



# PROCESS ENGINEERING SYSTEMS

## Projects with Merz

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We work with you to provide the perfect complete system for your process.

From the initial enquiry and the first tests, all the way through development to construction, production, on-site installation and regular maintenance, we're always by your side.

### 1. Planning

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- Tests on original machines in our technology centre
- Determining the required target grain size spectrum
- Definition of any necessary intermediary preparatory steps
- Agreement of scope of delivery and performance
- Determining used materials in line with the properties of your feed material
- Design of the respective machines in line with your throughput requirements
- Consideration of required standards (chemicals, pharmaceuticals, foodstuffs, explosion-proof, safety at work etc.)

### 2. Construction

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- Design in 2D and 3D
- Visualisation of construction with all details
- Consideration of existing systems and/or buildings
- Alignment with existing process handover points
- Design of necessary conveyor technology (horizontal and vertical)
- Design of necessary suction technology
- Reduced dust thanks to seal and suction
- Preparation of drawings for approval

### 3. Production + shipping

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- Extensive in-house production
- Complete assembly in the plant
- Test run for all components and machines prior to shipping
- Worldwide shipping

### 4. Service

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- Assembly or monitoring on-site
- Commissioning or monitoring of commissioning on-site:
  - » Test run without material
  - » Test run with low material quantity
  - » Test run with full material quantity
- Training and handover to operating personnel
- Regular maintenance on request or under servicing contract
- Lifelong spare parts service

Please contact us to arrange a test for your material in our technology centre.