

Project information

ALPIQ, Zlin (Czech Republic) Power Plant installation of biomass storing and feeding system



Task: Design and installation of a 1000m³ woodchips silo and feeding system to supply the existing boiler.

Customer: ALPIQ Zlin Power Plant

Date: 2009

Delivery limits: The full scale designing, installation and commissioning of the biomass receiving, storing and feeding system as general contractor.

- technological design(P&I),
- mechanical, control and instrumentation, power supply design
- manufacturing, purchasing, installation,

- commissioning, trial run,
- education,
- final documentation

Description of the project:

The woodchips is delivered by tracks to the power plants. It goes to a hopper from which case-belt conveyor brings it into the 1000m³ silo.

The other conveyor system brings the woodchips from the silo to the fluid-bed boiler. The Wall screw is feeding the chips into the boiler. The installed Rotary Air Lock is preventing the backflow of the combustion air. The system was designed for 5 t/h capacity.

