

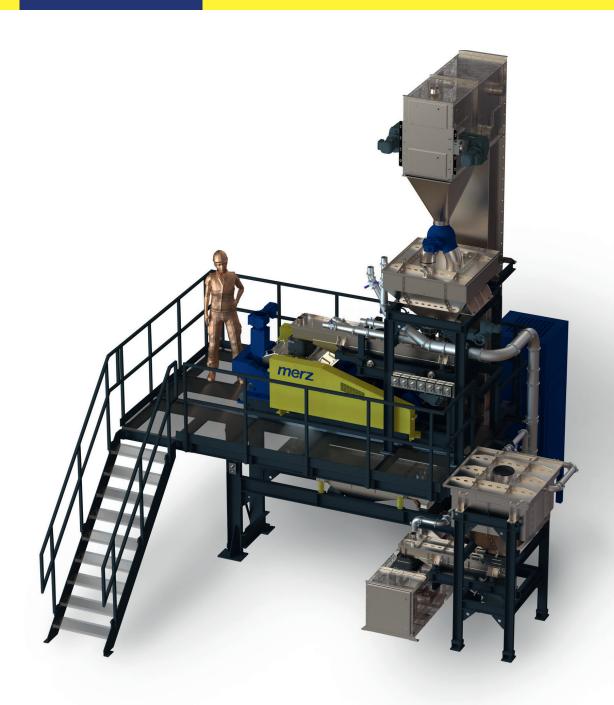
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Systems/plant engineering



PROCESS ENGINEERING SYSTEMS

Projects with Merz

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

- 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

- 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

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

4. Service

- 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.