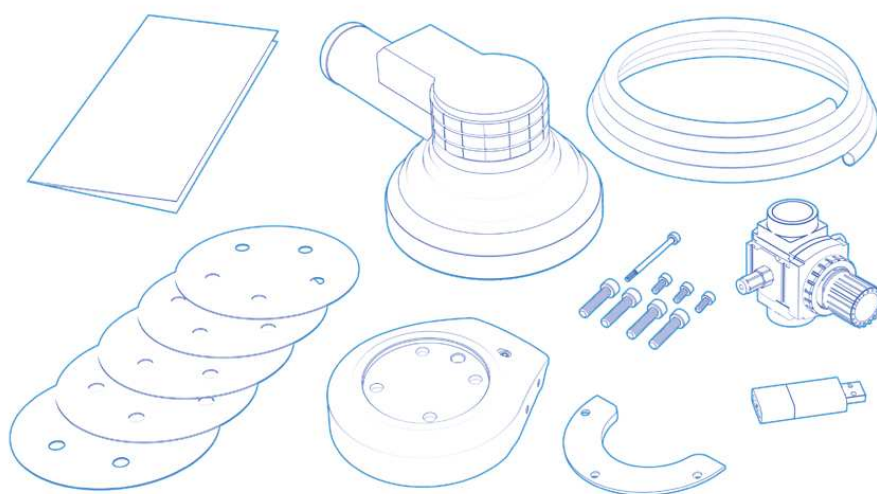


2. Compensate for tool wear or part positioning variations by programming an offset reference.



3. Program finishing applications requiring an external tool while the robot handles the part.

WHAT'S INCLUDED



- + Mounting Kit for Dynabrade Model 56819B on Universal Robots
- + Quick Start Guide
- + Dynabrade Sander Model: 56819B
- + Control Valve
- + 3/8 inch Air Tube

- + Finishing Copilot Software License Dongle
- + 5 Sanding Pads
- + 1 x M3 Screw
- + 3 x M4 Screws
- + 4 x M6 Screws

GUARANTEE

Refer to the random orbital sander's instruction manual for information on the sanding tool's warranty. Robotiq warrants the Finishing Copilot against defects in material and workmanship for a period of one year from the date of reception, when used as intended.

SPECIFICATIONS

Sanding Kit

Random Orbital Sander

Maximum Air Supply	6.2 bar / 90 PSI
Air Flow (at full speed)	450 L/min / 16 SCFM
Pad Diameter	127 mm / 5 in
Media	Hook-and-loop; 5 holes
Orbit Diameter	4.8 mm / 3/16 in
Maximum Speed	12,000 RPM
Air Supply Inlet	1/4 in NPT thread
Dust Exhaust	Central vacuum ready; 1 in (25 mm) diameter

Robotiq Bracket

Weight	0.42 kg / 0.9 lb
Added Height	9 mm / 3/8 in

Control Valve

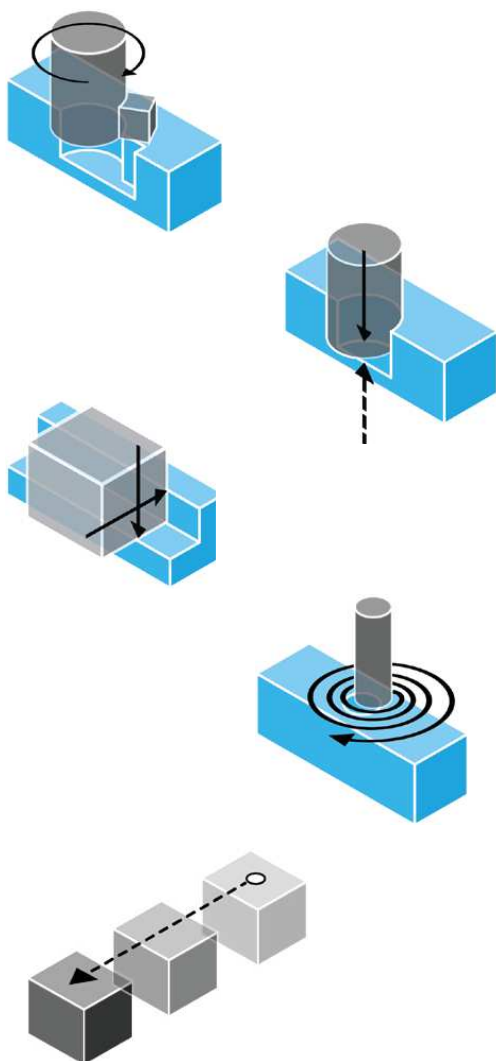
Air Supply Inlet/Outlet	1/4 in NPT thread
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Sanding Media Kit

