

INDIVIDUAL PACKAGING PROCESS SOLUTION



ROBOTIC SYSTEM
for picking and placing plate-like products in
stacks of a set weight and quantity



WATCH
THE VIDEO :)

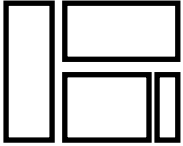


*I cannot say whether things will get better if we change;
what I can say is that they must change if they are to get better."*

Georg Lichtenberg, scientist, philosopher and publicist

4-The Fourth Industrial Revolution, which is happening in the world right now, leads toward the liberation of the human from routine manual work and toward the increased competitiveness. Helping our customers to keep up with time, we suggest making a transition to Industry 4.0 and to the unmanned production based on our solutions. We would like to introduce one of our solutions:

ROBOTIC SYSTEM FOR PICKING AND PLACING PLATE-LIKE PRODUCTS IN STACKS OF A SET WEIGHT AND QUANTITY



DESIGNATION

This robotic system is designed for **pick & place operations** to form stacks of **plate-like products made from various materials**, for example plate-like chips, crispbreads, cookies.



OPERATION SPEED

The operation speed is **up to 3 pick & place operations per second** depending on the type of the product.



QUALITY INSPECTION

Visual inspection (shape and color) of each product is carried out by machine vision. Bad products are omitted by the robot and are directed into the special place for rejections.



PACKAGING OPTIONS

This robotic system can **form stacks in three ways**: (1) by the quantity of plate-like products in a stack, (2) upon reaching the specified weight in the stack or (3) by the quantity of plate-like products per stack with simultaneous weight check.



ADDITIONAL OPTIONS

If the formed stacks need to be placed into an individual packaging or packaging machine, an additional robot shall be used.



MATERIAL USED AND IP CLASS

Robotic system material is **stainless or painted steel**. Degree of protection is up to IP69k. For food handling food grade material is used.



OPERATION CONDITIONS

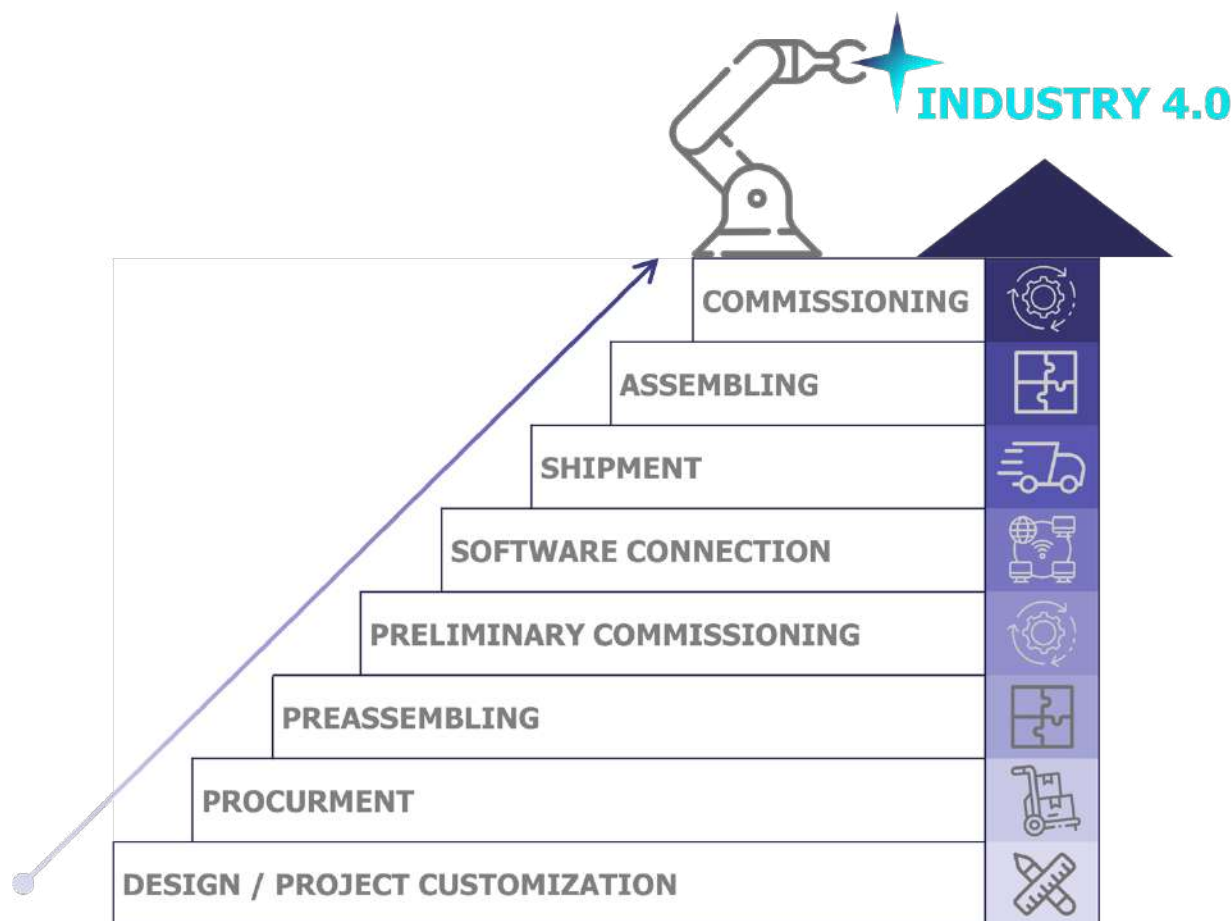
The gripper of the robot is **resistant to dirt, suspensions, dust, crumbs** and **does not require perfect evenness and smoothness** of the plate-like products.

HOW WE ARE WORKING

The business model of our company supposes manufacturing to order. Describe your task to us, and we will find the best solution for you, present it to you and adjust the solution according to your requirements.

THE FULL MANUFACTURING CYCLE WILL LAST 4,5-12 MONTHS*.

**The exact duration depends on the complexity of the solution designed for You.*



AFTER COMMISSIONING WE PROPOSE FOLLOWING SERVICES:



STAFF TRAINING

We will provide you with the detailed instructions on the warehouse functioning. We will also support your specialists in their operations during the pre-defined period of time.



SERVICE

If there are technical problems, our team will efficiently help you fix them.



REMOTE SUPPORT

You can get prompt advice on warehouse operations at any time.

Please contact us by email or phone if you would like to receive more details on the automatic warehouse system:

**Tel.: +37067035785
E-mail: info@euroec.lt**

Please use the QR code below to know more on other solutions in the area of automation that we developed:



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