



N O R D B O
R O B O T I C S

Mimic School Package
Everyone can program a robot



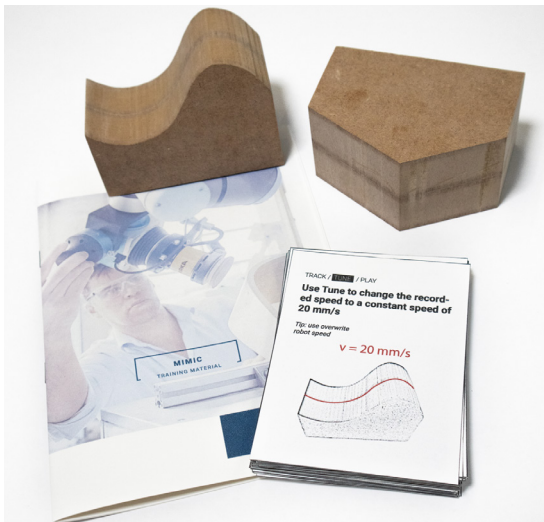
The Mimic school package that introduces students to the world of automation

Mimic is a software platform that enables automation of surface treatment applications such as sanding, grinding, and polishing. By automating these processes craftsmen can improve the quality of the surface treatment by making use of the robot's precision and use the robot to do repetitive work, found in for example mass production. The Mimic school package includes tasks to maximise students' understanding of automating these processes in a fun and approachable way. Through different exercises, the students learn how to program a robot and use the robot's precision to finetune movements. This allows the students to grow their computational skills and prepares them for the future of automation.



Learning through hands-on activities

The Mimic school package offers hands-on learning activities that provide them from a first-hand experience of controlling a robot, and aims to foster students' logical thinking, computational thinking and problem solving skills. The shapes and exercise cards help the students to expand their mathematical understanding of shapes, planes and coordinate systems. It further allows students to get hands-on experience with programming robotic movements and see its applications in real-life.

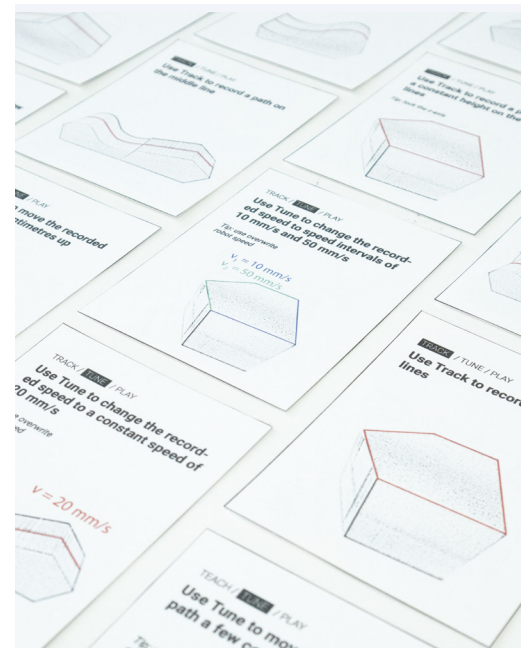


Easy to integrate in the classroom

Mimic is easy to use as you can teach the robot how to do movements through demonstration of hand-movements. To make it even easier for students to understand, the school package includes shapes and exercise cards that guide the students through recording a path and the different functions to tune the position, speed and force.

Approachable for all students

The exercise cards and shapes provide different levels of complexity. The package includes some easy exercises and shapes to get all students started with Mimic. The exercises difficulty can be easily increased by changing the shapes and exercise cards. The Mimic school package comes in three levels: beginner, intermediate and advanced. This makes it approachable and fun for all students to participate and get engaged with learning Mimic.



Make students well equipped in robotics

The Mimic school package provides students with a hands-on experience with Mimic to automate surface treatment applications. This prepares the students to use robots and automation in their future career, where it is very likely that many processes are automated due to a lack of workforce and to minimise repetitive and hard labour. The fun exercises and getting a hands-on experience with Mimic can moreover increase their interest in automation and robotics.

The Mimic school package includes:

4 Objects



50+ exercise cards

An educator's guide