Grits	60, 80, 120, 220, 320, 400
-------	----------------------------

Force Copilot





FORCE CONTROL MADE EASY

Transform your production process by automating the most advanced force-sensitive applications on the market. Program complex robot movements in minutes—no robotics expertise needed. The result is a reliable and flexible robot cell.

Gain flexibility and robustness for assembly, insertion, pick-and-place, and machine-tending applications.

Fits with Universal Robots e-Series models with built-in force torque sensor. Refer to the Robotiq FT 300 Force Torque Sensor for equivalent software capabilities on Universal Robots CB series.



▶ FEATURES

- › Included with purchase of FT 300 Force Torque Sensor hardware
- › Adjustable tool weight based on center of gravity
- › Sensor value resetting
- › Hand-guided robot movement
- › Precise object placement
- › Alignment
- › Indexing
- › Insertion
- › Complex trajectories
- › Constant force and stiffness for each axis

SOFTWARE

Force Copilot



Program complex tasks the easy way

Make force control easy. Enter your task parameters, press play, and perform your application.

Unlock force-sensitive applications

Gain access to applications that need force-torque feedback with Force Copilot's intuitive programming interface.

WHY PEOPLE BUY

- + **Program complex tasks** the easy way
- + **Save hours** of programming
- + **Increase** robot cell **reliability** and **flexibility**
- + **Unleash** your **force-torque sensor's** full potential

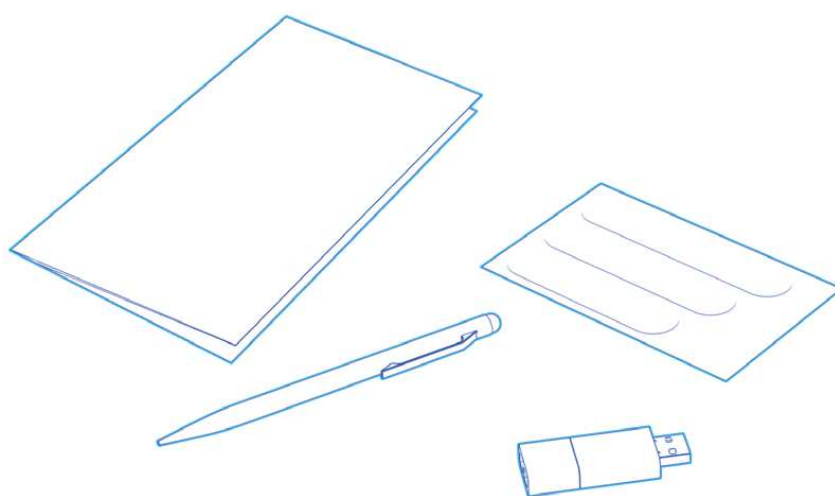
"With just one or two lines of code through Force Copilot, we let the software generate all the part positioning."

— Jacob Miller, Engineering Manager, Fusion OEM



Watch our case studies at robotiq.com/resource-center.

