

CASE STUDY



Precision cleaning of turned parts

Machine: EgaClean 4100
Industrial sector: Turned parts / 123



- Industry:** Turned parts industry
- Cleaning problem:** In connection with the expansion of the production, a capacity increase for the parts cleaning (degreasing and removal of chips) became necessary. This is the second EgaClean machine that has been installed for this customer.
- Soiling:** Mineral oil, chips
- Solution:** Degreasing under vacuum with non-chlorinated AIII hydrocarbon
- | | | | |
|----------|-------------------------------------|------|--------|
| Phase 1: | Immersion cleaning with ultrasonics | 65°C | 3 min. |
| Phase 2: | Immersion cleaning with filtration | 65°C | 2 min. |
| Phase 3: | Vapour phase | 85°C | 2 min. |
| Phase 4: | Vacuum drying | 60°C | 2 min. |
- Approx. cycle time: 10 min.
- Capacity:** 10 - 35kg baskets with automatic conveyor
- Requested quality:** Visual inspection prior to electroplating
- Return on investment:** Automatic equipment with a high productivity and a low consumption of energy and solvent.
- Special feature of the application:** Decentralised cleaning with 2 machines.