



AML Anlagentechnik GmbH

Container Plants



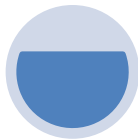
AML Anlagentechnik: The specialist for plant construction in the Haver-Boecker-Group



Engineering

Design
Calculation
Planning
Optimization

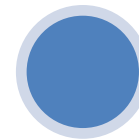
Complete basic and detail engineering



Supply

Crushing & Milling Plants
Dry Mix Mortar Plants
Paste Production Plants
Dust Collection equipment

Own production or approved suppliers



Service

Assembly
Supervision
Commissioning
After Sales

Reliable personnel always available

More than 30 joint projects between Haver and AML during the last 20 years

Target Applications



DMP: gypsum based



Building chemicals



DMP: cement based



Dust removal technology



Sand preparation



Paste production



Engineering

Feasibility studies, including

- Energy efficiency and performance analysis
- Reconstruction and renovation studies

Process design

- Process layout and flow diagram
- Plant overview drawings

Structural design

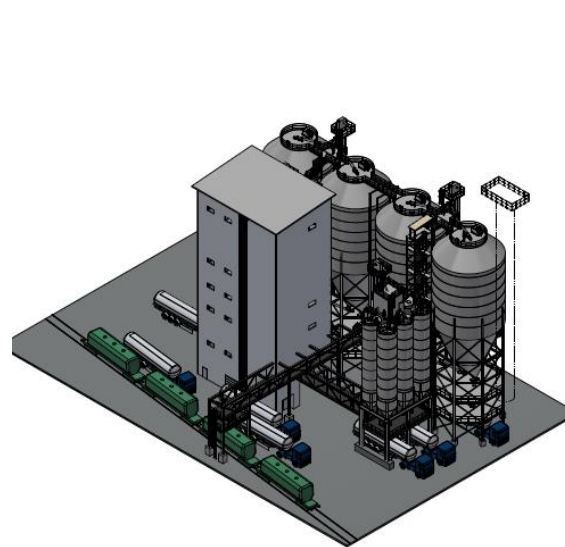
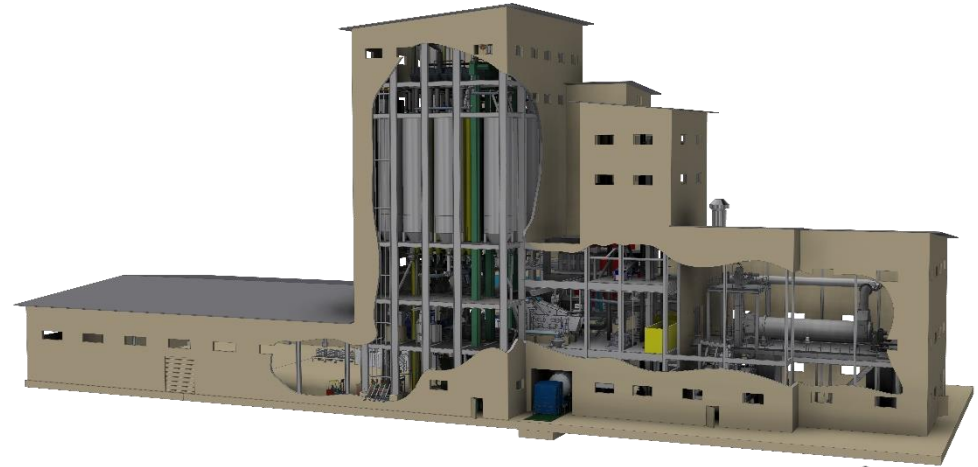
- Equipment and machine installation plans
- Workshop drawings
- Static calculations

Electrical and compressed air systems

- Tank and pipeline layout
- Plant control system
- Machine and instruments lists

Construction and design management

- Risk assessment (e.g. Directive 2006/42EG)
- Health and safety instructions (e.g. HSE)
- Explosion protection documents (e.g. ATEX)





Plant Construction

- AML supplies to complete set of equipment in order to feed the packing machine with building materials including the sand preparation
- **There is a life above the packing machine**
- Standard solution: Mixing tower
- Mixing plants with reduced height
- Mixing plant in a warehouse



