



START PRODUCTION FASTER

At Robotiq, we free human hands from repetitive tasks.

Our tools and know-how simplify collaborative robot applications so that factories can start production faster.

Robotiq works with a global network of robotics experts supporting their local manufacturers.

robotiq.com



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COMPANY PROFILE

FOUNDED

2008

HEADQUARTERS

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CO-FOUNDERS

Samuel Bouchard (CEO), Vincent Duchaine and Jean-Philippe Jobin (CTO).

SALES CHANNEL

[Global network of distributors in over 50 countries.](#)

CORE BUSINESS

Robotiq manufactures flexible robot grippers, sensors, vision systems, and programming software to make automation easy, fast, and accessible for global manufacturers and SMEs without needing extensive technical knowledge, leading to a quick ROI.

PRINCIPAL PRODUCTS

Flexible robot grippers, force torque sensors, vision systems, robot programming, and monitoring software.

PRINCIPAL FEATURES

They are easy to install and program for a Plug + Play solution; can grip parts of many different sizes; bring the senses of touch and vision to robots; introduce human-robot collaborations; and accelerate robot projects and optimize robot performance through their software applications.

MANAGEMENT



SAMUEL BOUCHARD CO-FOUNDER AND CEO

Samuel Bouchard co-founded Robotiq in 2008, and currently serves as its CEO. He is also the author of *Lean Robotics*.

This book is the result of Bouchard's decade of experience at Robotiq. The Robotiq team has helped thousands of manufacturers overcome their challenges using robots: from car- component makers to electronics contract manufacturing firms; from first-time robot users to robotics experts seeking new ways to automate; and from Fortune 500 companies to family-owned machine shops.

Under Bouchard's tenure, Robotiq has been recognized by Robotics Trends as one of the top 50 most influential companies in robotics. Bouchard holds a Ph.D. in Mechanical Engineering and a Bachelor's in Engineering Physics from Laval University.

Read more about Samuel in this [blog post](#).

Follow Samuel on [LinkedIn](#),
[Twitter @SamBouchard](#)
and [blog.robotiq.com](#).



JEAN-PHILIPPE JOBIN

CO-FOUNDER AND CTO

Jean-Philippe Jobin also co-founded Robotiq in 2008. With his strong background in engineering and arts, he combined his passions by creating new technologies.

Jean-Philippe brings an ability to connect to both engineers and clients, helping the former keep it simple so that the latter can easily use Robotiq's technology. His circus days may be behind him, but his natural agility, timing, teamwork, and creativity have stayed with him.

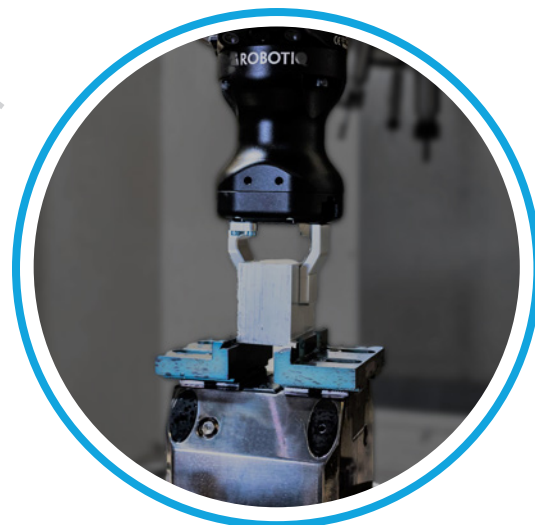
As a member of the ISO committee on robot safety, he contributes to defining the future of safety standards for collaborative robots.

Read more about Jean-Philippe in this [blog post](#).

Follow Jean-Philippe
on [LinkedIn](#)

ROBOTIQ PRODUCTS

WITH BOTH **PLUG + PLAY** AND **SOFTWARE SOLUTIONS**, ROBOTIQ AIMS TO LOWER THE BARRIERS TO ENTRY FOR **INDUSTRIAL AUTOMATION** AND ALLOW COMPANIES TO AUTOMATE IN AREAS CONSIDERED TOO COMPLEX OR COSTLY.



ROBOTIQ GRIPPERS

ADAPTIVE GRIPPERS

Our flexible robot grippers are designed to work perfectly with collaborative robots for a fast, easy, Plug + Play integration. Manufacturers eliminate changeovers by using a single programmable robot gripper to handle all their parts.

