

John Wilkie Paper Mill Services Ltd
Maryfield, Manse Lane St Fillans Perthshire UK PH6 2NF
Tel 0044 (0)1764 685267 email WilkieMaryfield@aol.com
www.johnwilkiepms.co.uk

Paper Machine - Decor Paper and Pre-Impregnated Papers



Paper Machine

- **Deckle 2250 mm**
- **Grammages 45 - 200 g/m²**
- **Construction Speed 650 m/min**
- **Color from white to black**
- **Capacity 25.000 t/year**
- **Installation 1958 - Ongoing technological modification, upgrading and extension to be state of the art**
- **1987/88: New headbox, wire section, twinformer**
- **1995: Modification after dryer section**
- **1996: Double nip soft calender, Thermo + MHV-rolls**
- **2014 /2015 New process & control system, Siemens PCS 7, Renewal DC to AC, MultiMotorDrives,**

Directors: John Wilkie, Christine Wilkie B.Sc. B.Acc.(Hons), C.A.
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- exchange motors, gear boxes, Siemens FC, new pressure supply unit (couch squirt with changing function); online Size press - new Voith LSC-Scanner
- 2016 - 2020 Online color measurement system X-rite, new earth color pumps, replacement wire guiding system,
- Ongoing maintenance of electronics, motors, pumps etc. during paper machine in operation
- All components world renowned brands like Sulzer Escher Wyss, Andritz Küsters, Voith, Ahlström, Bellmer, Siemens, Nash, IBS, EMA,
- Paper Machine in operation until December 2022

Machine and equipment in excellent conditions

Constant part, headbox/wire section, press section, drying section, reel

Stock Prep /Approach flow

Stock prep partly available (stainless steel chests, agitators, pumps etc.) for this PM. Main stock prep equipment also in use for other 2 machines at the site.

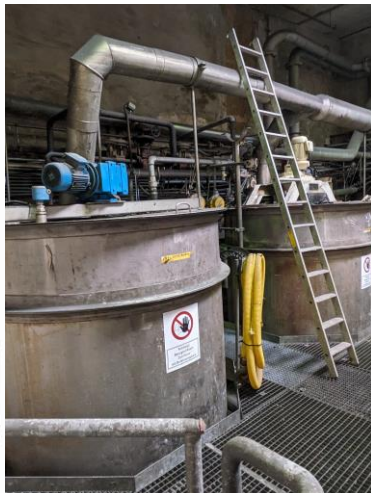
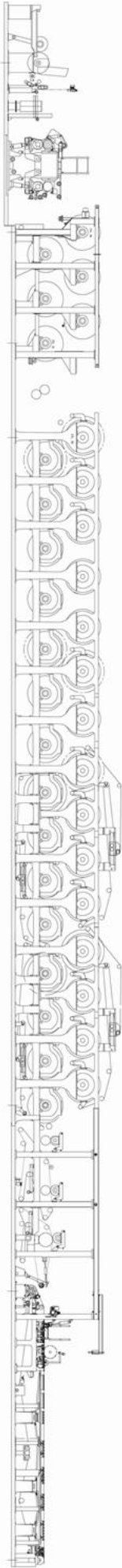
Approach flow stainless steel chests / machine chest with pumps, agitators, drives, 2 Refiners, 2 Vacuum pumps Nash, 3-stage Cleaner section with 15 cleaners, Primary (MSA10/10-1) and secondary sorter Voith,



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Headbox/ Wire section:



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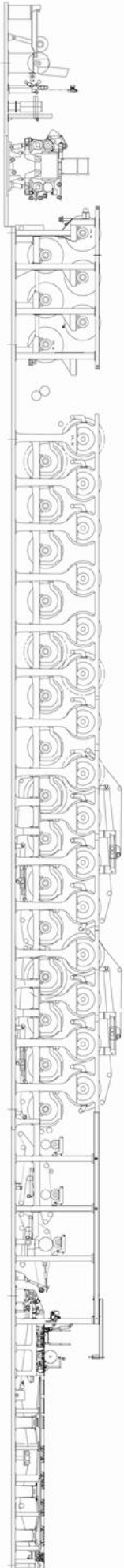
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Headbox Sulzer Escher Wyss, TYP Master Jet F, year 1988, 6.200l/min., perforated rollers, step diffuser, automatic lip adjustment, control via DCS, gearbox with spindle nuts; Discharge width 2.533mm, breast roll 2.800mm, Ø 504 mm;

