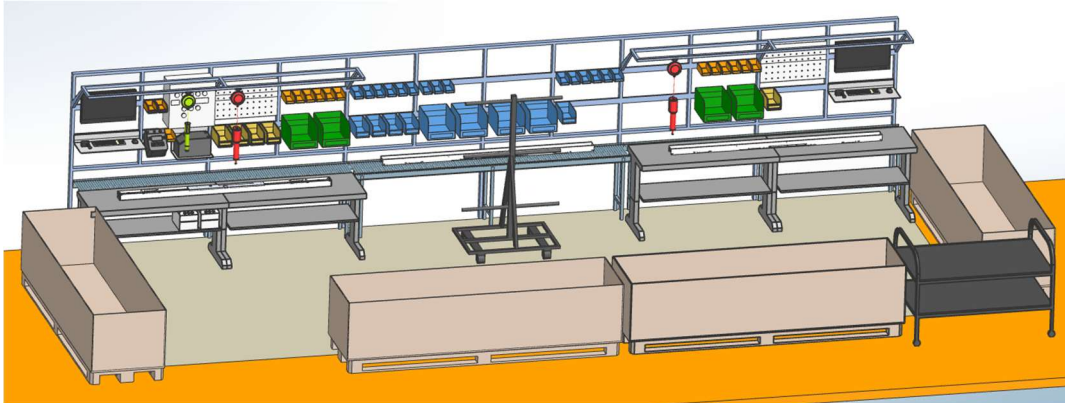


14.10 Abstract

Creating a concept for a new assembly line



Student	Andreas Zürcher, Fabio Borghi
Expert	Phillipe Distel
Lecturer	Urs Schild
Client	Greenled OY, Reima Ollila
Field of study	mechanical engineering, construction/production technique
Final year	2022
Initial situation	The already existing assembly lines of Greenled OY are not suitable for the assembly of Phi products. They are not ergonomic and inefficient, therefore not suitable for the assembly of Phi products.
Task/goal	A new assembly line is to be designed for the assembly of Phi products. Based on analyses of the work steps and other data, the assembly process is to become efficient and ergonomic. Solutions should be sought to shorten the assembly time of the products. New and more efficient tools will be used. The components should be placed to ensure a short pick-place distance.
Results/use	The end product is a completely redesigned assembly line with a layout that allows assembly workers to assemble products more ergonomically and efficiently in less time

Signature of client:

Reima Ollila

A handwritten signature in black ink, appearing to read 'Reima Ollila', written over a horizontal line.