



99.7%

out-of-the-box  
production proven  
success rate



**Universal Depalletizer**

**Photoneo Depal**

Smart automation for your warehouse

# Universal depalletization solution that works out-of-the-box

## Key benefits

### Going fast, real fast

We can effectively depalletize the entire pallet of up to 1000 boxes in 1 hour

### One gripper to rule them all

In house developed universal gripper for any type of boxes included

### Heavy duty without risk of injuries

The robot does not get tired, can work constantly and picks boxes with weight of up to 50 kilograms & dangerfree

### Reduction of operational costs

All you need to worry about is whether there will be enough boxes to be picked & solution does the rest

### Consistency

We guarantee more than 99.7 % pick rate achieved over the implementation. The remaining small 0.3% are diminished over time thanks to the machine learning algorithm that recognizes uncharacteristic boxes and learns how to pick them.

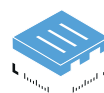
## Machine Learning



**Boxes do not need to be stacked in patterns**



**Tested and learned more than 5000 types of boxes**



**Works with various shapes & sizes of pallets**



**Recognizes & learns previously "unseen" boxes**

## Data Sheet

<b>Pallet Dimensions</b>	Up to 1.2 x 1 x 2.2m
<b>Min-Max Box Dimensions</b>	10 x 10 x 10cm -- 60 x 60 x 60cm (or custom)
<b>Min-Max Box Weight</b>	0.1 – 25kg
<b>Cycle Time</b>	Up to 1000 boxes per hour
<b>Supported Robot Brands</b>	ABB, Fanuc, Yaskawa & other robotic brands on request
<b>Including</b>	3D Scanner, Processing Unit, Gripper
<b>Depth of field</b>	up to 2,5m

## Sales

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