

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**