- Three high-payload and wide-stroke option
- Most popular applications: machine tending, precision assembly, pick and place, and quality testing



HAND-E



2F-85



2F-140

VACUUM GRIPPERS

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.

- User friendly interface
- Compact design
- Most popular applications: pick and place, palletizing, assembly, packaging and machine tending applications.



AIR PICK

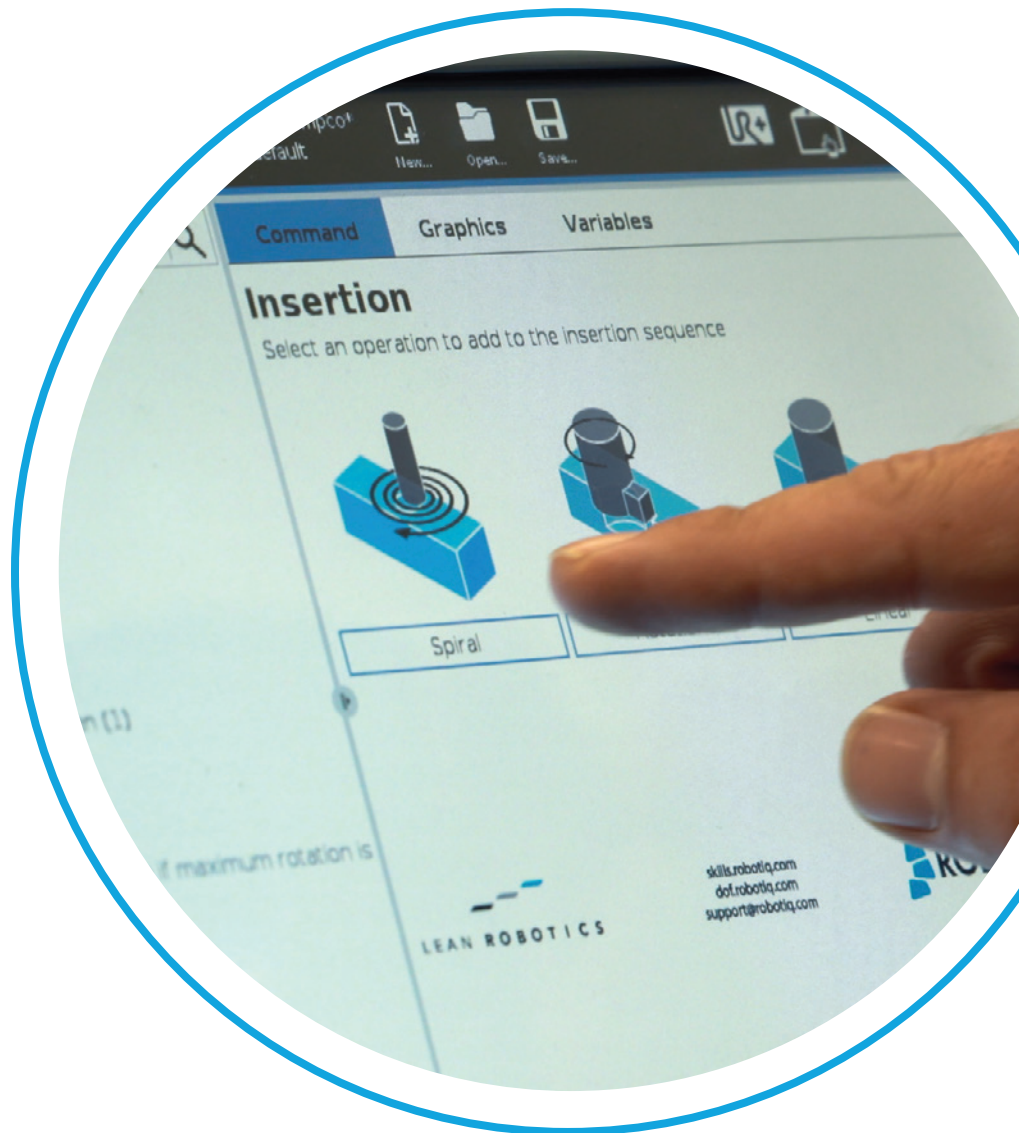


E PICK

FORCE COPILOT

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.