WHAT'S INCLUDED



- + Force Copilot Software License Dongle
- + Quick Start Guide
- + Axis Stickers for Universal Robots (UR3, UR5, UR10)
- + Digital Surface Pen

GUARANTEE

Robotiq warrants the Force Copilot against defects in material and workmanship for a period of one year from the date of reception when used as intended.

FT 300 Force Torque Sensor



UNLOCK FORCE SENSITIVE APPLICATIONS

Transform your production process by automating the most advanced force-sensitive applications on the market. Program complex robot movements in minutes—no robotics expertise needed. The result is a strong and flexible robot cell.

Easy to integrate, easy to use

You don't need a background in robotics to use the FT 300 Force Torque Sensor. Its intuitive programming interface guides you through the steps to an efficient force-sensitive application.

Increase precision and repeatability

Increase your robot's dexterity. Gain flexibility and reliability for assembly, insertion, pick-and-place, and machine-tending applications.

Stiff metal composition ensures high sensitivity

Includes Force Copilot intuitive programming interface

Built for compatibility with Universal Robots CB-Series



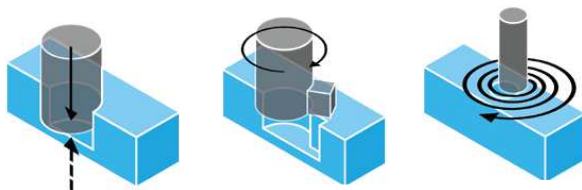
► FEATURES

Includes the Force Copilot intuitive programming interface:

- › Adjustable tool weight based on center of gravity
- › Sensor value resetting
- › Hand-guided robot movement
- › Precise object placement
- › Alignment
- › Indexing
- › Insertion
- › Complex trajectories
- › Constant force and stiffness for each axis
- › Takes precise, repeatable, and high-resolution measurements



FT 300 Force Torque Sensor



Using Force Control on cobots lets you program complex robot movements like insertions and part positioning in minutes without any robotics expertise to get a strong and flexible robot cell. The newest generation of Universal



CB-Series

UNIVERSAL ROBOTS

Already have a e-Series robot?

▶ Go to **Force Copilot** section

Robots has a built-in Force Torque Sensor, while its predecessor requires external hardware to access force data and program with ease. Choose the right Robotiq Force Control package for your robot.

DESIGNED FOR

Transform your production process by automating the most advanced force-sensitive applications on the market. Program complex robot movements in minutes—no robotics expertise needed. The result is a strong and flexible robot cell.



**Pick and Place
Assembly
Machine Tending
Finishing**

SOFTWARE

FT 300 Force Torque Sensor



Program complex tasks the easy way

Make force control easy. Enter your task parameters, press play, and perform your application.

Unlock force-sensitive applications

Gain access to applications that need force-torque feedback with Force Copilot's intuitive programming interface.

IN ACTION



Path recording

Records and reproduces the operator's motion in minutes, for every different part.

WHY PEOPLE BUY

FT 300 Force Torque Sensor

- + **Program** complex tasks **the easy way**
- + **Save hours** of programming
- + **Increase** robot cell **reliability** and **flexibility**
- + Stiff metal composition **ensures high accuracy**

"Without the FT 300, this operation would have been quite complex, since programming of a robot movement that must follow a volume in space is a complicated thing to do."

