

## RC12, RC14 – Collaborative Robot Palletisers



### Benefits

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| <ul style="list-style-type: none"> <li>› Modular, easy to move</li> <li>› Collaborative and continuous operations</li> <li>› No fence system needed</li> </ul> | <ul style="list-style-type: none"> <li>› Fast ROI and low operating cost</li> <li>› Easy to install and configure</li> <li>› Easy line design and simulation</li> </ul> |
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The advanced palletising cells from FlexLink are designed to cooperate safely with co-workers in a production or logistics environment. They are compact, quick to install and easy to configure. The use of a collaborative robot significantly reduces the footprint, by over 50% compared to cells with industrial robots.

A fence system or cage is not needed and operators can safely work side by-side with the robot.

The operating cost is low, with a two-in-one power supply of 110 V and 230 V. An internal vacuum pump is included which makes it possible to effortlessly move the palletising cell. No external air supply is needed.

The smart design with quick connectors contributes to a fast and easy installation in only a few hours. A tablet application with intuitive interface ensures easy layer configuration, without any need for complicated robot programming.

Technical specification	Options
<ul style="list-style-type: none"> <li>› Single-pick or multi-pick vacuum gripper</li> <li>› Adjustable in-feed conveyor height</li> <li>› Control cabinet with single phase</li> <li>› 110 / 230 VAC power supply</li> <li>› Integrated vacuum generation</li> <li>› Quick relocation with docking station</li> <li>› Easy pallet pattern generation with intuitive tablet application</li> <li>› Productivity: 0.95 FTE / cell / shift</li> </ul>	<ul style="list-style-type: none"> <li>› Capacity up to 8 or</li> <li>› 14 parts per minute (PPM)*</li> <li>› Box weight up to 10 or 12 kg***</li> <li>› Box size from 150×150×100 up</li> <li>› to 400×400×400 mm*** and 600×400×500 mm**</li> <li>› Pallet height up to 2050 mm** or 1500 mm***</li> <li>› Selectable conveyor lengths: 1.5, 2.1 or 2.7 m</li> <li>› Footprint less than 10 m<sup>2</sup></li> <li>› Automatic rigid or flexible interlayer</li> </ul> <p style="margin-top: 20px;">*Depends on the gripper type **with TM12 robot ***with TM14 robot</p>

## Standard configurations

### Single infeed



Left



Center left



Center right



Right

