

**STADA ARZNEIMITTEL AG
Florstadt (Germany)**

NEW BUILDING

Client: STADA Arzneimittel AG, Bad Vilbel

Architects: GJL Architekten, Karlsruhe

Our services: Full structural design
Establishing the basis
Preliminary design
Final design
Approval documentation
Execution drawings
Structural fire protection

Brief description: New building of a distribution and service centre
- warehouse of an area of approx. 180 m x 90 m
- in the main precast elements
- wide spanning prestressed concrete beams
up to 30 m
- reinforced concrete columns embedded in
bucket foundations
- later addition of storeys in parts of the structure
taken into account

Completion: 2008



Truss installation, high rise rack in the background



Office of cast-in-place concrete



View longside of high bay warehouse, height ca. 35 m



Automated small-parts warehouse



Pretensioned p-slab ceiling on joists with a span of ca. 17 m



Ceiling with openings for light domes



Bearing knot of three pretensioned concrete truss