

YASKAWA

The Yaskawa Ecosystem

Matching accessories for your application's success!

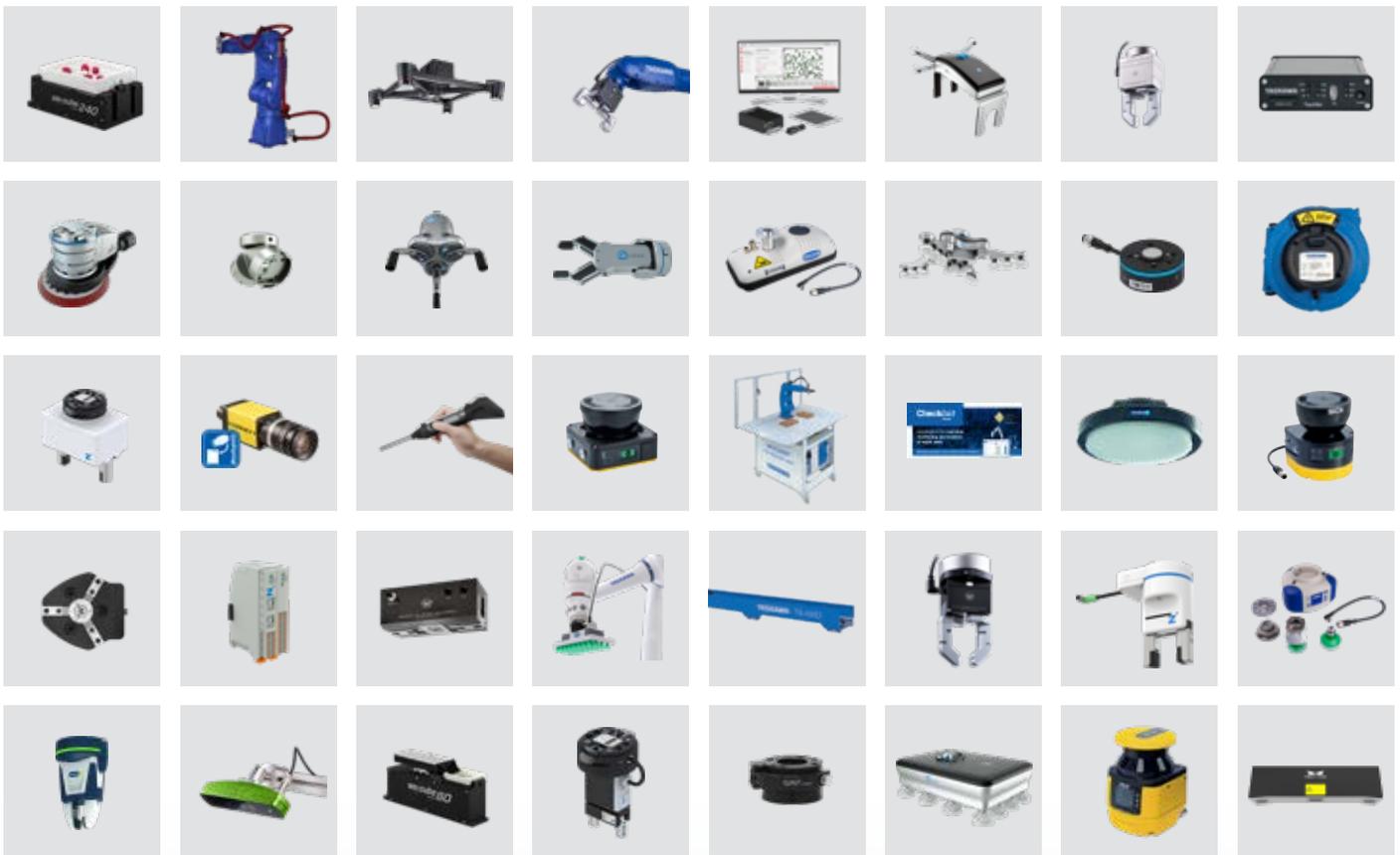


120+ partner products for numerous application requirements

- Abrasive Grinding & Polishing
- Arc Welding
- Assembly
- Bin Picking
- Case Packing