Cantilever wire section 1987/88: Stainless steel fourdrinier section with Twin Former S and Duo Shake; Carrier wire: 34.150 x2.690 mm, suction roll 2.930mm Ø 820mm, vacuum control via valves, zones or suction boxes



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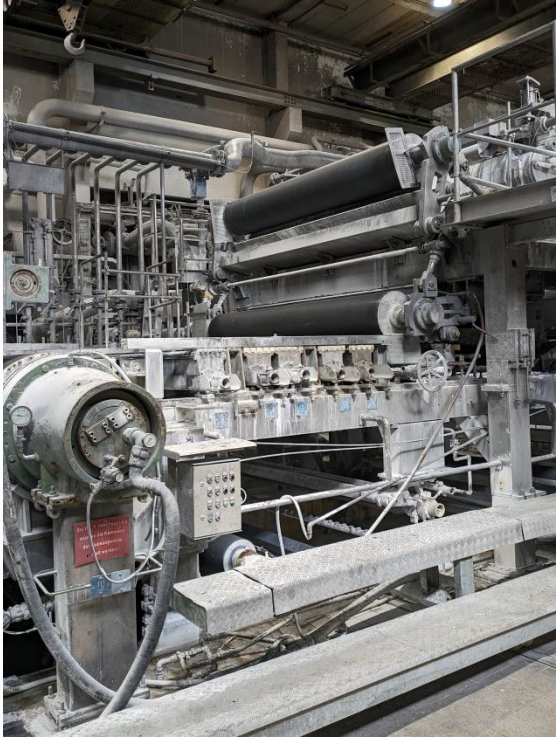
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Press section / Glue Press

Press section: Ahlström Year 1991, 3 presses, Central roll / Pick-up; 1. and 2. Press: ceramic S- rolls 2.700mm, grooved, 60/90 kN/m, 3. Press: ceramic s-roll, grooved, 2.700mm, 120 nK/m



Glue Press /Syzsizer: Ahlström, Year 1978, 600m/min, 60kN/m, rolls Ø 800 x 2.598 mm



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Voith LSC Scanner for moisture and grammage, Year 2013, Color Measuring system X-rite, Infrared-Dryer



Drying section

Pre-Dryers / After-Dryers, 6 drying groups,

1. Drying group, Ahlström, year 1973 / 2.-6. Drying groups, Voith, silent drive
Pre-Dryer 36 drying cylinders / After dryer 9 drying cylinders / 2 cooling cylinders,
all Ø 1.500 x 2.650 mm, all up to 3,2 bar; dewatering: rotating syphons,



