

Industrial Circular Economy Solutions

# WASTE-TO-ENERGY PLANTS



# INDUSTRIAL CIRCULAR ECONOMY SOLUTIONS

**Complete technology solutions and engineering, automation, and production services as a single partner.**

Recycled cellulose fiber is an excellent material for thermal insulation and asphalt additives. It is an ecological and sustainable solution because it is made from recycled paper or cardboard. Makron offers you complete production technology to manufacture cellulose fiber insulation and additives from recycled raw material. We have developed these production lines in close collaboration with our long-term customers. The production lines run smoothly by Makron designed automation control system. Makron also works as a subcontracting partner of pulp technology providers and waste-to-energy industry. We offer our expertise in engineering, manufacturing, and automation as a single partner to complete your processes and technology.

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## WASTE-TO-ENERGY PLANTS

Waste-to-energy plants use either biomass or mixed waste as fuel to produce energy for district heating or electricity. These plants cover all the phases from waste reception and handling to energy production. District heat is produced by burning fuel to heat water. The hot water is then circulated through the district heating pipes. Electricity is produced by burning fuel and using the heat generated to produce steam to drive turbines. As your subcontracting partner, we provide you with our expertise for all stages of your process.

### What Makron does

As a contract manufacturer of technology providers, we manufacture machinery and control cabinets for power plants. Our offering includes the related intelligent services, e.g. complete industrial automation services, pressure vessel and heat exchanger engineering, and technical calculations.

### Products & expertise

- Pressure vessel and heat exchanger engineering
  - Technical calculations
  - Automation engineering
  - Electrical engineering
  - Machine manufacturing
  - Conveyor manufacturing
  - Electrical control cabinets
  - Electrical installations
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## Contact



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