

PRODUCTION FACILITIES maxon motor Sexau (Germany)

NEW BUILDING

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| Client: | maxon motor GmbH, Sexau |
| Certified Inspection Engineer: | Prof. Dipl.-Ing. Matthias Pfeifer |
| Our services: | Structural engineering inspection in accordance with regulations and standards Static calculations Structural fire protection Earthquake engineering Execution planning (structural and workshop drawings) Random monitoring of the structure during the building phase |
| Brief description: | Construction of a new 3-storey building with production, assembly, stores and utilities for a manufacturer of high-tech electrical motors - main load-bearing structure made from pre-fabricated slabs supplemented by in-situ concrete on steel/reinforced concrete composite girders with concrete-filled steel hollow section columns, 400 mm x 400 mm - high working load of up to 17,5 kN/m ² - complex load distribution details, e.g. load distribution slabs, concreted in steel components with welded on shear studs |
| Architects: | Keienburg Architekten, Mahlber |
| Structural engineers | Walther & Reinhardt, Herbolzheim |
| Completion: | 2013 |



Pictures / Illustrations: PfeiferConsult