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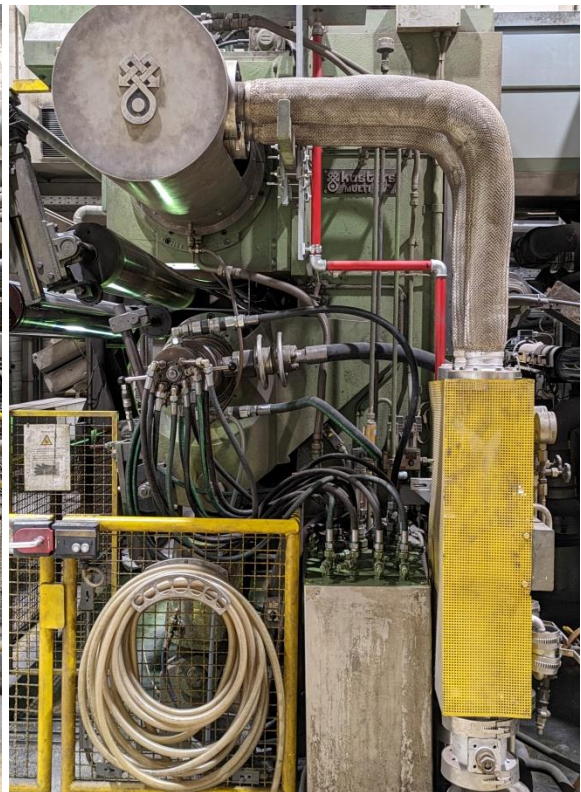
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Calender: Andritz Küsters , 2 x MHV Calender, thermal oil system, Year 1996, Typ Multi HV, 400kN/m, thermal-oil heated rolls 140/180° C, Top roller 2 Thermo-rolls with ceramic surface, Ø 915 x 2.600 mm, bottom roller 2 MHV-rolls with 16 zones, Ø 550 x 2.600mm,;



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VIB steam humidifier



Reel section/Popperoller

Bellmer Pope reel winder, Typ: carrying roller, year 1999, reel drum \varnothing 1.104 x 2550 mm; reel surface rubberized, partly felted; Tambours and tambour transport carrier



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Further Equipment (part of the Paper Machine):

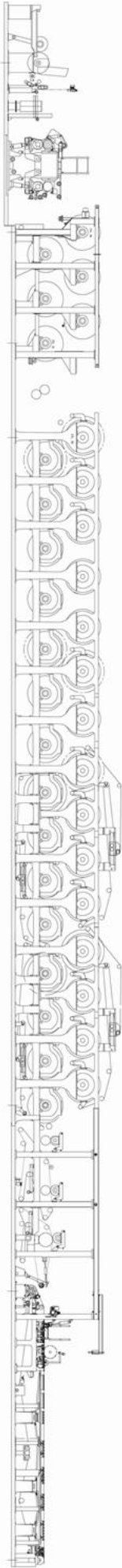
Electronic / Control Cabinets



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Laboratory Equipment

Laboratory items specially for decor paper and Pre-impregnated papers (PRIP) presses, heater/oven, measuring instruments for moisture, color etc. (see photos)

Other lab instruments and lab equipment in use for the other machines and not for sale.

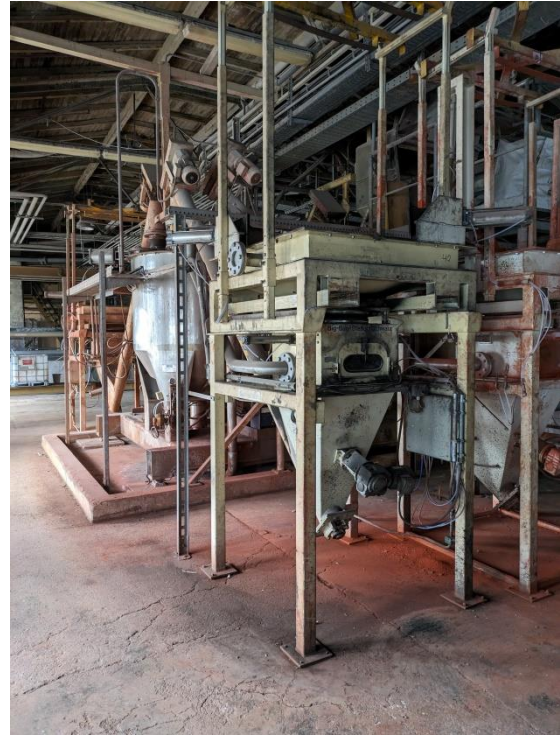
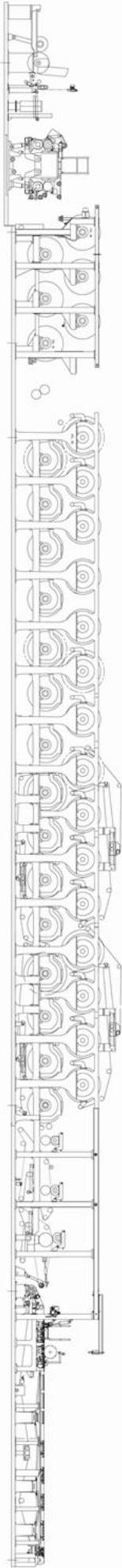


