

## Firmensitz und Produktion AVL SET GmbH, Wangen im Allgäu



### SHORT DESCRIPTION

Turnkey production headquarters and production of AVL SET GmbH

### THE PROJECT

AVL SET GmbH is part of the AVL Group and a leading international supplier of test systems for testing e-motor control units. In 2003, it established a new test methodology in which a virtual e-machine simulates the test bench in the laboratory and frees it from the dependence on a mechanical environment for testing auxiliary units up to powerful drive inverters. The new headquarters and production facilities of AVL SET GmbH are being built on the former site of the Erba weaving mill. The company, which is flourishing due to e-mobility, had only moved into the previous administration building in 2017 and is already bursting at the seams with its approx. 130 employees. On top of a 3,500 m<sup>2</sup> and five-metre high production floor, two double-storey glazed administration floors with a total of 3,100 m<sup>2</sup> are planned and designed for 250 people. An extension to the east is already being considered. The main entrance on the west side will have a representative glass façade and coffered façade; on the north and south façades, prefabricated concrete elements with projections will imitate the former factory wall. This is a turnkey construction including building services and BIM-supported implementation planning. An ambitious schedule can still be optimised through LEAN systems.

### SERVICES IN DETAIL

- Soil replacement
- Detailed design with BIM
- Turnkey construction incl. TGA

## CHALLENGES

Remediation of contaminated subsoil

## SUSTAINABILITY

Production for e-mobility - PV system, Local heating and cooling - Design constraints imposed by the 2024 Landesgartenschau on the site - No occupational accident so far

## FACTS

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<b>Location</b>	Spinnerei 8 , Wangen im Allgäu , Germany
<b>Status</b>	completed
<b>Construction volume (value of our services)</b>	12.4 M EUR
<b>Start of construction</b>	February 2021
<b>Completion</b>	March 2022
<b>Building owner</b>	Objektgesellschaft der DAL-Gruppe: Dalias Grundstücksverwaltungsgesellschaft mbH & Co. Vermietungs KG Emy-Roeder-Str. 2 55129 Mainz
<b>Contracting entity</b>	AVL SET GmbH Franz-Joseph-Spiegler-Str. 5 88239 Wangen im Allgäu

## SERVICES

Civil engineering

Industrial construction



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<https://implenia.com/en/references/detail/ref/firmensitz-und-produktion-avl-set-gmbh-wangen-im-allgaeu/>

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