

Holmen Paper
Hallstavik
Sweden



Engineering for a 330 000 t/a improved newsprint machine. Replacement of the existing PM11.

PÖYRY SERVICES

- pre-engineering and investment cost calculations
- detail engineering for the paper mill
- assistance in commissioning and start-up

Previous major detail engineering projects for Holmen include PM53, BM2, PM52, PM51 and PM12.

Schedule

The paper machine started up in early April 2002, 17 months after the go-ahead decision.

Total investment

Approx. EUR 215 million (SEK 1850 million) including PM11, winder, TMP3, bleaching, power, steam etc.

TECHNICAL DATA

Product

Improved newsprint and magazine grades 42-55 g/m²

Raw material

100 % thermomechanical pulp
10 % filler



Paper machine

- PM11 supplier: Metso
- production capacity 330 000 t/a
- PM design speed 2000 m/min
- trimmed width 8650 mm
- OptiFlow headbox with dilution control
- vertical OptiFormer
- OptiPress with transbelt
- single-felt run dryer section
- 6-roll OptiLoad calender, on-machine
- OptiReel Plus
- WinBelt L winder, supplier: Metso
- heat recovery and ventilation, supplier: Metso

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