

PROBLEM/ISSUE ADDRESSED

KeyBotics was born from the ambition to decrease the drudgery of work by discharging the operator from repetitive tasks, focusing on complex surface finishing operations such as deburring and polishing.

SOLUTION

To use cobotics as a facilitating tool for these precise, long-lasting manual operations. The versatility of the end-effectors will enable the cobot to adapt many situations. Simultaneously, the operator can focus his actions on controlling and guiding the cobot, while taking benefit from both improved quality of work and productivity.

WHY IT IS IMPORTANT FOR SOCIETY

- Reduction of Musculoskeletal Disorders
- Restoration of manual jobs and manufacturing industries attractiveness
- Empowering instead of replacing the worker's role

“ Thanks to EIT we were able to get the necessary resources and advices to develop and launch our innovation ”



MAIN RESULTS & INSIGHTS



- Improved work conditions in terms of safety, ergonomy & productivity



- Reduced operation time and consumables consumption



- Socially sustainable manufacturing



CYRILLE THUAL

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MAIN PRODUCT

KeyBotics project

AIM: Bring out new projects and innovations for a more sustainable industry



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