Installation and Commissioning

Complete installation

- Own personnel and specialized partners
- Mechanical und electrical

Project and site management

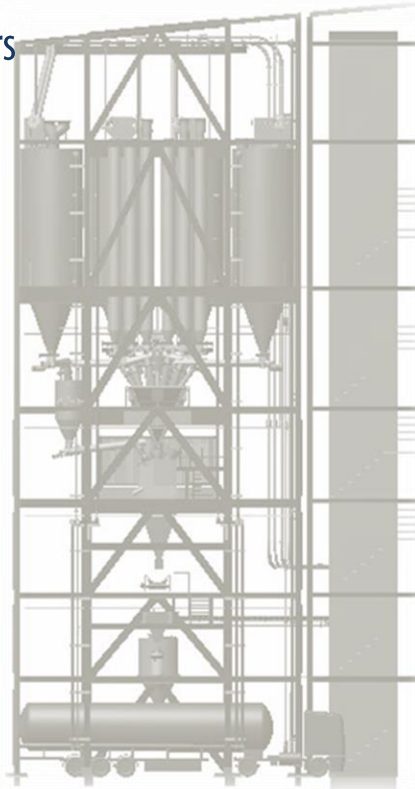
- Coordination and monitoring
- Site supervision
- Contractor coordination

Assembly and commissioning

- Assembly and supervision
- Commissioning
- Performance tests

Training

- Control system simulation
- Mechanical components
- During plant operation and in AML



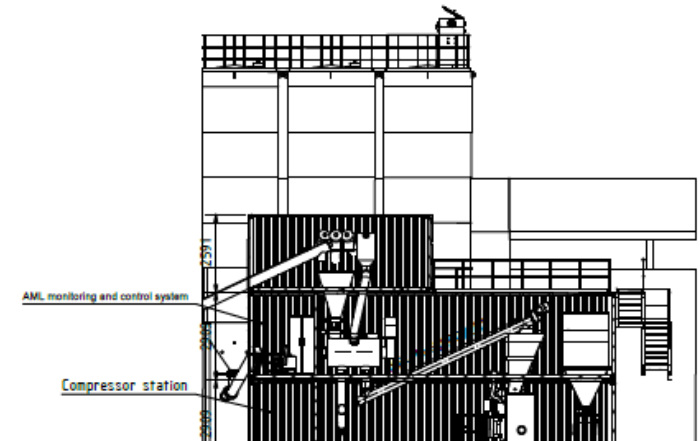
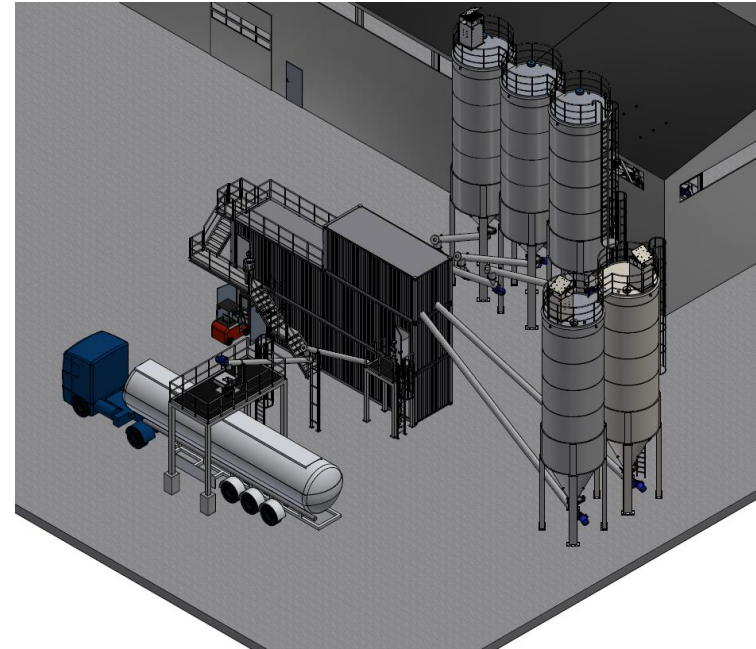
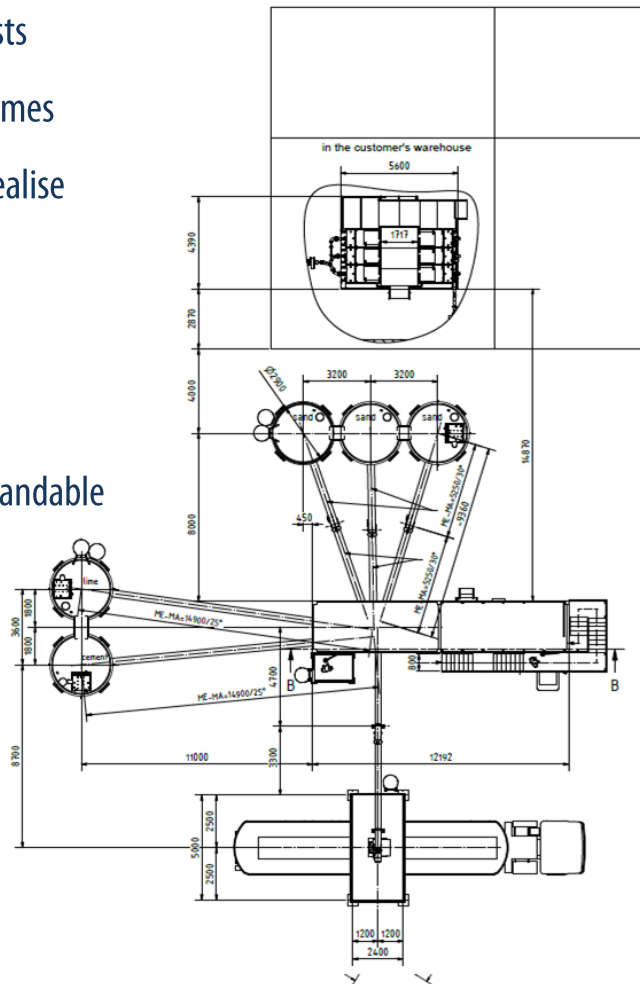
Container plants

