

BEARINGS CLEANING

Internal / external degreasing
of railway bearings

A railway company has requested MecanoLav know-how **for railway bearings cleaning**.



- Remove **800 grams of grease** from bearing
- **No alteration** of steel properties
- Clean **the rollers internal location** in the bearing inner ring (difficult access)



Targeted action

- Degreasing **an inner/ outer** bearing
- Cleaning in 3 steps : **prewash, washing, dewatering**
- **Tools developed specifically** by our Design department to clean the inside of the bearing (rollers area)



Fast cycle time

- **3 minutes** cycle to remove up to **800 grams of grease** per bearing
- Degreasing **4 bearings** ; with a **4 positions rotating table** (1 bearing per fixture)
- **12 minutes** total cycle time for one chamber
- **2 chambers** working simultaneously or independently



Adapted cleaning

- High temperature water spray **without chemistry**
- Compact machine / **higher energy efficiency** compared to a belt washer technology
- Machine **can accommodate bearings** from 180 to 240 mm range
- **Manual loading / unloading secured** by safety light curtains