- Handling
- Machine Tending
- Material Removal
- Palletizing
- Pick & Place

- Press Tending
- Quality Inspection
- Screw Tightening
- Training



Simple Installation – Smart Pr

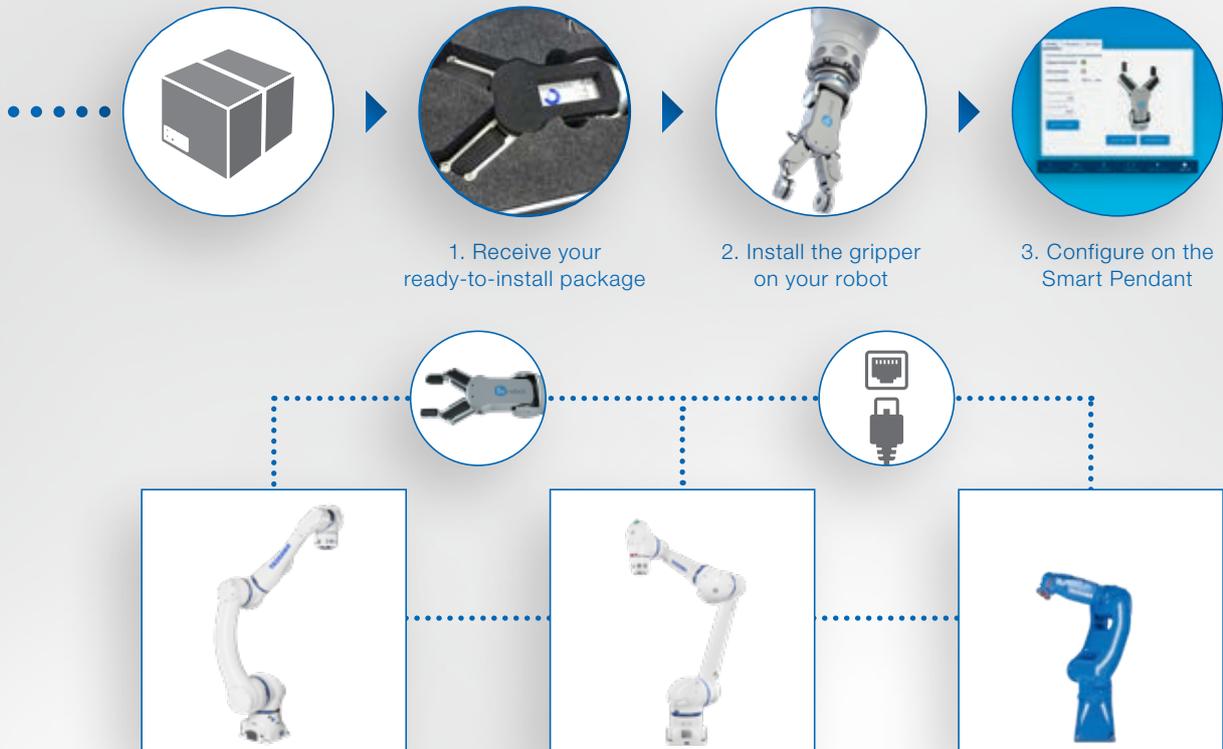
The Yaskawa Ecosystem

The Yaskawa Ecosystem provides a platform for various accessories from our longstanding partner network. From grippers and pedestals to camera systems, you will find the right accessories here for every application.

The simple connection of the Plug&Play components using configuration wizards on the Smart Pendant minimizes the setup time for new peripheral equipment.