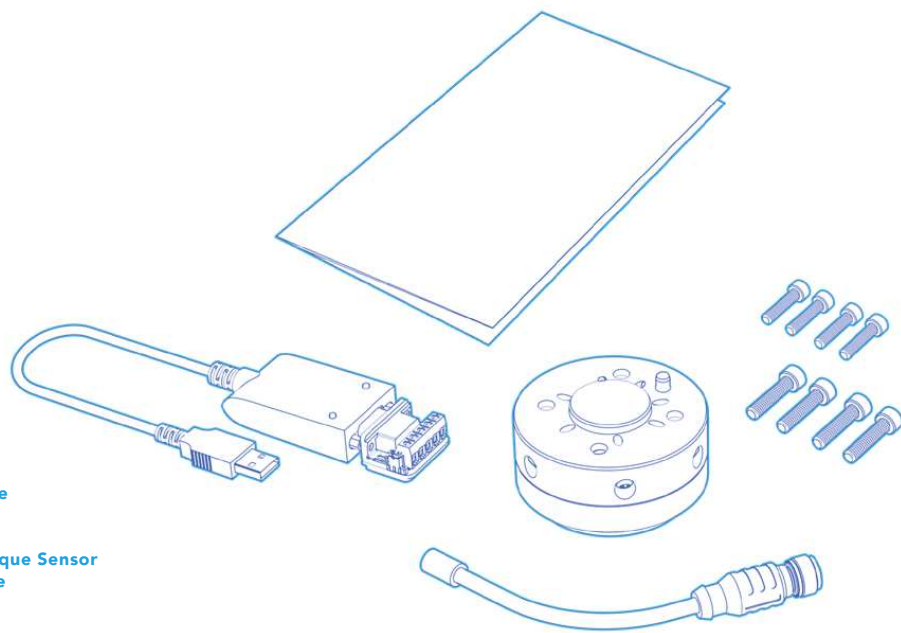
— Nicolas Bouhet, HMi-MBS Engineering and Services



Watch our case studies at robotiq.com/resource-center.

WHAT'S INCLUDED

- + Quick Start Guide
- + USB Converter
- + USB Stick
- + FT 300 Force Torque Sensor
- + Connection Cable
- + 4 x M4 Screws
- + 4 x M6 Screws



GUARANTEE

Robotiq warrants the FT 300 Force Torque Sensor against defects in material and workmanship for a period of one year from the date of reception when used as intended with the specified maintenance. Robotiq also warrants that this equipment will meet applicable specifications under normal use.

SPECIFICATIONS

FT 300 Force Torque Sensor

Measuring Range	Force range Fx, Fy, Fz	± 300 N	
	Moment range Mx, My, Mz	± 30 N·m	
Signal Noise*		Sensor signal noise	Recommended minimum threshold for contact in robot static state
	Force in X, Y, Z	0.1 N	1 N
	Moment in X, Y	0.005 N·m	0.02 N·m
	Moment in Z	0.003 N·m	0.01 N·m
External Noise Sensitivity	All axes	Immune	
Data Output Rate	100 Hz		
Temperature Compensation	15°C to 35°C		
Weight	300 g		
Recommended Minimum Threshold for Contact during Robot Quasi-Static Motion	For threshold during quasi-static motion, ask your integration coach at support@robotiq.com .		

*Signal noise is the standard deviation of the signal measured over a period of one (1) second.

Wrist Camera



VISION MADE FOR UNIVERSAL ROBOTS

The Robotiq Wrist Camera is designed to perform industrial applications with any expertise level. Teach new parts and detect features quickly to ensure repeatable picking.

Cam locate

Teach, edit, and run via the teach pendant. Locate many parts in a single snapshot. Validate with color.

Barcode reading

Improve product identification and traceability. Supports QR, 128 codes and many more.

Visual offset

Ensures fast setup and changeovers by adapting to workplane movements. Ideal for mobile robots.

Built for compatibility with Universal Robots

Seamless integration with the Universal Robots wrist

Slim, compact aluminum body with sealed hardware for industrial needs



► FEATURES

- › Programming software that runs directly on the teach pendant
- › Two flexible multi-object teaching methods
- › Automatic and manual adjustment of lighting, focus, exposition, and more
- › Customizable color validation
- › Multi-language software (ENG, FR, ES, DE, ZH, JP)

DESIGNED FOR

Wrist Camera

The Robotiq Wrist Camera is designed to perform industrial applications with Universal Robots. Teach new parts and detect features quickly to ensure repeatable picking.



