

Projects

We are experts in bulk engineering.

We implement your needs and requirements - beginning with the engineering of bulk material plants to the concept of a turnkey overall facility. Mostly, our plants include our in-house and well-proven products.



Projects



Service



Products

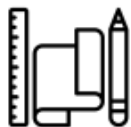


Rail wagons



Throughout the world, STAG is well-known for its expertise in developing highly innovative system solutions satisfying the highest requirements, as well as for its broad know-how in bulk engineering.

Trust in our strengths. We will certainly find a solution adapted to your needs.



Projects



STAG Plant Engineering and Construction

We support our customers, at an early stage of the engineering process, in setting -up the plant concept as well as a feasibility study. Within the scope of the project implementation, the following services will be provided:

- ✓ Project management including on-schedule implementation
- ✓ Conception and construction using 3D and 2D CAD applications
- ✓ Various testing facilities for the bulk products in our test centre
- ✓ Delivery and shipment of the products
- ✓ Documentation of the overall plant
- ✓ Assembly and assembly supervision
- ✓ On-site commissioning and training

Upon the commissioning and a successful test run, a project is completed – whereas the plant support provided by STAG is not.

We support you from the offering stage to the after-sales services during the complete life cycle of the plant. It is our goal to provide you a maximum availability of the plant.

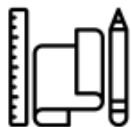
Our business areas at a glance

- ✓ Waste-to-energy facilities / thermal waste treatment
- ✓ Energy & power plant industry
- ✓ Cement, mineral compounds & buildings materials
- ✓ Steel industry
- ✓ Waste water, sewage sludge, biomass, substitute fuels
- ✓ Special solutions, recycling

Our processes

- ✓ Pneumatic conveying technology dense phase, dilute phase, air slides
- ✓ Mechanical conveying technology, trough chain conveyors, closed conveyor belts, coarse particle separator
- ✓ Silo systems, system engineering, dimensioning, silo equipment such as overpressure/vacuum flaps, mechanical and pneumatic discharge systems
- ✓ Dosing systems, volumetric and gravimetric systems combined with pneumatic conveying technology
- ✓ Bulk transshipment and unloading systems, truck and rail wagon silos
- ✓ Container transshipment facilities at high filling level, stationary or mobile





Projects



Waste-to-Energy Facilities / Thermal

Waste Treatment

- ✓ Boiler ash removal
- ✓ Filter ash removal
- ✓ Adsorbent handling und recirculation
- ✓ Residue plant engineering and discharging
- ✓ Wet slag removal
- ✓ Dry slag removal
- ✓ Dry slag recycling

Energy & Power Plant Industry

- ✓ Fuel handling
- ✓ Supply of aggregates and substitute fuels
- ✓ Boiler ash removal
- ✓ Filter ash removal
- ✓ Adsorbent handling und recirculation
- ✓ Residue plant engineering and discharging
- ✓ Slag removal

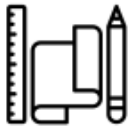
Cement, Mineral & Construction Materials

- ✓ Rail unloading systems
- ✓ Transshipment systems, rail-to-truck, silo systems
- ✓ Supply of aggregates and substitute fuels
- ✓ Furnace dust handling
- ✓ Filter dust handling
- ✓ Bypass dust handling
- ✓ Iron-II-sulphate supply

