

TRANSMISSION SHAFTS CLEANING

In **robotic cells with anti-corrosion protection**

Case carried out for :



A Tier 1 automotive subcontractor has requested MecanoLav for cleaning **transmission shafts**.



- **Cleaning after sandblasting** operation
- **Final wash before packing** of parts
- **Perfect drying to ensure the adhesion** of the **protective oil in post-operation**



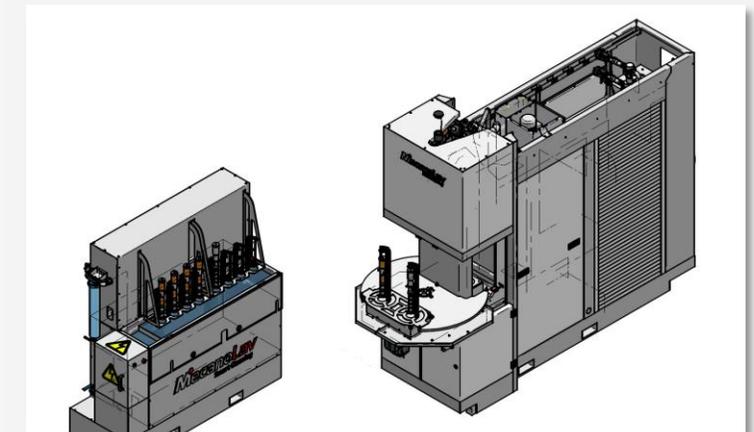
Clean and dry in 40 seconds

- **1 piece every 20 seconds**
- **Double work chamber** to clean **2 parts** simultaneously



Particulate cleaning

- **Cleanliness according to VDA 19**
- **2 spraying devices** ensuring a **targeted and homogeneous action** on :
 - the **inside of the shaft** (Ø 15 mm)
 - **The outside of the shaft** (grooves)
- **Flexible workpiece** holder that can accommodate **2 parts references**



Integrated in robotic cells

- **Installation and recovery** by a **single robot**
- **Hidden time** cleaning with **rotary table 2 positions**
- **Dewatering/soaking module** : **protection at cleaning outlet before packing**
- **Robot loading of 10 shafts per cycle**