



## PM4 7.500 MM PAPER MACHINE FOR SALES



### Paper Machine PM 4

- **Manufacturer** Valmet / Voith / Beloit et al.
- **Year of manufacture** 1970/1988/1995/2014/2024
- **Working width of the paper** 7,500 mm
- **Speed (max.)** 1,200 m/min
- **Basis weights** Coated: 39-90 g/m<sup>2</sup>, raw: 25-55g/m<sup>2</sup>
- **Capacity** 190,000 tons p.a.

#### Paper Machine PM 4 - Headbox

Consisting of: Pressure screen, Sulzer headbox pump, Sulzer mixing pump, Sulzer, disc filter, Andritz (SF401), deculator, (Kap) 35 m<sup>3</sup>, (Clark & Vicario), with Cleanerbank, 3-stage, thickener (Finckh) 1999, reject sorting, 3-stage with fibre sorter and fibre sorter and Omniscreen (VS401), 20 Bulk tanks and containers, for stock/water

#### Paper Machine PM 4 – Screen Section

manufactured by Valmet, Top screen length 30 m, bottom screen length 50 m, pulper, plant length approx. 22 m, couching pulper (B12) with vat capacity 28 m<sup>3</sup>, Screen suction roller, take-off roller

#### Paper Machine PM 4 – Press Section

Press section (PM4), 4 press nips, 2 ceramic rollers ceramic rollers, 3 Nipco rollers, rubberised double suction press roller, press pressure 70 - 120 kN, endless felt, press breaker (B496), System length approx. 14 m

#### Paper Machine PM 4 – Drying Section

(1988/1994) consisting of: 35 steam-heated drying cylinders Ø. 1,800 mm, surface temperature 70 - 115°C, working pressure max. 5 bar, machine bonnet, manufactured by Voith/Kofra, with extraction, ventilation, heat recovery (Sulzer) with 2 heat recovery towers Condensate removal, demolition monitoring.

#### Paper Machine PM 4 – Straightener

manufactured by Beloit, working width 7.500 mm, control system (Siemens), calander pulper

#### Paper Machine PM 4 - Paper web inspection system

manufactured by Voith, working width 7,500 mm, 2 measuring heads.



**Paper Machine PM 4 - Paper hole inspection system**

manufactured by Parsytec, 17 surveillance cameras for hole detection.

**Paper Machine PM 4 – Pope Reeler**

manufactured by Valmet (1994), type Optireel, working width 7,400 mm-7,520 mm, control, Siemens, type SPS, tambour magazine.

**Paper Machine PM 4 – ReWinder**

manufactured by Valmet (1994), type Optireel, Working width 7,400 mm – 7,520 mm, control system, Siemens, type SPS, web inspection system, Parsytec, video monitoring system, reel spool magazine.

**Paper Machine PM 4 – Vacuum unit 1**

Manufactured by Sulzer Escher Wyss, type RC-4A-4N-80, built 1985, Continuous speed max. 6,327 rpm, flow rate 7.8 kg air/s, pressure 0.26 bar, with drive motor, Siemens, 1,160 KW, intermediate gearbox, (Maag),

**Paper Machine PM 4 – Vacuum unit 2**

Manufactured by Sulzer Escher Wyss, type RC-4A-4N-80, built 1989, Continuous speed max. 6,327 rpm, flow rate 8.37 kg air/s, pressure 0.3 bar, consisting of: Drive motor, intermediate gearbox, vacuum generator.

**Paper Machine PM 4 – Vacuum unit 3**

Manufactured by Sulzer Escher Wyss, type PT 56-1, built 1988, continuous speed max. 11,088 rpm, delivery rate 3.87 kg air/s, pressure 0.49 bar, consisting of: Drive motor, intermediate gearbox, vacuum generator.

