



PAPCEL®

TRADITION • STRENGTH • EXPERIENCE

since 1950

Item n. 12

1. General information

Paper mill located in Europe is a manufacturer of packaging grades of paper having two paper machines. PM3 is available for sale together with accompanying approach flow part and without stock preparation line.

2. Inspection of PM3

Paper mill is willing to welcome potential buyers for the inspection of the machinery anytime agreed with the team on site and second hand team of Papcel a.s.

3. Status of machinery

Paper machine together with its approach flow has been stopped with operation in November 2012 but it is still assembled and possible to inspect (when agreed with the staff of paper mill).

4. Main characteristics of PM3

Last main rebuilt	1998
Original manufacturer	ER-WE-PA
Machine shut down	November 1, 2012
Machinery status	Assembled on site
Paper grade	Fluting
Basis weight range	90-150 gsm - recycled fluting 100-150 gsm - semichemical fluting
Wire width	4700 mm
Paper width at reel	4460 mm
Paper width at winder	4400 mm
Design mechanical speed	800 mpm
Avg. operating speed	550 mpm



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Společnost zapsána u Krajského soudu v Ostravě, oddíl B, vložka 1356. Den zápisu: 15.5.1996.

Incorporated Company (Business Register by Regional Court of Justice in Ostrava, Section B, Insert 1356. Date of register: 15th May 1996.

5. Scope of supply

The supply includes following items:

- Approach flow system for PM3
- Complete paper machine
- Jagenberg Winder

6. Additional services available upon request

Services that Papcel a.s. can offer to Buyers are the following:

- Transportation to Papcel and/or to Buyer's facility;
- Civil and process engineering;
- Paper machinery refurbishing;
- Provisioning of new PM parts and section's rebuild;
- Provision of new stock preparation equipment;
- Furnishing of PM auxiliary systems;
- Furnishing of starch preparation systems;
- Project management;
- Assembling on site;
- Start-up and personnel training;
- Furnishing of spare parts.

7. PM3 Specification

7.1 Approach Flow System

- Headbox pump with capacity $Q=2400\text{m}^3/\text{h}$, $H=10\text{m}$, 550 rpm
- Mixing pump with capacity $Q=1872\text{m}^3/\text{h}$, $H=28\text{m}$; 990 rpm
- (2) Turboseparator made by Voith. Designed with slotted screen baskets #0,65mm, using electric motor 48kW, 310rpm. Capacity per machine is 11 tph.
- Deculator-cleaner system for deaeration of the stock in approach flow, manufactured by Clark&Vicario, with performance 9m of vacuum



- Poly disc filter Enso-Gutzeit (mesh $0,25\text{mm}^2$)



7.2 Headbox

Headbox is pressurized and its slice is 4700 mm wide. It has a step diffuser.
33 pcs of actuators for CD grammage regulation on headbox.



7.3 Wire section

Forming suction drum with size: \varnothing 1128 mm x 5185 mm face length

Gap former (twin wire) is manufactured by Overmechanica in 1983. Wire size is 17.0 m x 4.85 with 11 carrier rolls

Dewatering is ensure by 9 suction boxes&foils.

Suction couch roll has face length of 5000 mm and diameter \varnothing 750 mm.

Pick up roll with size \varnothing 850 mm x 5300 mm

Wire return and drive roll size \varnothing 720 mm x 5000 mm

Water knife and trimming nozzles.



7.4 Press section

Press section includes 3 nips in combination with Kusters S-rolls

1st nip: suction roll \varnothing 1050 mm and S-roll \varnothing 620 mm

2nd nip: suction roll \varnothing 1050 mm and press roll \varnothing 1250 mm

3rd nip: press roll \varnothing 1250 mm and S-roll \varnothing 620 mm



7.5 Pre-drying section

Pre-drying section consists of 25 drying cylinders, size $\varnothing 1500$ mm x 4650 mm working with 5 bar operating pressure.



7.6 Size press

Inclined size press, puddle type.

The rolls for size application are top: $\varnothing 1020$ mm x 4780 mm and bottom $\varnothing 1030$ mm x 4780 mm



7.7 Drying section

Drying section consists of 14 drying cylinders, size $\varnothing 1500$ mm x 4650 mm, working with 5 bar operating pressure.



After the drying section the machine is equipped with ABB measuring frame.



7.8 Pope reel

The carrier drum of the reel is $\varnothing 1000$ mm x 4670 mm.

This section is equipped with Turn-up System, manufactured by IBS.



7.9 Winder

The winder manufactured by Jagenberg Vari Dur with drum size $\varnothing 2500$ mm x 4300 mm.
Number of cutting units is 6 and the smallest possible cutting width is 250 mm
Maximum winding diameter is 1830 mm.



8. Contacts

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