



Item n. 39

1. Main characteristics of PM

Machine installation	1976
Last main rebuild	2009
Original manufacturer	Beloit
Machinery status	Assembled on site
Paper grade	Fine papers
Basis weight range	40 - 120 gsm
Paper width at reel	5600 mm
Max. operating speed	700 - 1000 mpm

2. Scope of supply

The supply includes following items:

- Approach flow system for PM
- Complete paper machine
- Winder

3. PM Specification

7.1 Approach Flow System

Stock Refiners: Beloit DD SW refiners
Stock Cleaners: Andritz 1st – 5th Stage Stock Cleaners
Deculator Andritz (Clark and Vicario)

7.2 Headbox and wire section

Beloit Converflo Hydraulic (with Lamellas)
Forming Section: Beloit Fourdrinier Table
Valmet SymFormer R Hybrid Top wire unit (installed 1983)
Fabric change: Run-out table bottom, Cantilever top
Drainage elements: Ceramic Arc-Foils, Suction boxes, Forming shoe
Couch Roll: Suction type, Low Vac and High Vac zones Bronze and SS shells)
Couch pit: concrete pulper with 2x 37kW impellers

7.3 Press section

Standard Pick-up

Tri-Nip Compact Press

Press loading capacities: 1st Press 70 kN/m

2nd Press 90 kN/m

and 3rd press 120kN/m

Press pit: concrete fitted with 2x160kW double rotors (with screen plate)

7.4 Drying section

34 pcs od drying cylinders in pre-drying section plus 15 pcs in post drying section – slalom type

Max. Pressure 5 bar, diameter 1500 mm

Conventional dryer hood and pocket ventilation system

Steam system – cascade

Stationary syphons

Complete Siemens drive for drying part (1997)

Kusters hard nip calander (1997)

Lubrication system (2009)

7.5 Film press

Metso Sym Sizer installed in 1997

DCS system for film press installed in 2009

7.6 Pope reel

Beloit standard reel up

7.7 Winder

Two-drum winder with new drive controls

Designed speed 2200 rpm

7.8 Miscellaneous

Vacuum Nash pumps

Rope threading – conventional

Broke pulpurs – concrete with motors arranged by belt pulley

DCS operator stations (2009)



4. Contact

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