Screwdriving



Assembly



Machine Tending

WHY PEOPLE BUY

- + Vision **made for** Universal Robots
- + **Locate** parts in **unstructured** environments
- + **Adapt** to workplane and task changeovers
- + **Unlock traceability** with barcode reading
- + Operate with **any expertise level**

"The camera solves the problem every manufacturer in the world has, which is picking up parts that are not in the same position."

— Jörg Lang, Process and quality manager, beyerdynamic



Watch our case studies at robotiq.com/resource-center.

IN ACTION

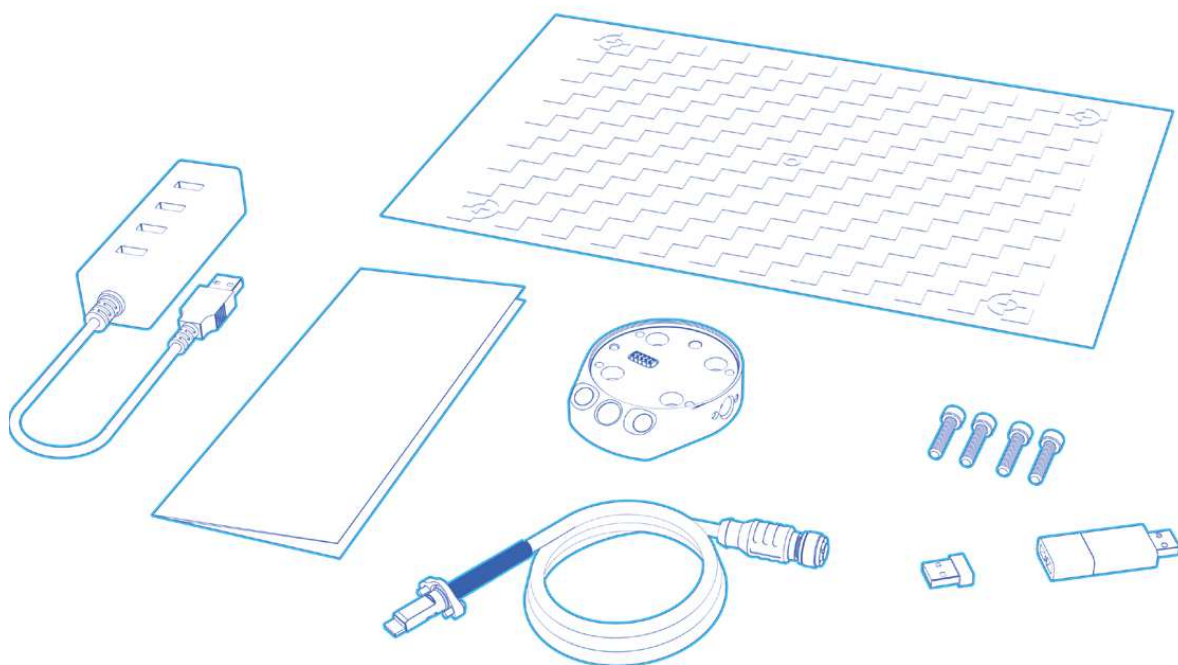
Wrist Camera



Add gripping

Integrate the Wrist Camera with the Robotiq adaptive grippers to unlock more applications without relying on an extra cable or mounting plate.

WHAT'S INCLUDED



- + Wrist Camera
- + Quick Start Guide
- + Calibration Board
- + High-Flex Pigtail Cable (10 m long)
- + USB Hub
- + License Dongle
- + USB Stick - 16GB
- + 4 x M4 Screws

SPECIFICATIONS

Wrist Camera

UR3

UR5

UR10

Minimum Field of View	10 x 7.5 cm	10 x 7.5 cm	10 x 7.5 cm
Maximum Field of View	36 x 27 cm	64 x 48 cm	100 x 75 cm
Minimum Part Size*	10%	10%	10%
Maximum Part Size*	60%	60%	60%
Integrated Lighting	6 LED diffuse white light	6 LED diffuse white light	6 LED diffuse white light
Focus Range	70 mm / 2.76 in to infinite	70 mm / 2.76 in to infinite	70 mm / 2.76 in to infinite
Compatibility	Universal Robots UR3, UR5 and UR10 with controller CB3.1 or higher.		

