

John Wilkie Papermill Services Ltd

Maryfield, Manse Lane St Fillans Perthshire UK PH6 2NF

Tel 0044 (0)1764 685267 email jw@wilkiemaryfield.co.uk

www.johnwilkiepms.co.uk

INCLUDING DE-INKING, PULP EQUIPMENT AND PAPER FINISHING EQUIPMENT.

CONTACT: JOHN WILKIE jw@wilkiemaryfield.co.uk

ALL EQUIPMENT AVAILABLE FOR SALE IN CONJUNCTION WITH HILCO GLOBAL AUSTRALASIA Pty Ltd.

CONTACT: ADAM SCHARER CHIEF EXECUTIVE OFFICER
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SECTION 7 IN MILL DETAILS

CHEMIWASHER



Black Clawson Chemiwasher
Stainless steel
Mechanical design UOM
Suction length 18 m
Suction width 5 m
6 Washing stages
Wire width 5200mm
Basis weight 1200 gsm at 50 m/min
Machine speed 35 to 65 m/min
Discharge consistency 11%

Pulp Grade	Pre Knotted and screened Eucalyptus	Pre Knotted and screened Pine
Kappa	15	45
Consistency Headbox	0.03	0.03
Pulp Temperature	95 degrees C	85 degrees C
pH	Dec-13	12-13

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Wash water	50 degree C Plus	80 degrees C
Production rate	471 ADT/day	620 ADT/day
Washing efficiency	99%	
Dilution Factor	1.0 to 1.2	

SCREEN ROOM



Manufacturer/Supplier	Andritz
Year of Installation	2007
Pulp Type	Pinus radiata
Kappa	45
Consistency	3.2-3.45%
Max. Flow Primary Screen	450 m3/hr
Production Rate	620 T/D

All screens in the BKM are 0.28mm slots

Knotter Moduscreen CT6L

Knot washer KW8

Primary screen number 1 Moduscreen FT3

Primary screen number 2 Moduscreen FT3

Secondary screen Moduscreen FT3

Tertiary screen Moduscreen FT2X

Sand cleaner number 1 Ahicleaner RB300 HD

Sand cleaner number 2 Ahicleaner RB300 HD

Reject washer KW8R

Reject screw conveyor (two outlets one inlet) length 3610mm, diameter 356mm

The reject refiner is a single disc 22-1C with a 250 Kw motor.

