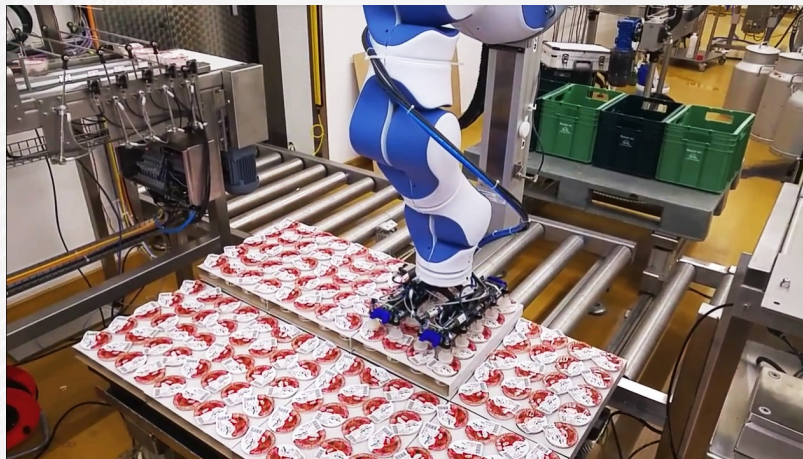


Packaging of bio-dairy products

Automation of the packaging process of yoghurt glasses guaranteeing intrinsic protection for employees and higher levels of productivity, while fulfilling the pureness requirements of the food industry.



Challenge

The already existing production line with conveyor belt delivers the yogurt glasses one by one. These will be assembled and put in boxes. The whole packaging process of the yoghurt glasses should be automated by P-Rob.

Mobile fully automated solution combined with a complex and high frequency manipulation

The robot, after unfolding a cardboard box, picks up 20 cups at a time with an application specific vacuum gripper and places them into the box. The control system allows to steer also the peripheral devices such as linear axes and conveyor belt. Thanks to the integrated control electronic dislocated on each joint, no separate control box is required.

Company Profile

Natürli Zürioberland AG is a swiss dairy producer. Pro Zürcher Berggebiet (PZB) promotes the regional marketing project milk and cheese specialties from the Zurich Mountain areas. 18 commercial dairies process milk from currently 180 farms from the region to Natürli products which include all kinds of Swiss cheese and yoghurts.