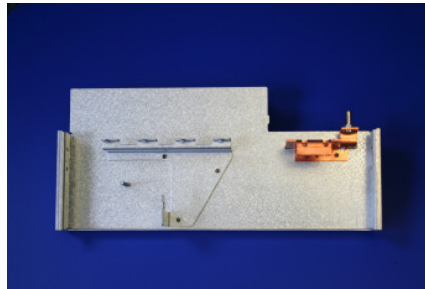


CASE STUDY



Cleaning of stamped sheet metal
Machine: EgaClean 4200
Industrial sector: Chipless metal forming / 125



- Industry:** Stamping of sheet metal
- Cleaning problem:** Degreasing of stamped sheet metal
- Soiling:** Stamping oil, particles
- Solution:** Cleaning under vacuum with isoparaffin (A3), vacuum drying
- | | | |
|----------|--------------------------------------|--------|
| Phase 1: | Immersion cleaning with ultrasonics | 65 °C |
| Phase 2: | Flooding with solvent and filtration | 65 °C |
| Phase 3: | Vapour phase | 85 °C |
| Phase 4: | Vacuum drying | 5 mbar |
- Approx. cycle time: 12 min.
- Requested quality:** Parts ready for powder coating
- Return on investment:** Previously, cleaning was done by a subcontractor. The new machine integrates cleaning into the process of manufacture, thus shortening production time.