Steel Industry

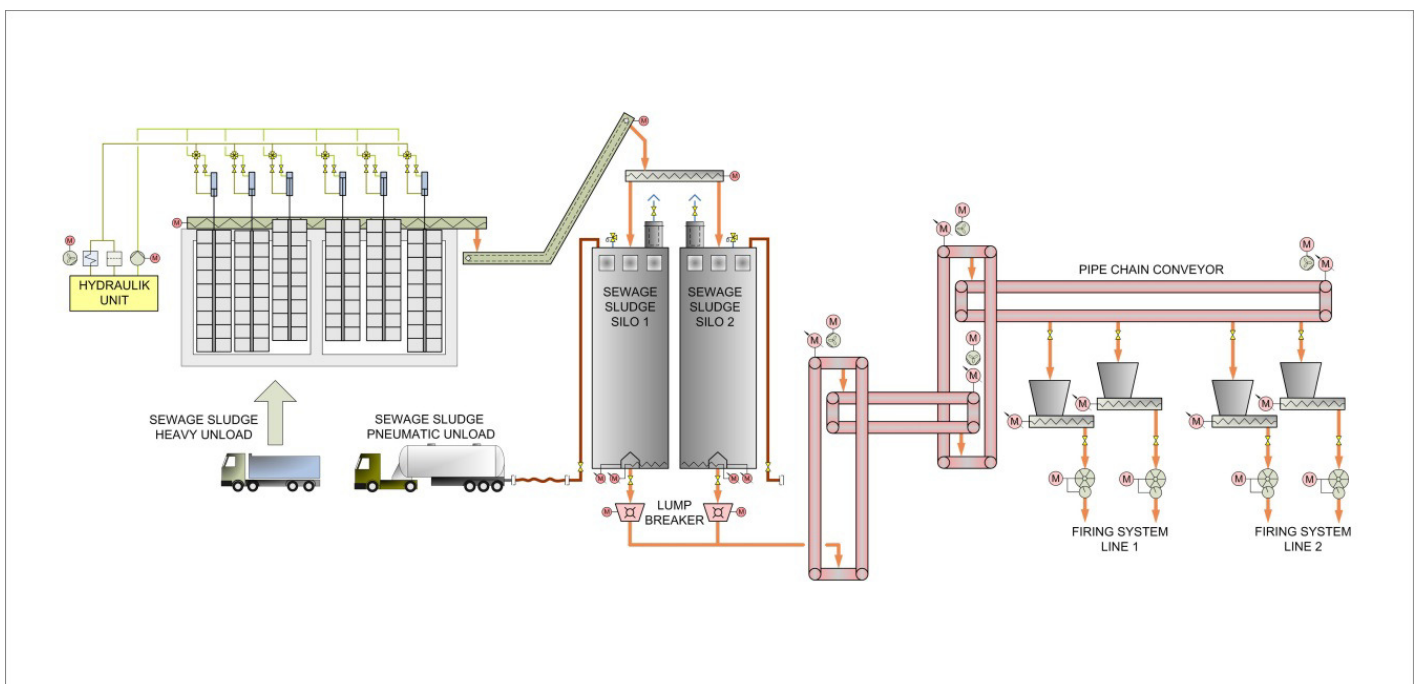
- ✓ Plant engineering for blast furnace dust
- ✓ Handling of stock-house dust
- ✓ Sinter dust systems
- ✓ Adsorbent handling und recirculation
- ✓ Residue plant engineering and discharging
- ✓ Plant systems for difficult and heavy bulk products
- ✓ Converter dust facilities
- ✓ Handling of foundry sand and burnt sand

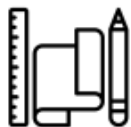




Waste Water & Sewage Sludge

- ✓ Slug handling in waste water treatment
- ✓ Silo, bunker and discharge facilities
- ✓ Material supply into drying plants
- ✓ Plant systems for dried sewage sludge
- ✓ Fuel handling to thermal incineration plants
- ✓ Ash removal from thermal incineration plants





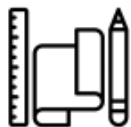
Projects

STAG

Special Solutions, Recycling

- ✓ Slag handling
- ✓ Slag recycling
- ✓ Container transshipment facilities
- ✓ Ash handling from HFO combustion in refineries
- ✓ Mobile bulk conveying plant
- ✓ Lignite transshipment plant
- ✓ Underground transport
- ✓ Gas loop facilities to pneumatic transport





Projects



Your STAG Project Team



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