YASKAWA
ECOSYSTEM

Plug & Play with the Ecosystem Three simple steps to get started



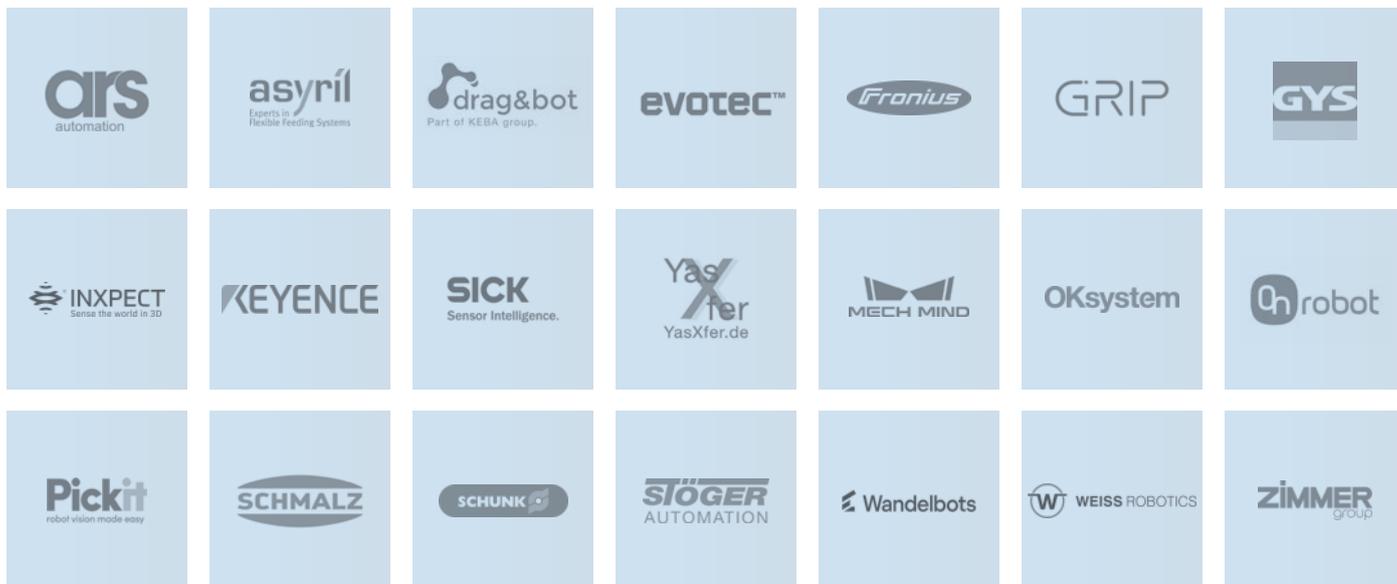
With our Ecosystem products, you receive sophisticated solutions that are coordinated with one another for a wide range of applications. In this way, you can rest assured that the components selected for your needs will be compatible with one another. The Plug&Play products also have the advantage that they are delivered as a complete package including quick-start instructions, cabling and other accessories required for integration.

Discover
all
Yaskawa
Ecosystem
products



Programming – Easy Operation

Our Ecosystem Partners



Join
our
Ecosystem!



Individual automation system

Whether you want a robot or a cobot – with the accessories from the Ecosystem and the digital expansions, you can easily put together your individual automation system.

MotoMINI



Max. payload:
0,5 kg
Repeatability:
 $\pm 0,02$ mm
Max. working range R:
350 mm
Weight of the Robot:
7 kg

GP4 (GP Series)



Max. payload:
4 kg
Repeatability:
 $\pm 0,01$ mm
Max. working range R:
550 mm
Weight of the Robot:
28 kg

GP7 (GP Series)



Max. payload:
7 kg
Repeatability:
 $\pm 0,01$ mm
Max. working range R:
927 mm
Weight of the Robot:
37 kg

GP8 (GP Series)