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Chemical /Color System



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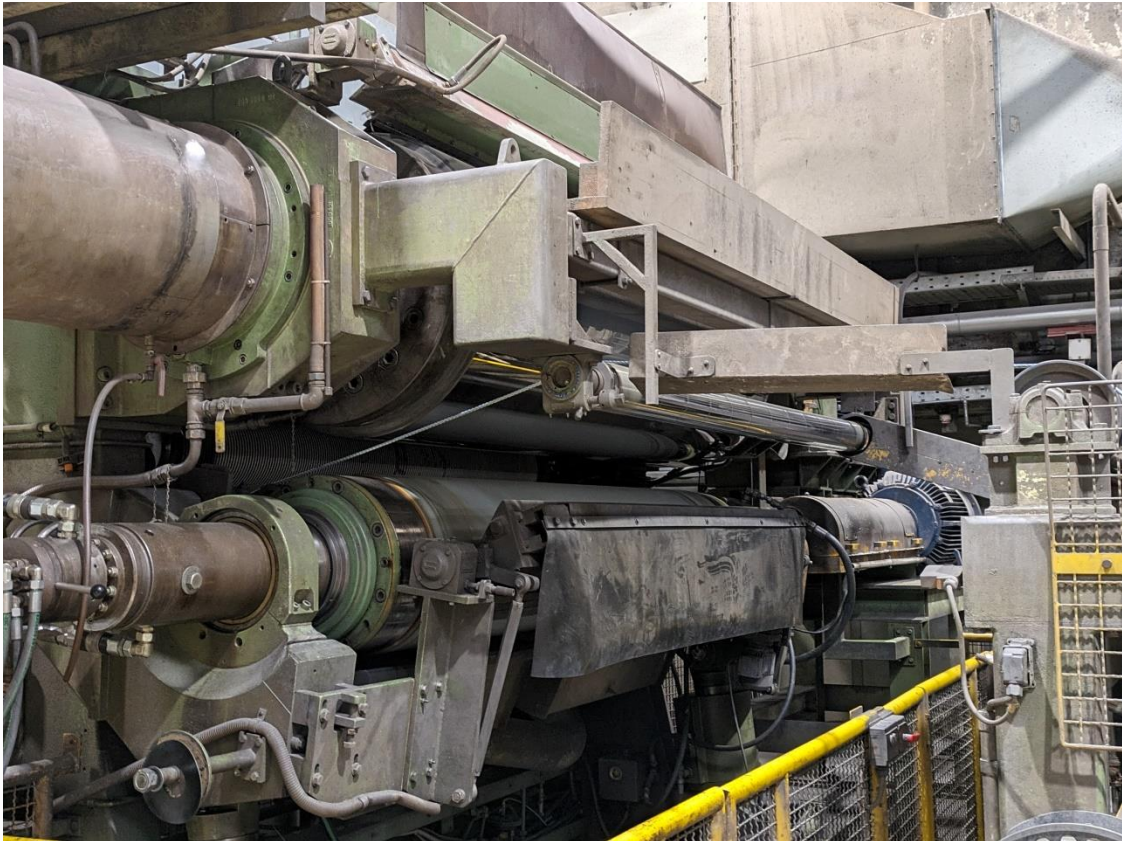
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Drives



Küsters Multi-HV calender- roller section



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Spare Parts (which belong to the PM)

Available spare parts like electronic parts/cables, pipes, pumps, accessory, spare rolls, felts, wires, motors, switchboard / control desk etc.

Spare parts to be inspected during the visit.

Spare rolls for example



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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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