

## Press and welding machine for Ophardt Hygiene Belgium

Vincent Theunissen & Michiel Linkens

**Specialization** Preparation programme for Master of Electromechanical Engineering Technology

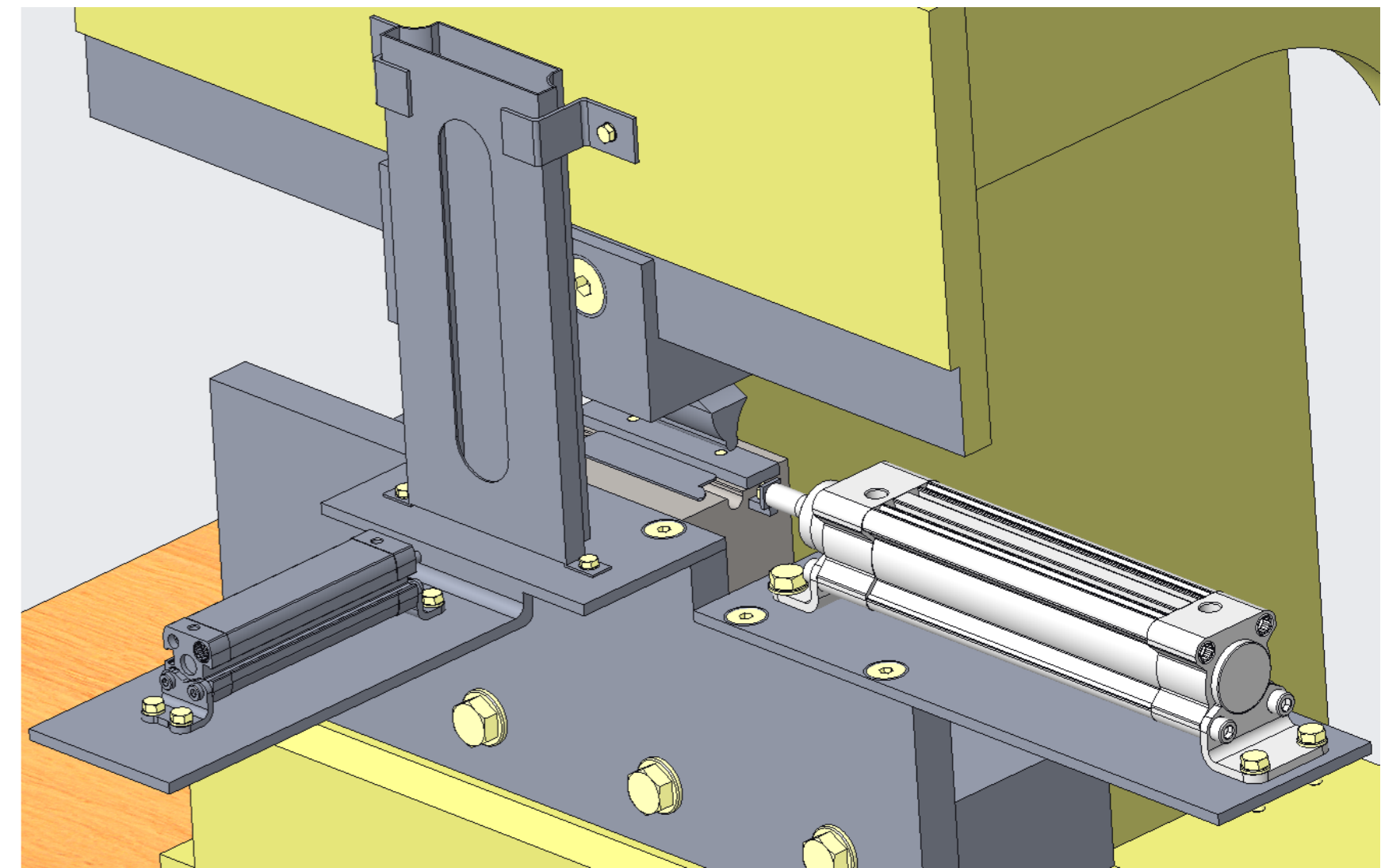
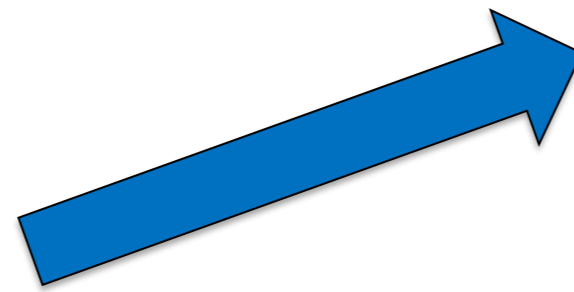


### Increasing the production speed by reducing handwork



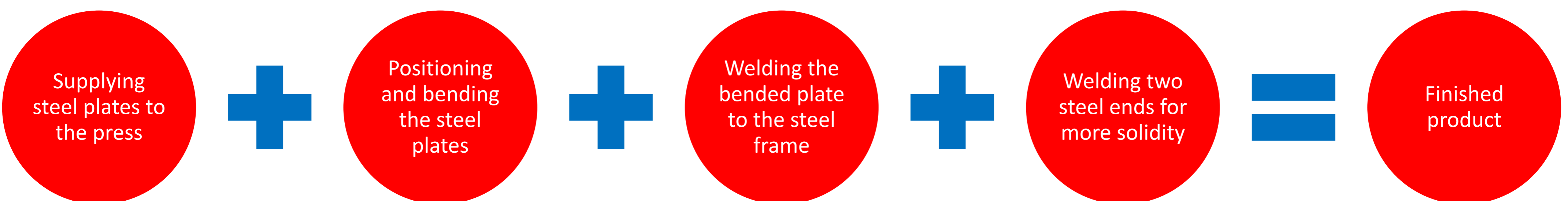
This project is about the production of a steel construction which will serve for the support of a small bowl. This bowl will be placed underneath the soap dispenser to catch any dripping soap after use.

This is a part of the construction designed for the automatization of the production process.



The expected outcome of this project is a faster and more efficient machine which will reduce the manpower. This new design will make sure the production process will be more safe than before. In the past metal plates were manually placed underneath the press. With this new design there will be no more danger by using the press thanks to the new positioning cylinder.

### The production steps



Supervisors / cosupervisors: Karel Kellens, Micheal Deanen, Jeroen Lievens & John Bijmens