* Percentage of field of view

GUARANTEE

Robotiq warrants the Wrist Camera and Vision System against defects in material and workmanship for a period of one year from the date of reception when used as intended. Robotiq also warrants that this equipment will meet applicable specifications under normal use.

Insights

► FEATURES

- › Plug-and-play connection kit
- › Machine monitoring
- › Notifications and reports
- › Remote access
- › Backups and log files

MANAGE YOUR ROBOT PRODUCTION FROM ANYWHERE

Insights is a web application connected to Universal Robots, offering visibility into the entire robot cell for continuous improvements.

Minimize Downtime

Get real-time alerts. If downtime occurs, remote access to your robot lets you restart production faster.

Monitor Production

Define your own KPIs and track them to seek trends in your production.

Optimize Production

Strive for more efficient processes to maximize your production's ROI.

WHY PEOPLE BUY

- + **Access** to your robot cell **remotely**
- + **Store** backups and log files
- + **Monitor** cobot performance
- + **Get visibility** into the entire cobot cell
- + **Receive reports on robot cell performance**

*"Insights helps us maximize runtime,
and we get a much better profit
margin on the job."*

— Ken Chess, COO, Fusion OEM



Watch our case studies at robotiq.com/resource-center.

PLANS

Insights

	Insights License	Starter Kit*
Real-Time Robot Overview	✓	✓
Email Reports Scheduler	✓	✓
Robot SMS Alerts	✓	✓
Performance Timeline and KPIs	✓	✓
Robot Digital I/O Events	✓	✓
Downloadable Events Log	✓	✓
Remote Access	✓	✓
Backup and Robot Log Files	✓	✓
Preconfigured 4G LTE/Wi-Fi Router & Antennas		✓
Prepaid International SIM card**		✓
Logitech C920 Webcam		✓

* 1-year term.

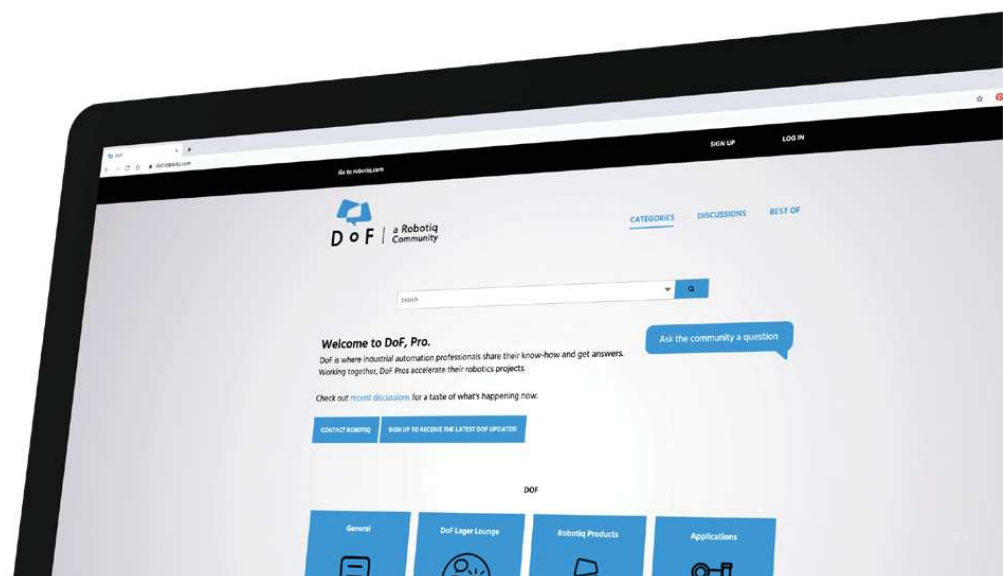
** Equivalent to a 1-month period.

