

REDUCER HOUSING CLEANING

Internal/ external degreasing of
reducer housing

An automotive company has requested MecanoLav know-how to clean **reducer housin.**

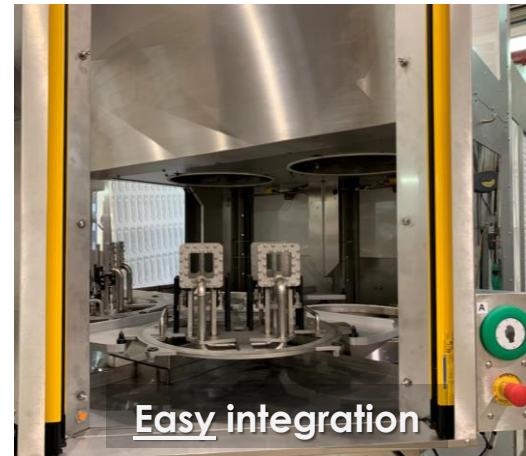


- **Remove external / internal particles**
- **Surface degreasing** to ensure proper paint adhesion
- **Minimum surface tension 38 dynes**
- Parts need to be perfectly **dried**



Efficient

- **WR module : spray Washing + Rinsing**
- **One chamber for each process**
No fluid exchange between washing and rinsing
- **Surface tension > 38 mN/m**
- Located spraying with **nozzles for housing internal cleaning**
- Rinsing fluid **conductivity measurement**



Easy integration

- **3 types of fixture** allowing to run **8 different part reference**
- Loading and unloading **in hidden time** by rotary table
- **Manual loading secured** by light curtains
- **Monitoring energy consumption**



Fast cycle time

- **75 seconds** cycle time
- Cleaning **2-3 parts per cycle**
- **Simultaneous** washing/rinsing (**2 work chamber**)
- **Separate chamber** for each stage