



Item n. 35 Coated paper machine

1. Main characteristics of PM1

Last main rebuilt	2007 by Metso, Voith Comecart
Original manufacturer	Escher Wyss
Machinery status	Assembled ready to be inspected
Paper grade	Coated papers
Basis weight range	58 - 100 gsm
Wire width	4250 mm
Paper width at reel	3750 mm
Production	300 TPD
Design mechanical speed	1000 mpm

2. Scope of supply

The supply includes the following items:

- Approach flow system for PM
- Complete paper machine with size press
- Winder
- Offline coater

3. PM Specification

Approach flow

Pressure screens:

Beloit M50,
Voith MS08/08,
Beloit S.18 (this one is already dismantled).

Pumps:

Nash type CL1502
Nash type SC-4

Fan pump Sulzer SM-501-500
Sulzer pump SM501-500

5 stage of centrifugal cleaners

Fiber recovery system Beloit PDK

Paper machine

Wire part:

Wire width 4270 mm

Head box manufactured by Voith in 2007

Fourdrinier and top former made in 2007 by Comecart



Press part:

Bi Nip with separated pick-up,

3 press plain bottom felted (60 kN/m, 90 kN/m, 110 kN/m) with Nipco Roll on second and third position



Drying section:

Drying section consists of pre-drying section (41 pcs of cylinders) and post drying section (16 pcs of cylinders)



Calander

Winder

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

4. Contact

PAPCEL a.s.

Litovel, Czech Republic

www.papcel.cz

Senka Minic

e-mail: minic@papcel.cz

mobile phone: (+381) 64 6355 792 (Serbia)

office: (+420) 585 152 115

fax: (+420) 585 343 001