Support

HOW DOES ROBOTIQ SUPPORT MANUFACTURERS?

Global support

Support our clients throughout their robot cell integration process, prior to, during and after the sale.



PEOPLE

**MORE THAN PRODUCTS IT'S AN AMAZING
BEFORE-AND-AFTER-SALE SERVICE WITH
A 99% SATISFACTION RATE**

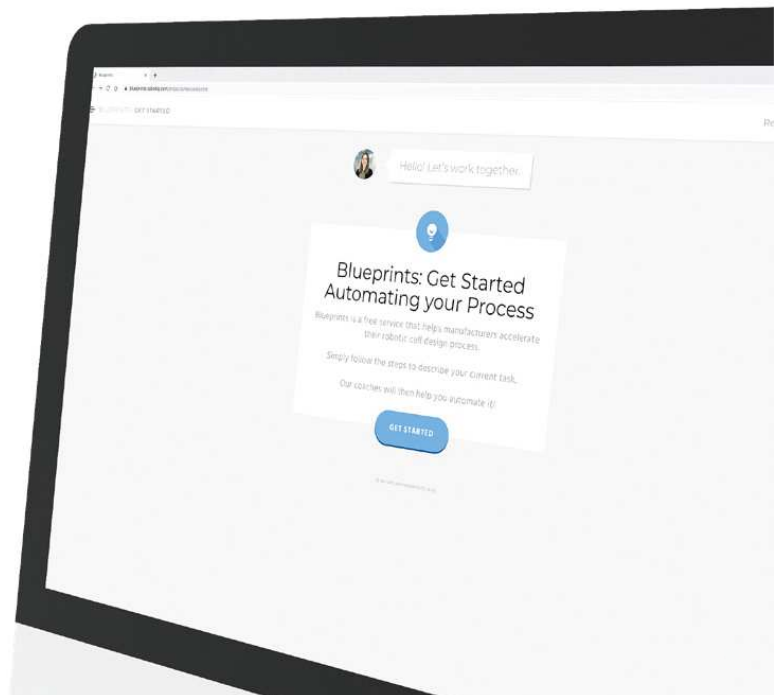


READY TO AUTOMATE?

Support

1. Access blueprints.robotiq.com to describe and document your current task.

2. Our integration coaches will help you automate it.



ONLINE



Robotiq LEARNING



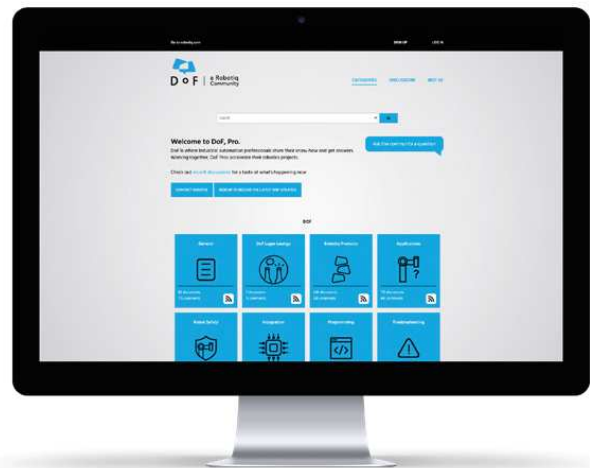
Empower yourself with Robotiq products and cobot applications, using the only eLearning platform integrating Lean Robotics concepts.

elearning.robotiq.com



DoF | a Robotiq Community

Get technical insights from cobot experts



DoF is where industrial automation professionals share their know-how and get answers. Working together, DoF Pros accelerate their robotics projects.

