



Buildup of a Production Plant

- Buildup a Production Plant to expand the production capacity

Customer: globally acting tier 1 supplier for the automotive industry

Product: exhaust gas turbo charger

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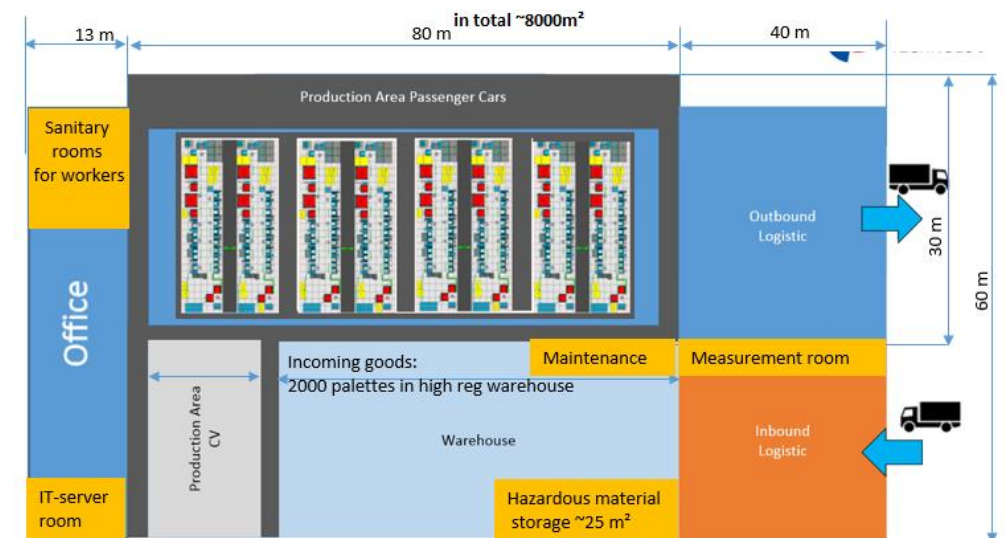
Initial situation

- Based on an evaluation the decision was made, to establish a production plant close to the city of Novi Sad in Serbia
- Business model: Build to Lease, a partner company as investor with a suitable plot was already identified during an earlier project phase.
- Desired realization period for plant construction: 7 Month from project kick off

Basic requirements for the production building:

- Approx. 8000 m² below roof for production (~2/3) and Logistic (1/3)
- Production capacity approx. 2 mio. products/year (3-shift operation)
- Production processes: mainly assembly and end of line testing
- Good transport connections
- Availability for office part to host central function such as e.g. development and IT service
- Up to 450 employees in final situation

Basic layout sketch →



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Main project tasks and responsibilities

Main task assignment to the project leader:

- Project planning and lead of project teams
- Definition of building layout based on material flow and planned production lines
- Definition of office layout based on personnel planning and processes
- Definition of the key performance data of the building infrastructure (Energy, compressed air, ventilation, air conditioning, process water and waste water)
- Contractual
- Contract drafting with the investment partner
- Change management
- Incentive application with state development agency
- Definition and realization of local organizational buildup (local company set up, initial personnel buildup, interim office solution, initial local supplier selection)
- Follow up and supervising plant construction proceeding
- Building handover and carry over to customer management
- Procurement of initial plant furnishing and office equipment

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Project proceedings (link: [documentation of const. company](#))



Ground braking on 28.08.2019



Projectteam at locatin



Start of construction in late summer 2019



Finalization 04/2020 despite Covid 19 → (final plant status)

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Project key data

- Start of Project 02.04.2019
 - Ground braking with management 17.07.2019
 - Start of construction 02.09.2019
 - Plant hand over 13.05.2020
 - 1st Start of production 01.09.2020
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- Scheduled plant key data after 5 years ramp up duration: (according to investment project):
 - Head count buildup: up to 490 employees
 - Volume of investment up to 32 mio €