

John Wilkie Paper Mill Services Ltd

Maryfield, Manse Lane St Fillans Perthshire UK PH6 2NF

Tel 0044 (0)1764 685267 Fax 0044 (0)1764 685395 email WilkieMaryfield@aol.com

www.johnwilkiepms.co.uk

Two Paper Machines 7250 mm deckle

Paper Grades: Gravure Standard 42 to 60 gsm, Improved Gravure 51 to 70 gsm, Offset Standard 42 to 60 gsm, Improved Offset 54 to 70 gsm.

Paper Machine PM4



Voith paper machine built 1985 with rebuilds 1990 and 1997, operating speed 900 to 1250 m/min, design speed 1400 m/min, 35 to 55 gsm, production capacity 300 to 500 t/day. Deckle 7450mm.

Flowbox

Duoformer CF, 94 actuators on slice. Water jet tail cutter.

Press section

Duocentri 2 with 4 presses.

Dryers

1 - 3 dryers section Uno run and 4 -5 dryer section conventional.

Calender

Kusters Milti-HV. Caliper control with 24 cross sections. Metso IQ plus. Siemens S5. Drive Seimens Modulpac (GS; analog)

Directors: John Wilkie, Christine Wilkie B.Sc. B.Acc.(Hons), C.A.

Registered in Scotland: No. SC 254554 Vat No. GB 827444418

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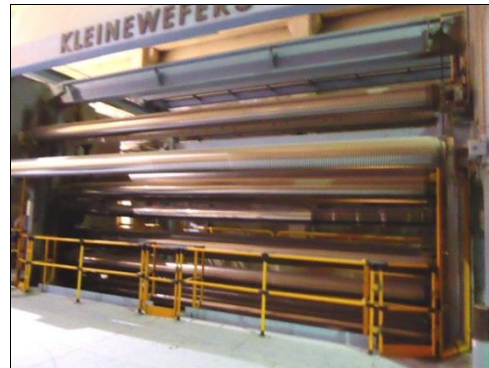
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Coater



In line coating machine by Voith, deckle 7450mm, finished deckle 7350mm, speed 1400 m/min, coating 45-80 gsm. Voith jet flow coaters, CD control with 102 actuators, Kreiger gas dryers, moisture profile control IRCON (2x) with 102 zones. Siemens Modupac drives with GS analog.

Three Supercalenders



Kleinewefers 12 roll supercalender, width 7350mm, design speed 1000 m/min. Operating speed 700-800 m/min, line load 220 to 320 Kn/m. 8 section of rolls nipco- toproll, 4 x steel rolls, 6 x paper rolls. 8 sections nipco bottom rolls. Sesomat reeler, year 1985, QCS Accuray 1180, Voith Nipcontrol, Seimens S5 sps, drives Siemens Modulapac (GS;analog).

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Rewinders



Two Jagenberg Varitop rewinders and one Jagenberg Vari-Dur rewinder.
7400mm width, design speed 2200 m/min, operating speed 1300 -1500m/min,
10 roll maximum capacity, roll width 400 to 3800mm and roll diameter 1500
mm.

Maximum tambour storage 4 shells. Tambour dimensions 2900mm/34 ton.
Centre drum WC-steel roll, rewind stations 2 centre winders. Year 1985. Centre
drive installed 1994 Simadyn D. PLS JagMatic, Siemens S5, drives Siemens
SimadynD (GS; digital).

Daily production 570 t/day.

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Paper Machine PM10



Voith paper machine built 1972 with rebuilds 1991 and 1998, operating speed 1250 m/min, design speed 900 to 1400 m/min. LWC base paper.

Twin wire ,gap former Duoformer CF,125 micro adjusters on slice, capacity 70,000 ltrs/min. 29 to 53 gsm papers. 300 to 560 t/day. Total rebuild from headbox to pope reel up in 1991.

Press

Esher Wyess nipco press section, two press sections, with 8 zones, profile control by measurex.

Dryers

Drying sections: 40 dryers in first section, two cooling cylinders, 6 after dryers and 4 stages.

Finished roll weight 30 tons.

Coater

In line coating machine by Voith, blade coater, gas drying, speed 1500 m/min, coating applied 39 to 80 gsm. Deckle 7450mm , finished deckle 7350mm, speed 1400 m/min. Voith jet flow coaters, CD control with 102 actuators, Kreiger gas dryers, moisture profile control IRCON (2x) with 102 zones. Siemens Modupac drives with GS analog .

8 section of rolls nipco- toproll, 4 x steel rolls, 6 x paper rolls. 8 sections nipco bottom rolls. Sesomat reeler, year 1985, QCS Accuray 1180, Voith Nipcontrol, Seimens S5 sps, DRIVES Siemens Modulapac (GS;analog).

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Laboratory Equipment



Rewinders



Two Jagenberg Varitop rewinders and one Jagenberg Vari-Dur rewinder.
7400mm width, design speed 2200 m/min, operating speed 1300 -1500m/min,
10 roll maximum capacity, roll width 400 to 3800mm and roll diameter 1500
mm.

Maximum tambour storage 4 shells. Tambour dimensions 2900mm/34 ton.
Centre drum WC-steel roll, rewind stations 2 centre winders. Year 1985. Centre
drive installed 1994 Simadyn D. PLS JagMatic, Siemens S5, drives Siemens
SimadynD (GS; digital)

Daily production 532 t/day.

Roll wrapping

Roll wrapping line with paper wrapping: year 1991.

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Stock Preparation



TMP production from spruce wood chips, maximum capacity 720 t/day. Four two stage refiner lines each with 60" single disc refiners, 8500 kW or 11,500 HP motors, five reject refiners each with 60" single disc refiners and 4,400 kW motors.

Screening with 0.15/0.20 mm slotted baskets.

Maximum power rating of motors on the refiners is 90,000 kW.

Production stream: wood chip silos, refining, latency chest, screening and thickening, TMP storage chests.

Reject stream: chest, refining, latency chest, screening and cleaning.

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Water/Effluent treatment

Water intake

3000 m³/ hour, gravel bed filters, mill fresh water storage 3000 m³.

Effluent treatment

Buffer chest 4000 m³.

Pre clarification settler 3500 m³.

First stage: biological treatment 2250 m³.

Floatation basin

Second stage: three line biological treatment 2250 m³.

Reactive capacity 5500 m³.

Biofor filter system: 5 filter beds .

ARA capacity rate 14,500 m³/day.

COD: 85-90%.

BOD: 96-99%.

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FOR YOUR GENERAL INFORMATION WE HAVE TO INTIMATE THE FOLLOWING TO YOU:

This schedule has been prepared solely for the guidance of prospective purchasers and does not constitute (and at no time shall be deemed to constitute) an offer or contract or any part of an offer or contract. Additionally, no warranty is given to the accuracy of any measurements, specifications or other details whatsoever given within this schedule.

Whilst every reasonable effort has been made to verify any statement, description, or comment made within this schedule, for the avoidance of doubt it is emphasised that the purchaser must make their own enquiries and satisfy themselves.

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