



Ensuring global productivity

ROBOTIC DEPALLETIZER | RODE TECHNICAL SPECIFICATIONS



Mixed products & cases



Proven solution through
experience



Picking multiple items
per cycle



Carefree business
continuity

*AWL's **robotic depalletizer (RODE)** keeps your operations run smoothly. With its high tech gripper & AI based vision technology, mixed products & cases are handled careful and accurate, freeing up employees to do other, more varied tasks.*

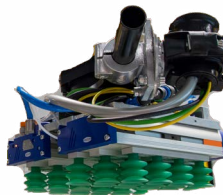
Handling

Fanuc R2000iC/125L

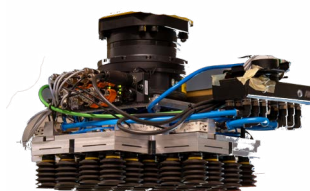


Gripper

RODE standard



RODE 12v4



Of course, RODE can also be modularly designed on your demand. Curious how?

ASK ONE OF OUR COLLEAGUES

RODE 12v4 is a modular gripper and a result of one of our collaborations. It is THE gripper for **faster depalletizing!** It takes care of trash items like empty trays and slip sheets. It can pick up multiple items per cycle and irregular shaped goods.



SEE RODE IN ACTION

at DHL

Performance

Mixed case: 600-800 pph
Single case: 1000-1200 pph

Parcel weight category

0-31.5 kg (0-66 lbs)

Parcel size category

800x600x600 mm (32x24x24 inch)

Bigger size possible with modular design

Vision

RODE comes with AI based vision technology that fits the solution best.

Infeed

Pallet conveyor, manual

Outfeed

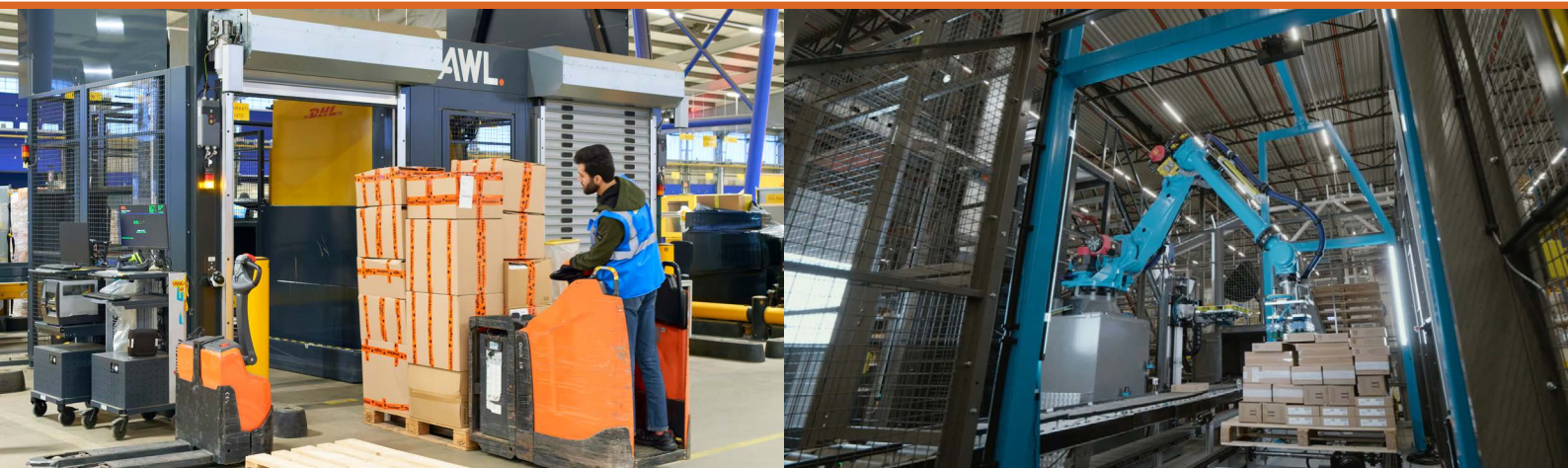
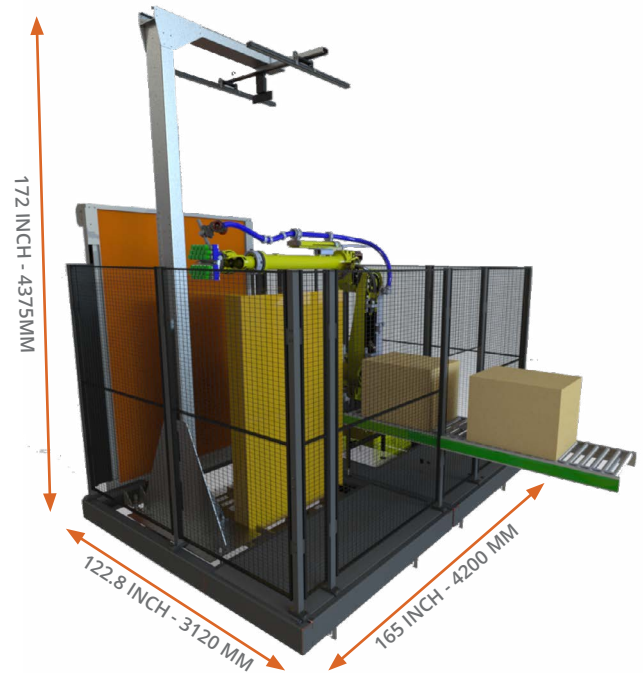
Conveyor

Relevant for markets like...

...Retail & E-commerce, Parcel & Post Distribution, Groceries, 3PL, and Warehousing.

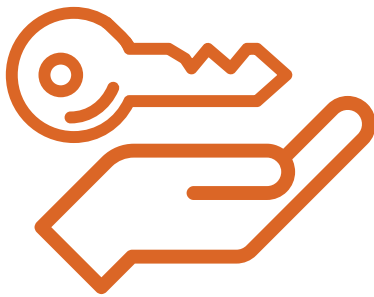
Minimal footprint

The height may differ depending on demand



SEE RODE IN ACTION

at Arvato



KEY FEATURES

There are multiple key features available for RODE. These keyfeatures can be added to make the solution more viable for your operation.

So what can RODE do for your operation?

RODE...

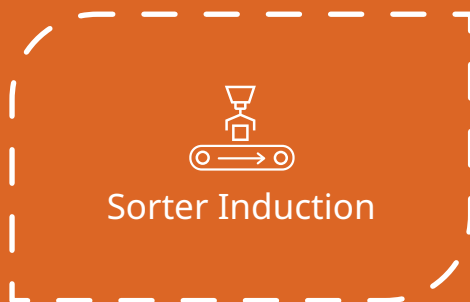
- ... handles **mixed cased & sized** items
- ... **multipicks** several items per cycle
- ... **removes trash items** like empty trays and slip sheets
- ... **weighs** single items during picks
- ... **reads barcodes**
- ... **recognizes dangerous goods** through their label
- ... **reorients** items as needed
- ... **lables** items.

RODE is **easy to use**

INTERESTED IN FREE CONSULTATION?

Request now!

Our other robotic solutions that can help your operation.



AWL GROUP

Netherlands	AWL - Techniek B.V. (HQ) MechDes Engineering TT-Engineering
United States	AWL Automation LLC
Czech Republic	AWL-Techniek CZ s.r.o.
Mexico	AWL Automation S. de R.L. de C.V.
China	AWL Automation Welding and Cutting equipment
United Kingdom	AWL UK LTD

