

Pulp & Paper

The pulp and paper industry comprises of manufacturing enterprises that convert cellulose fibre into a wide variety of pulps, papers and paperboards. Can-Technologies offer a comprehensive range of solutions and services for the pulp and paper industry complemented by process automation as well as Wastewater, Wood Processing, and Power Generation technologies.

Our understanding of the Pulp & Paper process combined with a keen sense of shut-down limitations, maintenance requirements, and operational issues improves the overall value to our engineering designs.



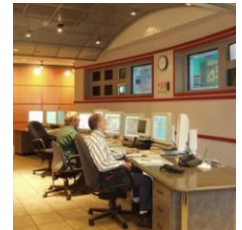
The following highlights some of our range of services to the Pulp & Paper industry:

- Specialized knowledge of pulping, paper-making and wood processing.
- Comprehensive service, from feasibility studies to all facets of design, engineering and project management for large to medium size projects.
- Multi-discipline design and consulting expertise.
- Rigorous project management: accurate capital construction budgets and tightly controlled implementation costs.

Can-Technologies provide a full range of solutions for Electrical, Mechanical, Controls, Instrumentation and Information Technology in Pulp & Paper facilities.

The following highlights some of our areas of expertise:

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| ● Drive Applications | ● Wastewater Solutions |
| ● Control Solutions | ● Humidity Control |
| ● SCADA/DCS Solutions | ● Energy Solutions |
| ● Recycling Solutions | ● Process Optimization |



Many chemicals are used in the pulp and paper making process. Since some of these chemicals are recycled and reused, it is important that the plant measures and controls them to improve profitability and efficiency.

Wastewater at pulp and paper plants contains effluents from the pulping, bleaching, papermaking, and recycling processes. Pulp and paper plants also consume large volumes of water, and the treatment of wastewater from these plants is a serious environmental concern.

Drying is an important part of the papermaking process that evaporates the remaining water in the wet paper web. This is performed with a dryer, and the humidity control in this dryer is essential to maintaining high paper quality (e.g., strength, paper surface) and high heat energy efficiency.

It is now a well-accepted fact that measuring energy consumption is an important ingredient in the quest to improve energy efficiency. Efficient and accurate metering is vital to ensure that excessive consumption can be detected. A sound energy management policy can only have a positive effect on the company's 'bottom line' profitability.