

PRODUCT SHEET

thtRobotics Noyce - Robotic System for Adaptive Bin Picking

DESCRIPTION

Noyce is an adaptive single-item piece-picking automation solution that brings automation to factories and fulfilment facilities that currently have little to no automation. Designed for dependable and frictionless order fulfilment, our one-of-a-kind adaptive gripper solution coupled with our AI computer vision system is pioneering new verticals in fulfilment.

Food & Beverage, Pharma, Agriculture, Automotive, and others, are the industries where Noyce has been a game changer, tested with thousands of SKUs.

TECHNICAL DATA

Information	Details
SKU eligibility	Thousands of diverse SKUs, including fresh foods, packaged goods, cans, jars, cartons, dressings, sauces, bags, etc.
Picking & Packing	Capable of both picking and packing of various goods, including food, pharma, etc.
Source Type	Capable of picking from crates/totes of any size and shape
Destination Type	Capable of packing into boxes and bags of various shapes and sizes
Picking Cycle Time	600+ picks per hour *(varies per industry)
SmartBox/Bag packing	AI SmartBox/Bag packing system for optimal box and bag fill rate, based on individual items shapes and sizes
Integrations	Full integration with WMS, WMC, ERP, CRM of choice

QUICK FACTS

- Our adaptive gripper can pick out single items from cluttered spaces with ease (a single tomato from a pile of tomatoes? Yes please.)
- Our AI computer vision system can recognize a wide range of SKUs without the need for any CAD models.
- We program our own robot movements. This means that no application is impossible or task too complex.

FEATURES

- ✓ Handling of hundreds of thousands of SKUs, adaptively.
- ✓ No CAD model picking for AI computer vision.
- ✓ 0 coding requirements for robot deployment.
- ✓ One solution fits-all, frictionless integration to most WMS systems.
- ✓ RaaS business model with 0 CAPEX available.



The Human Touch Robotics
Adaptive Automation. Made Simple.

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