

Kymi Paper Oy
Artti Project, Kuusankoski
Finland



A new woodfree coated paper line with a capacity of 400 000 t/a.

PÖYRY SERVICES

- pre-engineering and cost estimate
- engineering management
- time scheduling
- process engineering
- mechanical and piping engineering
- HVAC engineering
- electrical engineering
- process control engineering
- civil engineering
- assistance in erection supervision
- assistance in commissioning and start-up

The engineering and field services were provided in close co-operation between Pöyry Forest Industry Oy, Pöyry Engineering Oy and Pöyry Civil Oy.

Schedule

Started up in October 2001

Total investment

EUR 280 million

TECHNICAL DATA

Product

Double coated WFC grades in the grammage range 75 - 115 (130) g/m²

Stock preparation

- new roll press for short-fibre pulp thickening
- new refiners for short-fibre and long-fibre pulp
- new broke treatment system
- suppliers: Valmet Mechanical Pulping, Andritz-Ahlstrom

Paper machine

- complete rebuild of paper machine
- production capacity 330 000 t/a
- web width 8640 mm
- supplier: Metso Paper

Off-machine coating plant

- production capacity 400 000 t/a
- off-machine coater
- web width 8600 mm
- 2 rereelers
- 1 supercalender

- 1 softcalender
- 1 winder
- supplier: Metso Paper

Roll handling

- capacity 2500 reels/d
- 1 wrapping line
- 1 rewinder
- supplier: Metso Paper

Automation

- new info, process control, machine control and quality control systems
- supplier: Metso Paper Automation

Electrification

- new main transformer, supplier: Siemens
- total process electrification, supplier: ABB
- building electrification, supplier: Polar 2000

Building volume

- new building 326 800 m³

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