

Practical Example

Relocation of

ZF's Shock Absorber

Production



Leadec in Schweinfurt relocated the complete shock absorber production facilities from building 608 in Schweinfurt to Eitorf, which is approximately 300 kilometers away, for ZF Friedrichshafen AG.

The disassembly and the reassembly of the production lines, the racking systems and the individual machines were carried out in two steps. While some of the facilities were disassembled and reassembled in Eitorf for trial operation, part of the production continued in Schweinfurt. Only after the project had been ramped up and the team had ensured proper functioning of the equipment at ZF in Eitorf, North Rhine-Westphalia, the remaining shock absorber production equipment was disassembled in Schweinfurt.

Key facts

- **Customer:** ZF Friedrichshafen AG
- **Scope of services:** Disassembly and the reassembly of the production lines, the racking systems and the individual machines
- **Site:** from Schweinfurt to Eitorf, Germany
- **Numbers of employees:** more than 6
- **Realization period :** 20 weeks

Challenges

- **Relocation of a complete production hall**
Therefore a detailed planning was required. The disassembly and the reassembly was carried out in two steps. While some of the facilities were disassembled and reassembled in Eitorf for trial operation, parts of the production continued in Schweinfurt
- **Sensitive laser technology**
The highly-sensitive laser system had to be transported in special shock-absorbing packaging and reassembled by experts in Eitorf. Leadec cooperated closely with the laser manufacturer in this regard

Success factors

- **Long-term relationship**
For more than 20 years, the Schweinfurt team of Leadec has provided services to ZF and has demonstrated its disassembly and reassembly expertise as well as precision and flexibility in several projects over this period of time
- **Flexibility**
In 2016, Leadec helped at short notice when two production lines and a sandblasting facility were relocated from Schweinfurt to Levice and Trnava in Slovakia
- **Using synergies**
Since ZF's factory building in Schweinfurt previously used for shock absorber production is now empty, the core removal activities may begin. Leadec has been awarded this job, too

Benefit for our customer

- **Service from one source**
After a successful conclusion of the relocation project the customer ZF continued to rely on the consistently high quality of Leadec. As a part of the core removal activities Leadec removed any remaining power supply cables, a concrete partition wall and some office partitions as well as platforms, on which the hydraulic system used to be located

„We take a certain pride in contributing to ensuring the future production of shock absorbers which are also used in the S-Class“.

Günter Hampel, Facility Manager at Leadec Schweinfurt

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