FLEXLINK®
a coesia company

Collaborative Palletizers - RC Series

RC12 & RC20: Scalable solutions for modern end-of-line automation

FlexLink's RC12 and the new RC20 are **certified, standardized collaborative palletizing cells** engineered to make end-of-line automation **safe, fast, and compact,** while remaining exceptionally easy to use and relocate. Both units are having the same and **unique safety architecture**, allowing operators to **pass very close to the palletizer without stopping or reducing the speed of the palletizer**, as opposite to when using traditional safety systems like scanners or fences.
The RC12 offers **high speed and ease of use** for lighter loads, and the RC20 expands the range with **higher payload capability and speed,** both delivering the same intuitive operation, efficient installation, and global compliance across a broader set of applications. Both systems are engineered with **future regulatory developments in mind,** ensuring long-term operational confidence.

RC12 – Collaborative Palletizer

The RC12 is FlexLink's proven, **standardized collaborative palletizer** designed to be **fast, safe, and extremely easy to use.** Built on FlexLink's proven approach with its **integrated safety** features, it lets operators **work safely very close to the machine** while keeping the **throughput high**, without the need of fences or safety scanners, and keeping the possibility to relocate easily.

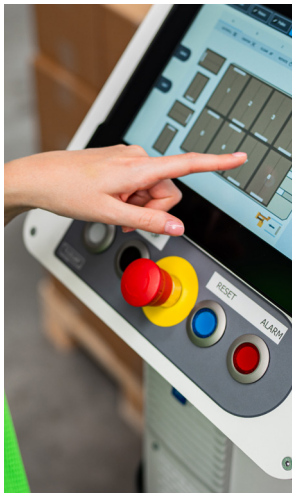
RC20 – Collaborative Palletizer

The RC20 expands FlexLink's collaborative palletizing portfolio with a **higher payload range,** enabling the palletization of **heavier boxes and higher throughput,** bridging the gap between lightweight collaborative and larger industrial palletizers, with the advantage of a **uniquely compact footprint.** It comes with the proven software package making it extremely easy to use and enable anyone to **achieve complex operation without any need for robotic expertise**.

Very compact operational footprint while being safe

Peak efficiency without robotic expertise, thanks to intuitive software

Easy to integrate and relocate for a flexible production planning



Benefits

- **Standardized and open for customization:** The standardized base is designed for easy customization, allowing our RC series to be adapted to specific project requirements with minimal effort.
- **Unmatched safety, high throughput, and a compact operational footprint:** Our RC range is the safest of its kind available on the market, with advanced safety mechanisms that protect operators while maintaining high throughput, even when the operator is close by. No need for safety scanners or fences which keeps slowing your production down.
- **Easy and trouble free pallet configuration with Robot Config:** An intuitive, user-friendly interface, combined with a **virtual robot movement simulator** for instant pallet pattern validation, makes it easy to operate and minimizes downtime.

Key features

	RC12	RC20
Payload	Up to 10 kg	Up to 17 kg
Throughput	Up to 8 PPM (14 PPM with double-pick)	Up to 7 PPM (12 PPM with double-pick)
Max pallet height	Up to 2040 mm	Up to 2350 mm
Robot Arm	Omron TM12-S collaborative arm	Fanuc CRX20 collaborative arm
Machine footptint conveyor excluded	1.8 x 2.2 m	2.1 x 2.2 m
Safety Concept	Certified collaborative design, no fencing or safety scanner needed	
Product size	From 150 x 150 x 100 mm to 600 x 400 x 500 mm	
Software	Robot Config — intuitive pattern creation in minutes with assistance in pallet pattern design and robot movement simulations, to eliminate the need of dry runs.	
Customization	Highly customizable base, grippers, scanners, pedestals, interlayers, easy programming with PLC, etc.	

Box weight, size, palletizing speed and pallet height needs to be confirmed for each application.

Standard options

- Gripper: Single-pick or double-pick, safety enhanced
- Fixed and electrical pedestal options
- Palletizing and depalletizing modes
- Maintenance and emergency kits
- Remote assistance
- Docking station

Customization examples

- Custom gripper
- Reject stations
- QR/bar codes reading
- Rigid or flexible interlayers magazine, etc.
- Pallet verification camera

Certification

- Certification: CE certified, UL compliant

FlexLink AB
Byfogdegatan 11
415 50 Gothenburg
Sweden
www.flexlink.com

FLEXLINK®
a **coesia** company

©FlexLink 5971 EN 2026-06