

# CLEANING OF A CRANKSHAFT

Of 120 kilos in robotic cell

Case carried out for :  **United States**

A manufacturer has requested MecanoLav expertise for cleaning a **truck crankshaft**.



- Degrease the surface and greasing holes of a part measuring more than one meter
- 0 particles greater than 500 microns
- Perfect drying before dimensional control



## Clean and dry in 3 minutes

- Flexible workpiece holder to accommodate **3 references**
- Rotary and fixed spraying tools to **degrease** the entire surface and **target** the greasing holes
- Module dedicated to **cleaning the robot gripper** : no cross contamination during installation/ recovery



## Automated process

- Vertical working chamber to facilitate the installation/ recovery by the robot
- Part detection and 120° automatic chamber opening
- Double filter : filter swapping in case of clogging without stopping production
- Manufactured according to UL standards