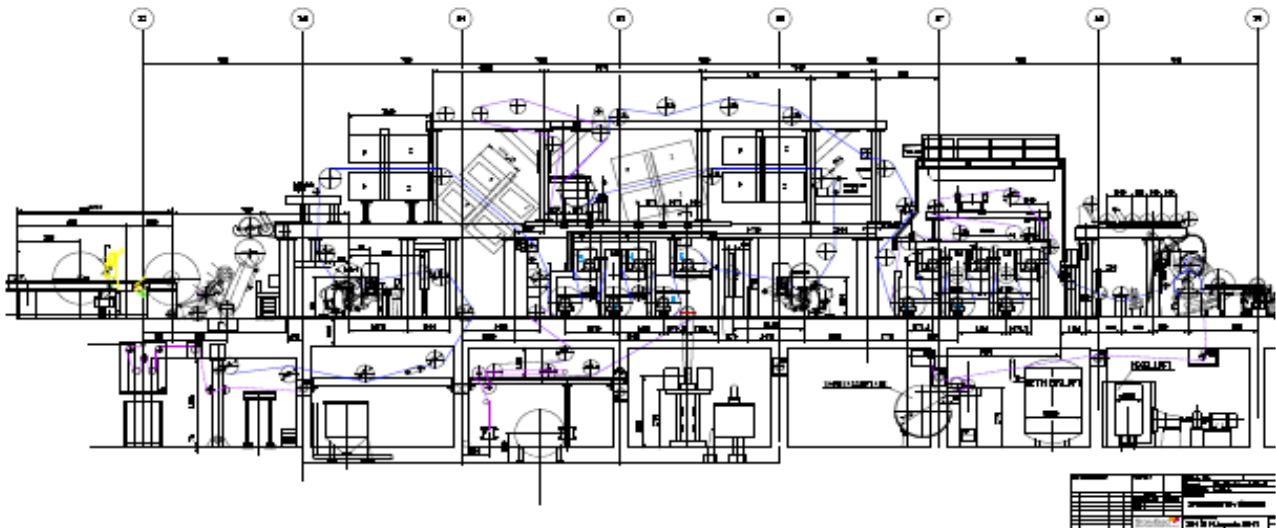
**Paper Machine PM 4 – Vacuum unit 4**

Manufactured by Sulzer Escher Wyss, type RT56-1, built 1988, continuous speed max. 14,880 rpm, delivery rate 3.87 kg air/s, pressure 0.49 bar, consisting of: Drive motor, intermediate gearbox, vacuum generator

**Paper Machine PM 4 – Water Treatment plant**

for extra clear water (PM4), consisting of: various pumps  
pumps, vats, tanks

### Coating Machine (SM 4)



Operating speed 1,420 m/min, consisting of: Unwinding, coating unit 1, carbon blade coater (2015), hot air drying, cylinder contact drying, coating unit 2, manufactured by Voith/Sulzer, type Jetflow F, with Voith Web inspection system, Parsytec web monitoring system, Working speed max. 1,600 m/min, Infrared drying, cylinder contact drying, machine bonnet, manufactured by Voith/Kofra, reel, working width 7,500 mm

- **Manufacturer** Voith.
- **Year of manufacture** 1970/2001/2015
- **Working width of the paper** 7,500 mm
- **Speed (max.)** 1,420 m/min

### Super Calander (Calander 6)

Working width 7,500 mm , for calendering base paper, coated paper, 12 rolls, operating speed 800 m/min, 6 paper rolls, 6 chilled cast iron rolls, 8-fold roll magazine, integrated passenger lift, web cutter, reel spool magazine, web inspection system, control system, manufactured by Siemens, type PLC

- **Manufacturer** Kleinewefers
- **Year of manufacture** 1996
- **Working width of the paper** 7.500 cm



### Super Calander (Calander 7)

Working width 7,500 mm, automatic splicing device, order no. 21803970, for calendaring base paper, coated paper, 12 rolls, operating speed 800 m/min, 6 paper rolls, 6 chilled cast iron rolls, 8-fold roll magazine, integrated personnel lift, web cutter, reel spool magazine, web inspection system, Voith reel, built 1996, control system, manufactured by Siemens, type PLC

- Manufacturer Kleinewefers
- Year of manufacture 1996
- Working width of the paper 7.500 cm

### Slitter / Rewinder (RS5)

24 reel stands, working width 7,400 mm, control room, soundproof cabin, PC control, reel support, for 3 full reels, reel support, for 3 empty reels, speed 2.300 m/min

- Manufacturer Jagenberg
- Type Vari-Top 850-150
- Year of manufacture 1996
- Working width of the paper 7.400 cm

