

Regardless of which process you want to improve, and which robot you prefer, the One System Solution helps you automate swiftly and seamlessly.



MATERIAL HANDLING

Transferring, Sorting, Packaging, Palletizing



MACHINE TENDING

CNC, IMM, Press



MATERIAL REMOVAL

Deburring, Sanding, Polishing, Buffing



QUALITY

Measuring, Testing, Inspecting



ASSEMBLY

Inserting, Mounting, Positioning, Screwdriving, Nutdriving

CONTACT DETAILS

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One Stop Shop for Collaborative Applications

All the tools you need at
one place to automate more



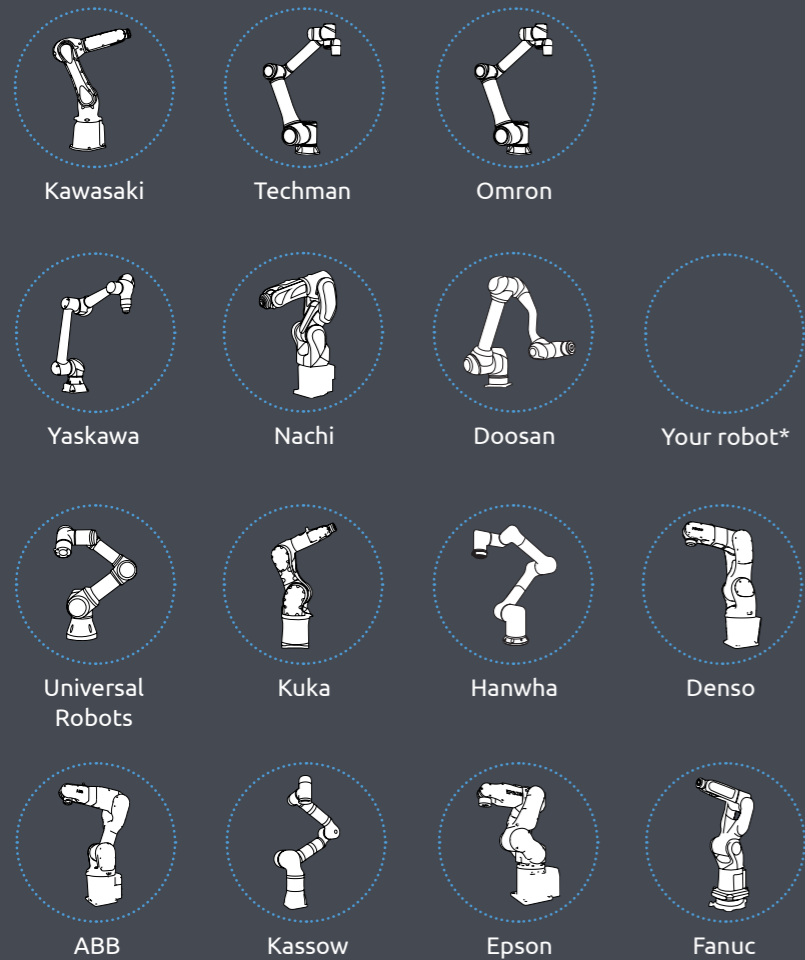
On robot





Any robot. Any application. One OnRobot system.

Save integration time and simplify deployment with our complete solution.



QUICK CHANGER



Fits all robots



DUAL QUICK CHANGER



2FG7
Parallel gripper for tight spaces and demanding payloads



MG10
Electric magnetic gripper for handling ferrous material



SOFT GRIPPER
Flexible food-grade certified gripper



RG2/RG6
Finger grippers for pick and place applications



RG2-FT
Smart gripper with proximity and force/torque sensors



VGP10 / VGC10
Electric vacuum gripper with payload up to 15kg



ONROBOT SCREWDRIVER
Complete screwdriving solution, ESD certified



3FG15
Three finger gripper for cylindrical and irregular object



VGP20
Vacuum gripper ideal for cardboard box palletizing



ONROBOT SANDER
Complete electric random orbital sander



GECKO SP
Innovative adhesive gripper requires no cables or electricity



EYES
Flexible and easy to use 2.5D vision system



HEX
High-accuracy force/torque sensor with easy programming



WebLytics
Remote production monitoring and device diagnostics software



OnRobot Palletizer
Complete, configurable, and modular palletizing solution

*If your robot arm is not represented above, contact your local partner for information on compatibility on other robot brands.



All the tools you need in one place to automate more

OnRobot's innovative solutions help small and medium business optimize processes and grown their business with greater flexibility, higher output, improved quality and fast return on investment. We help manufacturers build highly versatile automation solutions with the extensive range of OnRobot tools and software that cover all robots, all applications, and all industries.

- Save integration time and simplify deployment with the OnRobot complete solution.
- Multiply your returns with flexible automation tools that help you save operation costs and increase productivity.
- Save time and grow your business fast with the unified programming and easy deployment regardless of the robot you choose.



WEBLYTICS

- ✔ Remote production monitoring and device diagnostics software
- ✔ Monitor availability, performance, cycle quality, and incidents from all devices in the application
- ✔ Access real-time and historical OEE measures and user defined KPIs
- ✔ Factory-view dashboards provide comprehensive overview and reporting



ONROBOT PALLETIZER

- ✔ Complete, configurable, and modular palletizing solution
- ✔ Intuitive, step-by-step software requires no robot knowledge to quickly configure new tasks
- ✔ Automatic optimization of robot motions reduces cycle time and extends equipment life
- ✔ Electric solution offers fast out-of-the-box deployment



Boosting Productivity and Reducing Cycle Time with collaborative application

Australia-based Designed Mouldings is an injection moulding specialist, producing plastic caps and seals for customers in the packaging industry. The company witnessed a spike in orders during Covid-19, as border closures meant more companies were sourcing their products locally.

“From a production volume of 10,000 to 20,000 products a month, we were facing orders of 50,000 to 100,000 caps a month. Manual assembly was no longer a viable option for us,” said Paul Neumeyer, Managing Director of Designed Mouldings.

The OnRobot VGC10 electric vacuum gripper was an obvious choice for Designed Mouldings. Integrated with a Techman Robot cobot, VGC10 works as a stand-alone system and does not require extra cabling, piping or air, resulting in a collaborative application with a small footprint. This allows it to be easily moved and plugged in anywhere. Importantly, the collaborative application is able to work safely alongside employees; no safety fence is needed.

Setting up the VGC10 gripper was fairly quick. Designed Mouldings completed the installation and programming within just three to four days.

“The simplicity saves us a lot of expensive engineering hours that is usually required with typical automation projects.” Says Daniel Neumeyer, Plant Supervisor of Designed Mouldings



The shift from manual hand assembly to collaborative automation has helped Designed Mouldings shorten the production cycle time, increase productivity and maintain consistent output quality. Designed Mouldings has also seen a reduction in material waste by one to two percent, and employees are now relieved from a tedious task – allowing them to focus on higher value jobs.



“The OnRobot VGC10 gripper can easily complete a 20,000 product run in 24 hours – three times faster than if it were done manually. With a constant stream of jobs, we are expected to achieve ROI in six months,”

said Paul Neumeyer, Managing Director of Designed Mouldings

