

## HIGH - BAY WAREHOUSE GUTMANN AG Weißenburg (Germany)

### NEW BUILDING

**Client:** GUTMANN AG, Weißenburg

**Certified  
Inspection Engineer:** Prof. Dipl.-Ing. Matthias Pfeifer

**Our services:** Structural engineering inspection in accordance with regulations and standards  
Static calculations  
Execution planning (structural and workshop drawings)  
Random monitoring of the structure during the building phase

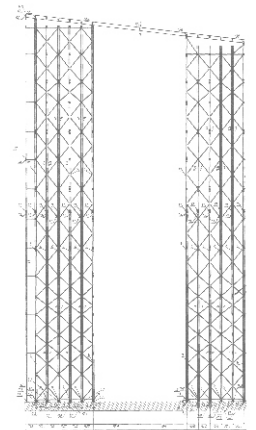
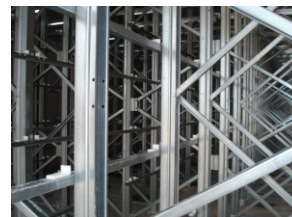
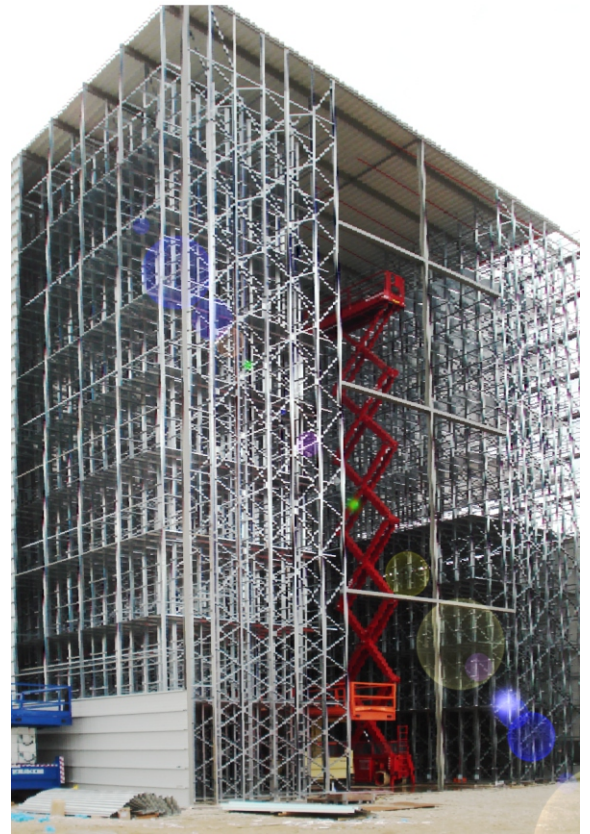
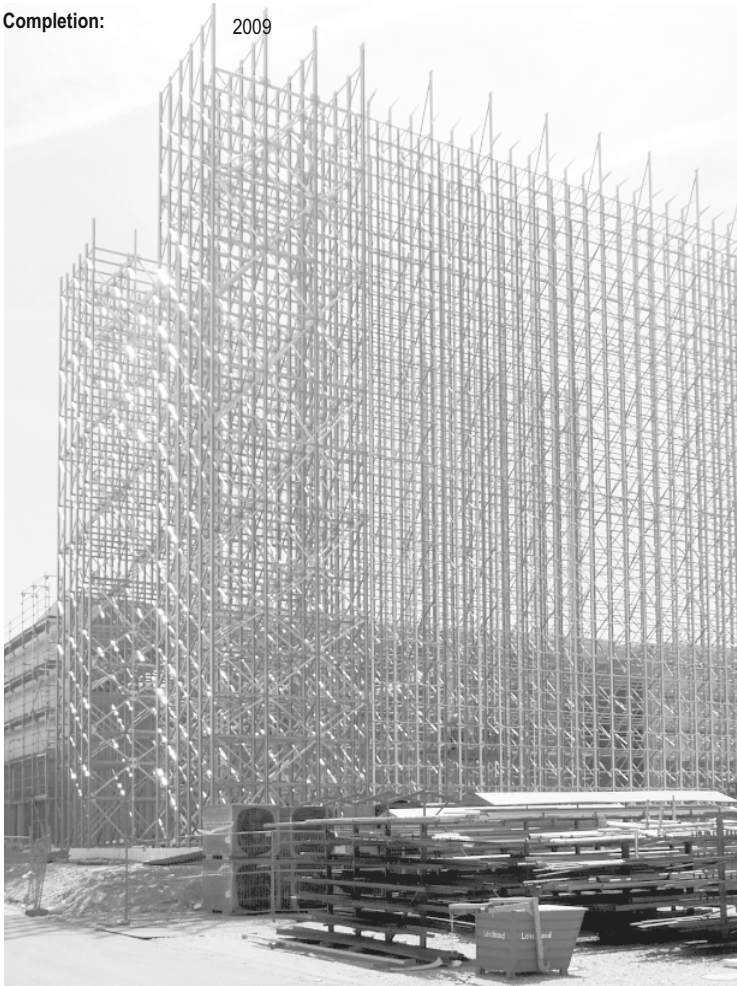
**Brief description:** Construction of a new high-bay warehouse for metal profile rods

- filigree, screwed construction made out of galvanised steel
- base area 30 m x 21,5 m
- structure 27 m high with 36 storage levels
- steel grid columns
- rolled steel sections as the main structural and stiffening components
- bolted bases
- elastically bedded base plate
- storage load of up to 2.160 t
- loads from rack storage filling machines

**Architects:** Maier + Hertlein, Weißenburg

**Structural engineers:** Fassmann + Partner, Worblaufen (Schweiz)

**Completion:** 2009



Pictures / Illustrations: PfeiferConsult, GUTMANN AG