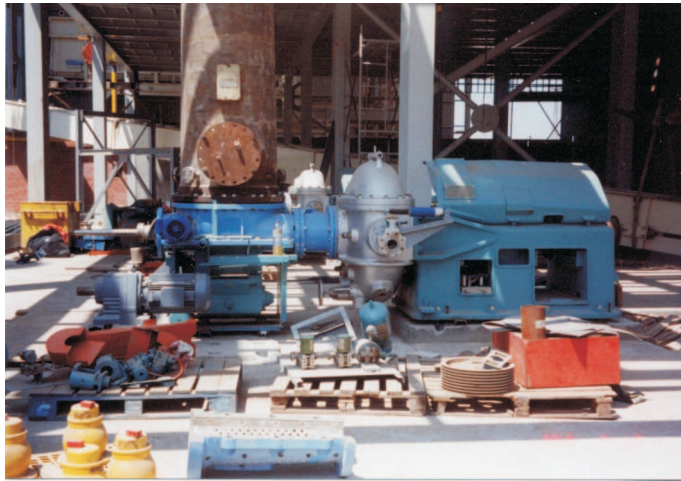


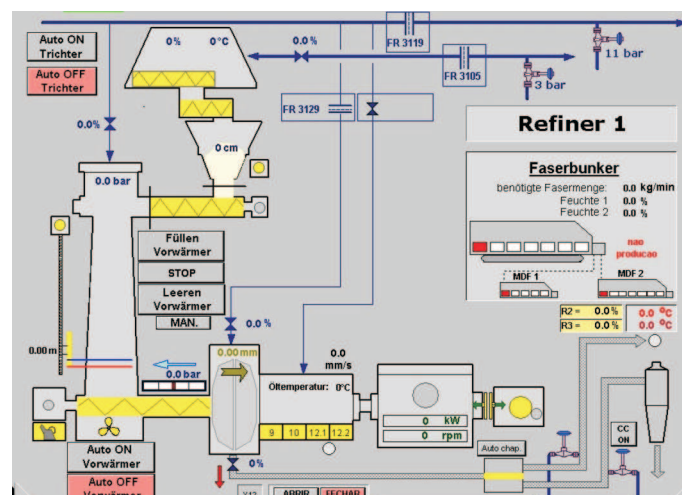


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Control for Refiner and Dryer



Control for Refiner and Dryer

At this application, precrushed chips (approx. 40 x 40 x 10 mm) are prepared and will be forwarded to the refiner, where they will be boiled and treated at high pressure, then they will be processed between two parallel, reverse rotating, knurled metal plates until they will turn to fibres.

After glue has been added to the fibres they will be dried in the flash dryer.

Next the fibres will be separated in cyclones.

A combined control of the fibre-moisture and of the output temperature at the dryer will guarantee a constant moisture.

A modern, complex control type SIMATIC S7-400 with a decentralized periphery will be used. The communication to the existing controls will be realized via DP/DP-coupler.

Due to the linkup of the visualization system RSVIEW of Rockwell Automation via ethernet to the control, the operator may have at any time access to all relevant product and production data for highest quality standard.

Realizing of special control- and regulation concepts

- user-friendly automation- and visualization systems of Siemens and Rockwell Automation
- troublefree network of the refiner-dryer-control with existing controls
- Implementation of existing plant-elements at the refiner and dryer control



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