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e-Books



OUR MOST POPULAR E-BOOKS:

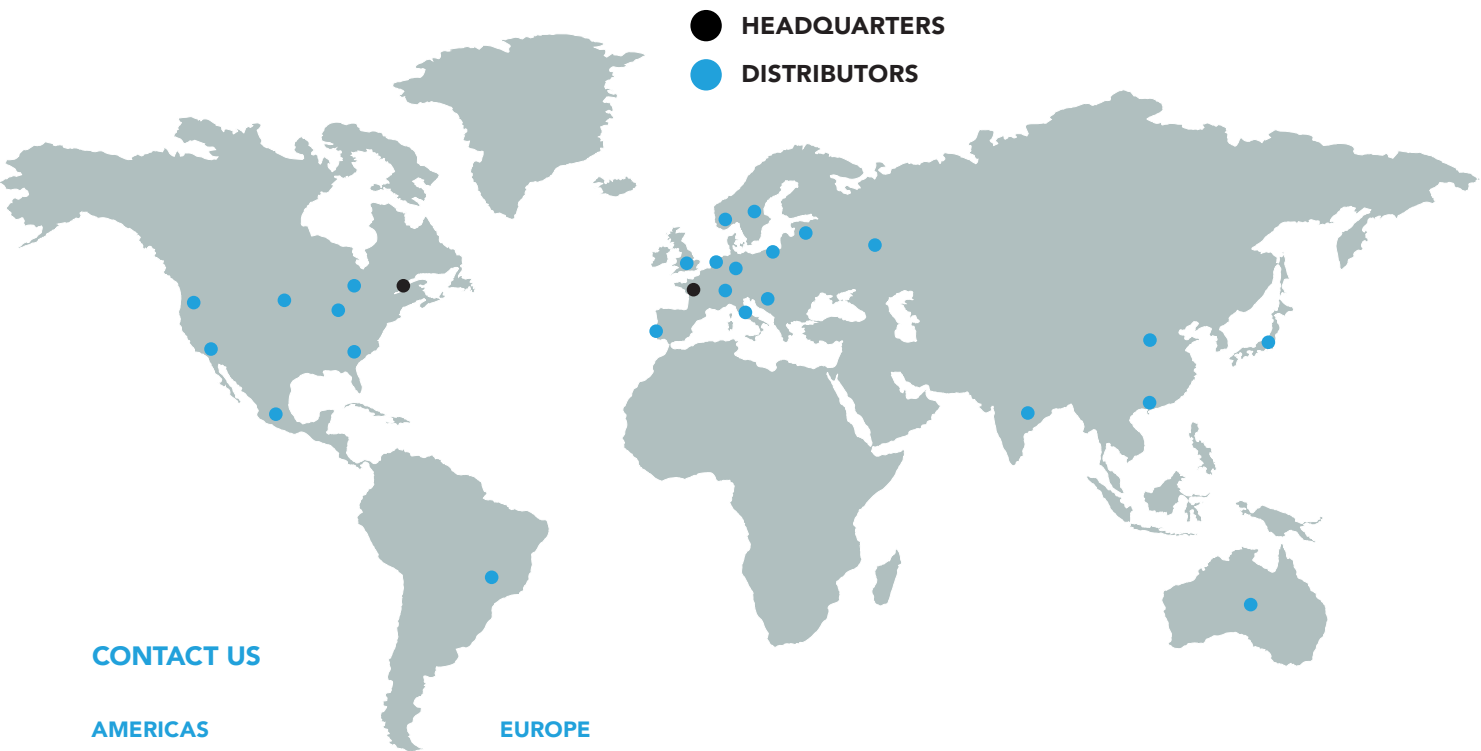
- › Collaborative Robots eBook and Comparative Chart
- › Collaborative Robot Risk Assessment, an Introduction
- › Getting Started with Collaborative Robots
- › How to Convince Your Boss to Go With Cobots
- › Collaborative Robots in Global Companies

We love writing about different aspects of robotics and automation. In fact, we've written dozens of eBooks, all available for free in our resource center.

robotiq.com/resource-center/ebooks



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