

## 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**

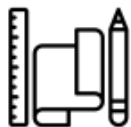


**Rail wagons**



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.

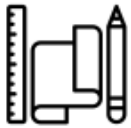
### Our business areas at a glance

- ✓ 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

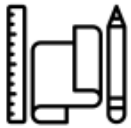
### Cement, Mineral & Construction Materials

- ✓ 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

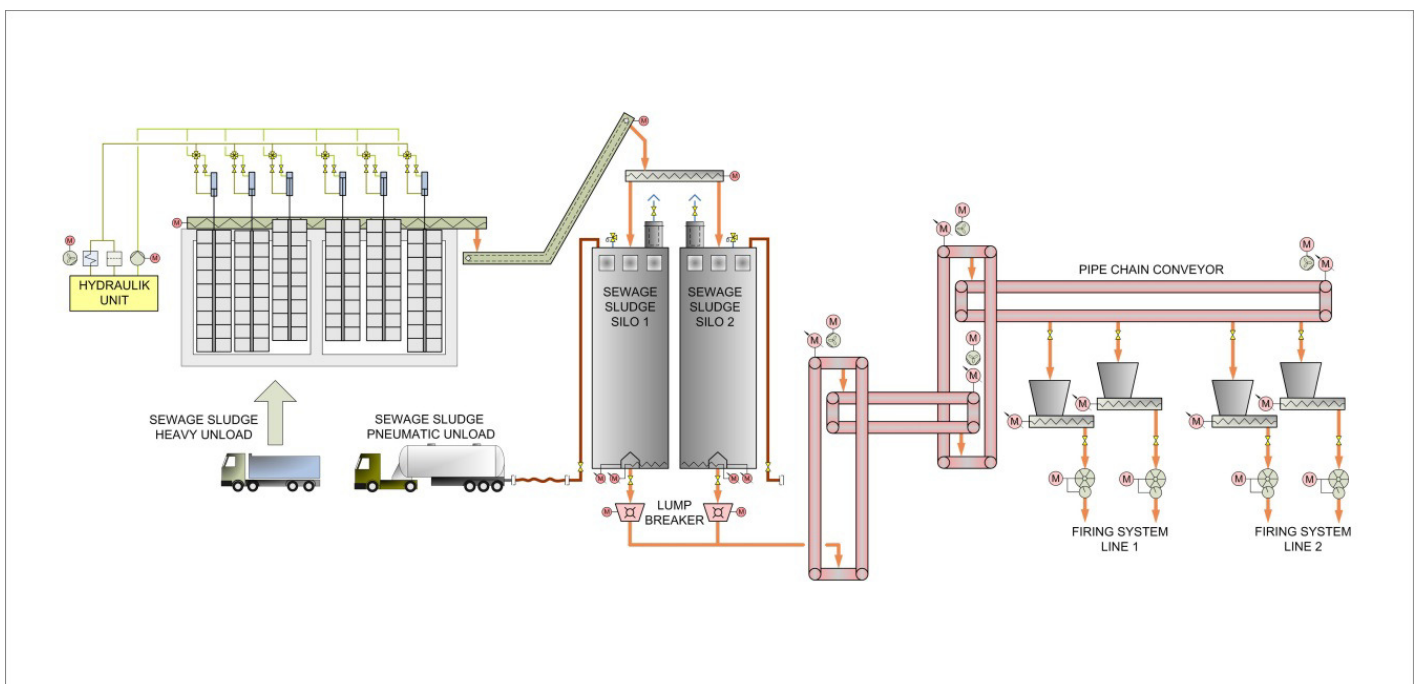
- ✓ Plant engineering for blast furnace dust
- ✓ Handling of stock-house dust
- ✓ Sinter dust systems
- ✓ Adsorbent handling und recirculation
- ✓ Residue plant engineering and discharging
- ✓ Plant systems for difficult and heavy bulk products
- ✓ Converter dust facilities
- ✓ Handling of foundry sand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

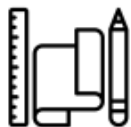




## Waste Water & Sewage Sludge

- ✓ 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





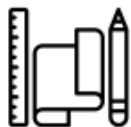
## Projects

# 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



#### Head of Projects

Name Admir Gazic  
E-mail [a.gazic@stag.net](mailto:a.gazic@stag.net)  
Phone +41 81 303 58 66

#### Head of Project Sales

Name Martin Adam  
E-mail [m.adam@stag.net](mailto:m.adam@stag.net)  
Phone +41 81 303 58 41

#### **STAG** Schüttguttechnik

Industriestrasse 11  
CH-7304 Maienfeld

Phone +41 81 303 58 00  
[www.stag.net](http://www.stag.net)  
[office@stag.net](mailto:office@stag.net)