Max. payload:
8 kg
Repeatability:
 $\pm 0,01$ mm
Max. working range R:
727 mm
Weight of the Robot:
35 kg

GP12 (GP Series)



Max. payload:
12 kg
Repeatability:
 $\pm 0,02$ mm
Max. working range R:
1.440 mm
Weight of the Robot:
150 kg

HC10DTP Classic (HC Series)



Max. payload:
10 kg
Repeatability:
 $\pm 0,05$ mm
Max. working range R:
1.379 mm
Weight of the Robot:
48 kg

HC10DTP (HC Series)



Max. payload:
10 kg
Repeatability:
 $\pm 0,05$ mm
Max. working range R:
1.379 mm
Weight of the Robot:
58 kg

HC10DTP (HC Series)



Max. payload:
10 kg
Repeatability:
 $\pm 0,05$ mm
Max. working range R:
1.379 mm
Weight of the Robot:
58 kg

HC20DTP (HC Series)



Max. payload:
20 kg
Repeatability:
 $\pm 0,05$ mm
Max. working range R:
1.900 mm
Weight of the Robot:
140 kg

Find your Ecosystem Robot!

You have a task that requires a robot?
Find out what robot and what
programming method best suit
your application.



Automation without a safety fence – with cobots or industrial robots

As you enter the world of robotic automation, innovative programming methods, Plug&Play components and the possibility of operating cobots (collaborative robots) without a safety fence open up new potential for the automation: for example, fast installation times or steep learning curves.



In addition to the cobot or industrial robot, a robotic cell needs the corresponding peripheral equipment, such as grippers, camera systems or pedestals. Large and complex systems primarily require the design of special grippers in order to master the specific handling task.

Due to the standardized flange, the mechanical connection can be carried out within minutes. For the software interfacing, ready-made programs are provided online and can be installed using a USB stick, similar to the installation of a new program on a PC. The final configuration, operator control and integration of the gripper into the robot program are also carried out using wizards.

The advantages of the Yaskawa Ecosystem



Easy installation

With a wide range of grippers, peripheral devices and other accessories available from our technology partners, adaptation of the Yaskawa Ecosystem robots to changing manufacturing requirements is simple, and they can easily be deployed for the next task and reused.



Smart programming

In order to make the wide-ranging applications and functions in the Yaskawa Ecosystem as user-friendly as possible, programming is carried out on our Smart Pendant with the Smart Frame function or using our traditional programming pendant.



Easy operation

For the software interfacing, ready-made programs are provided online and can be installed using a USB stick. The final configuration, operator control and integration of the gripper into the robot program are carried out using wizards.



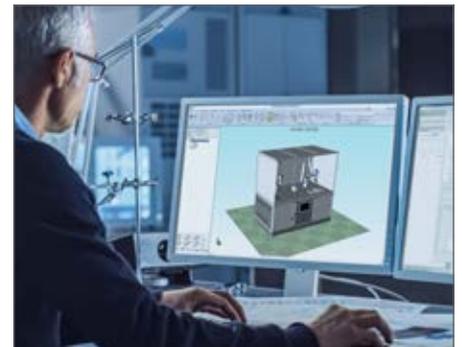
100% industrial

And yet for all the simplification, our robots do not lose their 100% industrial functionality. All our robots are controlled using our compact but powerful YRC1000 or YRC1000micro controller.



Robot or cobot?

Irrespective of whether you are looking for an industrial robot that performs its tasks independently or a cobot that can cooperate with human workers – you will always find the right robot in the Yaskawa portfolio. And the best thing is: operator control remains the same. Both the programming pendant and the Smart Pendant can be used in either case.



Quick changeover

Should you wish to automate further work areas in the future, you can choose between cobots and robots at any time. You can apply the know-how you have already acquired to both systems.

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All drawing dimensions in mm.
Technical data may be subject to change without previous notice.
Please request detailed drawings at robotics@yaskawa.eu.

Ecosystem
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