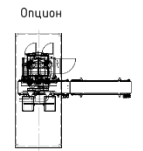
Pros:

- Low investment costs
- Short installation times
- Relatively easy to realise

Cons:

- Low output capacity
- Not that easily expandable





Plant with reduced height

Pros:

- Low investment costs than tower
- Lower building height

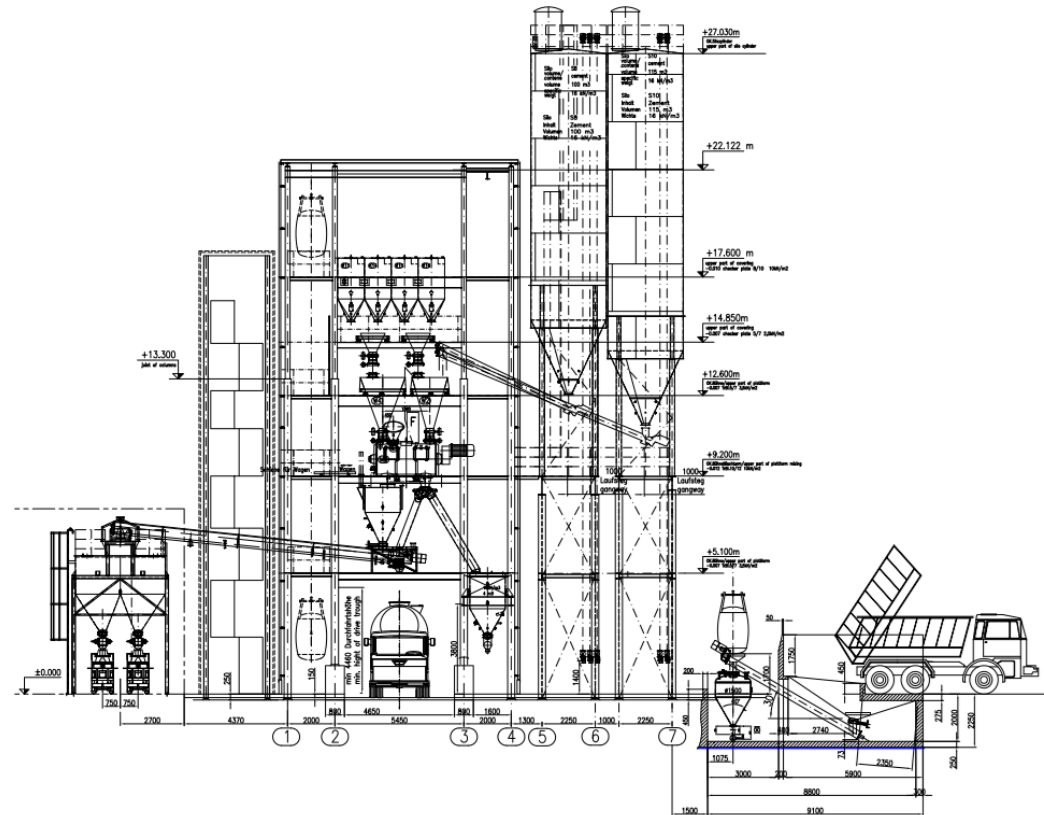
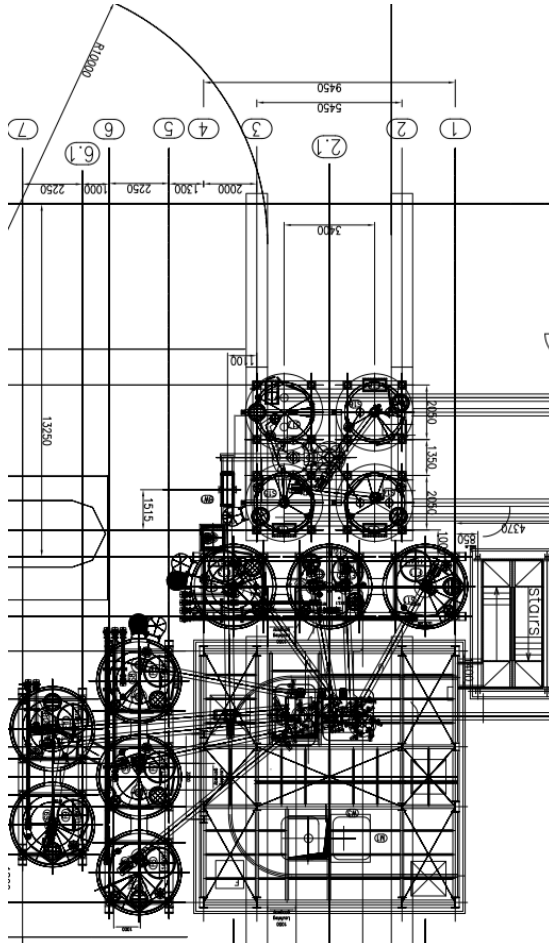
Cons:

- Higher energy consumption
- Higher wear for conveying equipment



Plant with reduced height

Reduzierte Höhe: 25 – 30m



The right partner: AML

As specialists we focus on our target applications

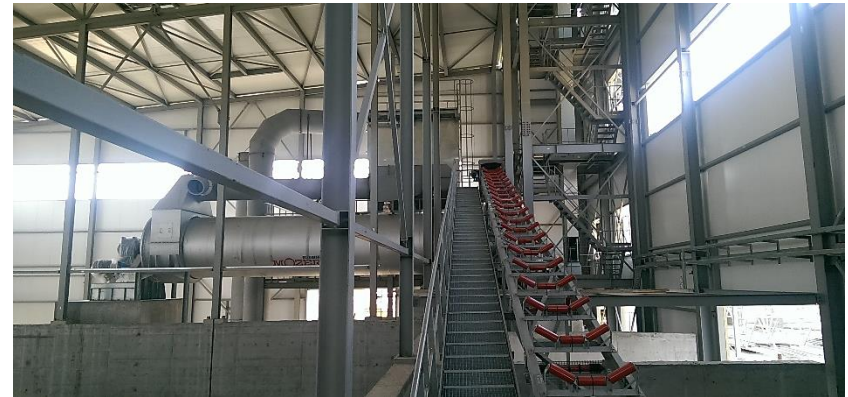
- With our know-how we create unique solutions
- We include your individual ideas
- If economies of scale is the issue, we do it most cost-effective

We're flexible and open for your needs and requirements

- We can do pneumatic dosing, but we don't need to
- We can select the machine of your preference
- We do engineering or turn key supply, whatever is necessary!

We make tailor made solutions economical

- Efficiency is our aim. It's no contingency.
- We combine cost-effectiveness with custom made solutions!
- Solutions according to your needs and requirements





Thank you for your attention!

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