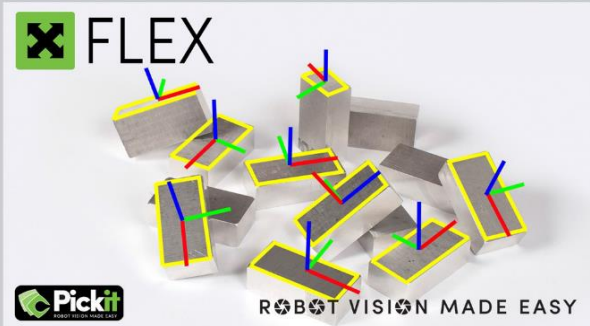


ROBOT VISION MADE EASY

Do you want an easy solution to solve your Pick&Place automation problems?



The FLEX engine finds geometric shapes (cylinders, boxes, planes, circles,...).

The operator can choose a shape and set a range of sizes that need to be picked.

The advantages of the FLEX engine are
> handles a variety of sizes without re-programming
> can handle reflective or dark parts



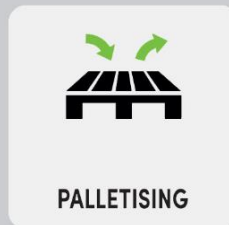
The TEACH engine handles complex 3D shapes (axles, bearings, machine parts, ...)

The operator simply takes a 3D picture of the product with the Pick-it camera.

The advantages of the TEACH are
> very easy to teach a new product
> works well with complex 3D shapes
> no need for a CAD model



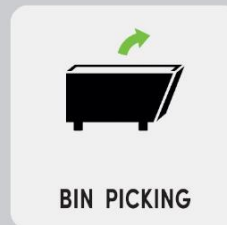
MACHINE TENDING



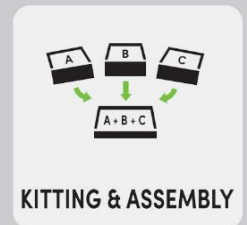
PALLETISING



ORDER PICKING



BIN PICKING



KITTING & ASSEMBLY

Pick-it™ is the 3D robot vision solution that guides your robot to pick and place a wide range of products from bins, trays, pallets, conveyors.



Pickit
ROBOT VISION MADE EASY

ESPS
HANDS-ON ROBOTIMATION

What we do

We make 3D robot vision EASY

Thanks to our Pick-it 3D camera and vision software, robotic picking becomes easy. Pick-it is a standard vision solution that does not require expensive vision consulting. You can set-up the system and define new products yourself with no need for a CAD model.

Pick-it system solution

Pick-it is an out-of-the box 3D robot vision solution for a fixed price.

The Pick-it™ solution package is plug-and-play:

- > the 3D camera
- > the Pick-it industrial processor
- > the 3D vision software
- > all the tools for robot-camera calibration
- > easy region-of-interest teaching.

Applications include

- > Machine tending picking from bins and conveyors
- > Kitting and assembly from multiple bins
- > Order picking from pallets, shelves, trays
- > De-palletising
- > Conveyor handling

Advantages

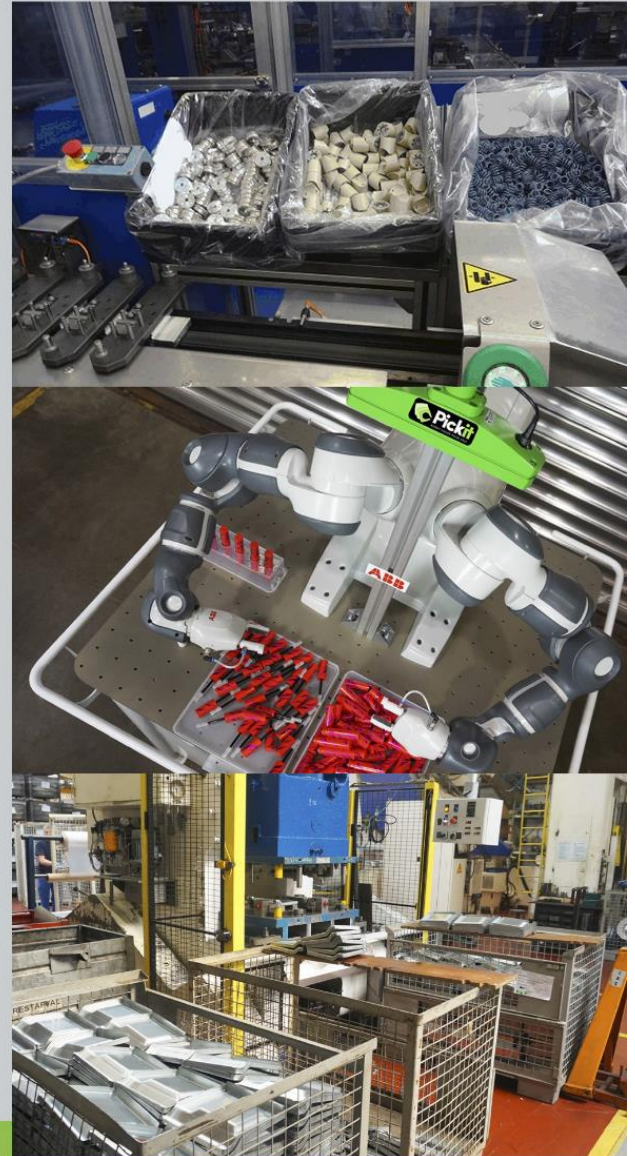
Pick-it™ has been created for robot application developers and system integrators. It does not require extensive training and can be operated by non-vision experts.

- > finds products of varying sizes and shapes
- > all colors matte and gloss
- > all materials metal, plastic, wood, food, ...
- > works even in changing and poor light conditions
- > no need for extra lights
- > easy set-up and calibration
- > fastest payback in the robot vision industry

Robots

Pick-it™ integrates standard with the major robots

- > ABB, FANUC, KUKA, UR Universal Robots, Staubli



Your partner

We and our Partners are committed to deliver 3D robot vision solutions that fit into your process in an easy manner. Contact us to evaluate how we can help you to automate your robotic ambition.



www.esps.nl | ESPS | Einsteinstraat 16 - 7601 PR Almelo | +31 546 805 550



www.pickit3d.com

[FREE DEMO](#)

ROBOT VISION MADE EASY

www.pickit3d.com | Gaston Geenslaan 9 Gebouw B2 - 3001 Leuven | +32 473 17 02 40