



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

Pallet Dimensions	Up to 1.2 x 1 x 2.2m
Min-Max Box Dimensions	10 x 10 x 10cm -- 60 x 60 x 60cm (or custom)
Min-Max Box Weight	0.1 – 25kg
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
Depth of field	up to 2,5m

Sales

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