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.
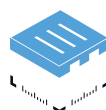
Machine Learning

Boxes do not need to be stacked in patterns

Tested and learned more than 5000 types of boxes

Works with various shapes & sizes of palettes

Recognizes & learns previously "unseen" boxes

Data Sheet

Pallet Dimensions	Up to 1.2 x 1 x 2.5 m
Min-Max Box Dimensions	10 x 10 x 10 cm – 60 x 60 x 60 cm (or custom)
Min-Max Box Weight	0.1 – 25 kg
Cycle Time	Up to 1000 boxes per hour
Supported Robot Brands	ABB, Fanuc, Yaskawa & other robotic brands on request
Including	3D Scanner, Processing Unit, Gripper
Height of the pallet	Up to 2,5 m

Sales

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