



Item n. 37 3-ply Board Machine

1. General information

The machine is out of operation but still assembled. Inspections are possible on prior consent with owner.

2. Main characteristics of PM1

Last main rebuilt	1996 by Metso
Machine shut down	2011
Machinery status	Assembled ready to be inspected
Paper grade	Paper Board (Carboard, core board, cigarette board, etc)
Basis weight range	150-450 gsm
Wire width	3150 mm
Paper width at reel	2750 mm
Production	150 TPD
Design mechanical speed	290 mpm
Avg. operating speed	240 mpm

3. Scope of supply

The supply includes the following items:

- Stock preparation lines – one processing waste paper, second processing white waste paper or cellulose
- Approach flow system for PM
- Complete paper machine
- Winder

4. PM Specification

Stock preparation

2 pcs pulpers (1st 15 m³ and 2nd 20 m³)

Refiners (Escher Wyss) – 3 pcs of double disc refiners for unbleached kraft pulp

2 pcs of double disc refiners for bleached kraft pulp

1 pc of double disc refiner for bleached hardwood

Battery of 3 stage centrifugal cleaners station – top layer

Fan pump (Valmet) for each 3 layers
High pressure screens holes Ø 2 mm
Vibrating screens 1500 l/min

Paper machine

Wire part:

Headbox, Fourdrinier type. 3 Layers (top, middle and bottom)

Wire width 3000 mm

Wire lengths: top 22.7 m,

Middle 42.45 m

Bottom 46.80 m

Sym former on middle layer

Press part:

1 st press – blind drilled and suction roll

2nd press – long nip press, Ø1270mm

Offset press – Ø630 mm, single felted

Drying section:

Pre-drying section: 23 pcs of drying cylinders Ø 1524 mm

Yankee Ø 3600 mm

Intermediate drying section: 7 pcs cylinders Ø 1524 mm

Size press: Pound type

Post-drying section:

7 pcs Ø 1524 mm

Calander:

Type Sym Z, 3 zones

Winder:

Cameron Rewinder T-488

Auxiliary systems

Vacuum pumps:

Type Siemens Elmo (6 No.)

Bell E Type (3 No.)

Nash CL 2002 (2 No.)

Total Capacity 11.5 MWC

QCS

ABB, smart platform SP 1200 with Accuray 1190

Drive

Type AC, Siemens

VC Master drives controlled by S5-135 U PLC



5. Contact

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