

Stora Enso Fine Paper
Veitsiluoto Mill, Kemi
Finland



Complete woodfree paper machine rebuild, capacity of 280 000 t/a.

PÖYRY SERVICES

- pre-engineering and cost estimate
- time scheduling
- process engineering
- mechanical and piping engineering
- HVAC engineering
- functional descriptions for DCS configuration
- management of DCS system FAT- tests
- assistance in erection supervision
- assistance in commissioning and start-up

Schedule

Project decision October 25, 2002.
Installation shutdown started October 13, 2003.
Start-up December 5, 2003

TECHNICAL DATA

Product

Uncoated woodfree grades in the basis weight range 70-120 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
- new disc save-all
- suppliers: Metso Paper, Andritz

Paper machine rebuild

- production capacity 280 000 t/a
- web width 6600 mm
- complete rebuild of paper machine
- supplier: Voith Paper

Winder

- speed 2500 m/min
- supplier: Voith Paper

Roll handling

- new envelope reel wrapping line
- supplier: Raumaster Paper

Automation

- new process control, machine control and quality control systems
- supplier: Honeywell

Total investment

EUR 125 million



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