


hooray!

Kamido, the bulk picking solution

Discover the robot which learns by itself!

Kamido
by siléane



The Kamido robot, made for picking random objects, adapts its gestures to an infinite number of positions!



Stacked, tangled, diverse products... even with only partial visibility Kamido identifies and picks your loose products, and those in piles or containers. At each picking when these products move the Siléane Reflex technology enables the robot to follow their new positions in real time.




Siléane, a reference in terms of Robotics and Vision, has invented the Adaptive Robotics concept, the ideal answer for products with random shapes and behaviour.

Kamido, the compact robot for industrial bin picking.

Bin picking, bulk picking, distribution, machine loading, sorting, and picking... Wherever you need to bin pick piles of objects in containers, boxes or flows, Kamido is scalable depending on the size of your products and your application environment. Amongst other things this makes a maximum reduction in its space requirements possible.



How does it work? What bulk thickness and what rate?



Kamido is a robot with several hands, fitted with Siléane Reflex 3D technology. Kamido works easily on different bulk thicknesses up to 600 mm as standard, and determines the best product to extract during the procedure in real time. For example, for light, fairly thin loose products in an almost flat pile, Kamido is able to reach rates higher than 100 strokes a minute with the Delta arms.

Kamido learns all by itself!

Above all Kamido does not need geometric models or CAD, or outside assistance to deal with your diverse products. It is also to select the best gripping tool and decide by itself if the product should be extracted with a suction cup or forceps and in what direction.

Numerous applications in both production and logistics.

Bin picking, distribution, sorting.

Kamido is ideal for loading your machines from bulk, whether it is partially spread out on a conveyor or directly in piles in a container.

As a flexible system for bulk picking, Kamido is therefore a real alternative to traditional distribution systems. It cleverly replaces or lightens mechanisation such as vibratory systems or bowls, cascade conveyors... often devoted to a single product type and relatively complex to develop.

Picking, order preparation.

Kamido is also an invaluable ally for your order preparation processes. It can pick your various objects in bulk into as many boxes and gravity racks as necessary to make up your shipping batches automatically.



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