- **Unlocks force-sensitive applications**
- **Increases robot-cell robustness and flexibility**
- **Unleashes your force torque sensor's full potential**



FT 300 FORCE TORQUE SENSOR



The Robotiq FT 300 Force Torque Sensor unlocks force-sensitive applications on collaborative robots. It's easy to control and program and doesn't require maintenance.

- Plug + Play installation and configuration
- Includes Force Copilot
- Most popular applications: machine tending, assembly, precision part insertions, and product quality testing

WRIST CAMERA

The Robotiq Wrist Camera performs industrial applications with Universal Robots. Get to production faster by using the Wrist Camera to teach new parts quickly, detect parts and features automatically, and pick parts consistently without jigs or fixtures.

- Easily and quickly detect objects with metal, plastic and rubber surface finishes
- Teach, edit, and run directly on the teach pendant
- Accelerate cycle time by locating many parts in one snapshot
- Operate with ease, no matter your skill level



INSIGHTS

Insights software gives manufacturing engineers the right KPIs to improve product quality and increase process efficiency. Automation engineers get the data to optimize robot performance by reducing cycle time and diagnosing failures.

Production managers see the long-term trend in robot performance to improve planning and overall productivity. Insights Dashboard also shows operators robots' real-time status and sends alerts to simplify the production.

- **Monitors robot in real-time**
- **Measures robot performance over time, from minutes to years**
- **Gives access to your robot data anytime, anywhere**
- **Diagnoses cell with digital IO states and external sensor readout**



APPLICATION KITS

CNC MACHINE-TENDING KIT

CNC machining involves precisely removing material from a piece to create a part according to a CAD model. Manufacturers frequently lack skilled workers to tend their machines, which is why collaborative robots are particularly useful in machine shops. To support manufacturers, Robotiq has combined its best off-the-shelf components into an optimized kit for CNC machine-tending applications.

- **Improve cycle time with a dual Hand-E configuration**
- **Move your robot from one machine to another for a faster ROI**
- **Increase precision and reliability with Machine Tending Copilot**
- **Built for industrial applications and harsh environments**
- **Pick any part with an easy-to-use camera built for Universal Robots**



EXTERNAL TOOL FINISHING KIT

Automating finishing applications that require an external tool is tough, since the robot needs to bring the part to the process. This requires maintaining a firm grip on the part, applying consistent force and speed on the finishing tool's center point, and managing external tool wear. By combining a Hand-E Adaptive Gripper with the powerful Finishing Copilot software, the Robotiq ETF Kit offers manufacturers an easy way to automate finishing tasks.

- **Save hours of programming**
- **Compensate for external tool wear**
- **Program on an intuitive interface**
- **Operate with any expertise level**
- **Automate one of the toughest, dirtiest jobs**



ROBOTIQ SANDING KIT

The Robotiq Sanding Kit—the only complete hardware + software sanding solution for Universal Robots—increases quality and productivity while saving hours of programming time. Automate dirty and dangerous finishing tasks easily and end workers' injuries for good.

- **Built-in path generator ensures consistent force at each cycle**
- **Designed for fiberglass, plastics, carbon fiber, wood, metals and solid surfaces**

3-FINGER ADAPTIVE ROBOT GRIPPER

Compatible with all major industrial robot manufacturers, this programmable and mechanically intelligent robotic hand can manipulate a wide variety of objects. Control the force, speed, and position parameters of this robot gripper to operate in unstructured environments.

- **Most popular applications: advanced manufacturing and research and development**



CONTENT

PICTURES AND VIDEOS

- [Pictures](#)
- [Videos](#)

TOPICS WE CARE ABOUT

- Cobot integration and optimization
- Manufacturing
- Automation
- Industry trends
- Manufacturers' success stories
- Safety standards in robotics
- Cutting-edge robotic projects and research & development in robotics
- Implementation of robots in SMEs and MNCs
- The role of sensing and vision in the robotic and manufacturing industry

IN SHORT, WE CARE ABOUT CREATING AND SHARING EDUCATIONAL CONTENT FOR THE INDUSTRY!

OUR RESOURCE CENTER

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.

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OUR MOST POPULAR EBOOKS

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- [Collaborative Robot Risk Assessment, an Introduction](#)
- [Getting Started with Collaborative Robots](#)
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