PRODUCT SHEET

thtRobotics Noyce – Robotic System for Adaptive Bin Picking

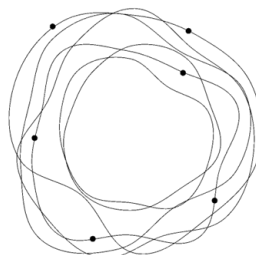THE HUMAN TOUCH ROBOTICS

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 packing	AI SmartBox packing system for optimal box fill rate, based on individual items shapes and sizes
Integrations	Full integration with WMS, WMC, ERP, CRM of choice

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.

QUICK FACTS

- Our adaptive gripper can pick out single items from cluttered spaces with ease (a single raspberry from a pile of raspberries? 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.