

PARKSIDE

THERMAL GUN

project type: Reverse engineering project

model name: Parkside PHLHG2000 B2

end date: sept 2022

duration: 3 months

teammates: S. Boni | L. Mangili

As a **modelling exercise**, we measured and analyzed a common tool, in order to understand not only **how it functions** but how it was **produced** as well. It was then fully re-created from scratch using **Solidworks**. The resulting 3D model is **accurate** from an **engineering** point of view and complete in every one of its part.



A METHODICAL WORK AIMED AT UNDERSTANDING INDUSTRIAL PRODUCTION

The final assembly included **18 parts**, all precisely recreated with regard to the original manufacturing method. The tool is also transformable, as the handle can assume two different positions - part of the work consisted in **animating the rotation** of the two halves and making sure that the parts always fitted.