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SECTION 5 IN MILL DETAILS

DIP PLANT Now sold

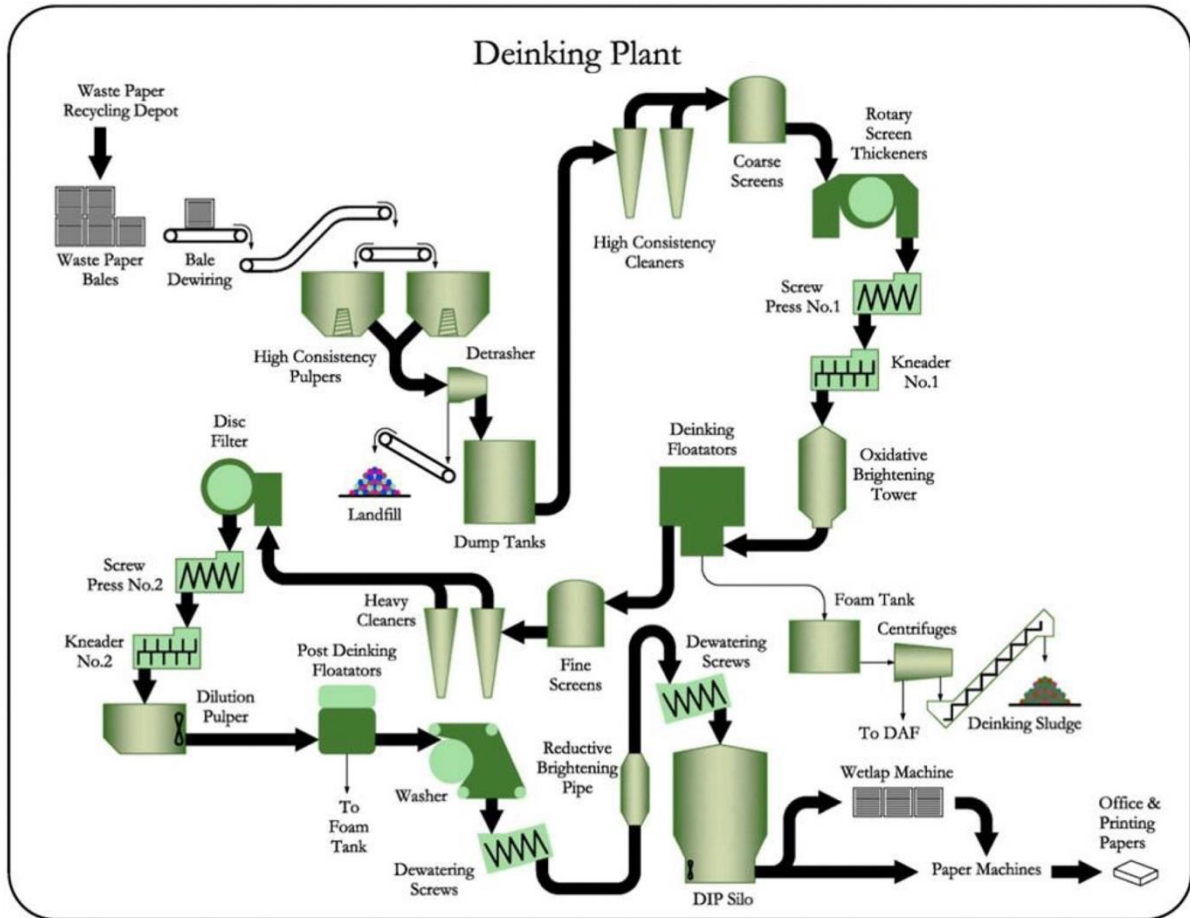


Yield 64%

Waste paper		190.6 t/day
Moisture		8%
Waste paper	ADt/D	195.5
(Back water)	ADt/D	6.8
Production (BST)	ADt/D	112.3
Production (ex outlet)	ADt/D	107.7
Reject +Yield loss	ADt/D	115.0
Waste Paper	t/hr	7.5
Steam	kl/H	1.4
Back water	kl/H	225.9
Filtered water	kl/H	45.0
Production (ex-outlet)	kl/H	23.4
Reject	kl/H	205.9

Bin/Sludge/waste water

Bin	Sludge	Waste Water	Total
1	5	200	206 kl/H
23.96%	37.67%	1.05%	- con.
5.8	49.6	55.9	111.3 Adt/D



Single conveyor with de wiring feeding two stainless steel Lamort Helico pulpers, each 25 mtrs/3 capacity, gearbox drive. Consistency 8 to 18%.. The mill operated at 14.3% and diluted pulp prior to a Lamort Piore pulper.

Pulpers dump to a secondary pulper type Lamort Piore. Plastic to land fill.

Stainless dump chest then to heavy rejects to Lamort HD cleaners.

Coarse screens Aikawa manufacture.

- No 1 coarse screen, Holes 1.3mm, Drawing PM 46782, Model FRH-1000
- No 2 coarse screen, Slot 0.18, Drawing PM 46783, Model FH10G
- Coarse Rejects screen, Holes 1.3mm, Drawing PM 46797, Model FR-600
- Secondary coarse screen no. 1, Slot 0.18, Drawing PM 51471, Model FH-800G
- Secondary coarse screen no. 2, Slot 0.18, Drawing PM 46786, Model GFF600
- Tertiary coarse Screen, Slot 0.18, Drawing PM 46793, Model GFR-400

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- After coarse screens stock to a rotary screen thickener Rotating Screen Thickener no. 1, Manufacture = FUKOKU KOGYO CO, Model = HC_RST_S1,200Dx4,000L, Related Drawings PM46739
- One screw press Manufacture is FOKOKO KOGYO CO. Model is SHX-1,250 x 9,000L (see Drawings PM 46741 and PM742)
- Kneader Manufacture = SHINHAMA, Model = CCE-8-1500, Related Drawing PM 46676
- Dilution pulper & Post de inking floatation: Dilution Pulper – VOITH AK8, Four Flotators - VOITH, MT-50.

Oxidative brightening tower:

Lamort De ink cells

- Primary De-inking Cell 1, Manufacture = LAMORT, Model = Size VII, Type Temming, Related Drawing PM 46684.
- Primary De-inking Cell 2, Manufacture = LAMORT, Model = Size VII, Type Temming, Related Drawing PM 46685
- Primary De-inking Cell 3, Manufacture = LAMORT, Model = Size VII, Type Temming, Related Drawing PM 46686
- Secondary De-inking Cell , Manufacture = LAMORT, Model = Size IV, Type Temming, Related Drawing PM 46687

Fine screens:

- Fine Primary Screen no. 1, Slot 0.13, Drawing PM 46796, Model B12G(FC)ZS1925
- Fine Primary Screen no. 2, Slot 0.13, Drawing PM 46795, Model B12G(FC)ZS1925
- Fine Secondary Screen, Slot 0.13, Drawing PM 46790, Model FH08G-ZS2352
- Fine Tertiary Screen, Slot 0.13, Drawing PM 46791, Model FH08G-ZS2350

Two Lamort HD cleaners stainless steel

Disc filter

KVAERNER. Model number (looks to be KDF370)

- One screw press Manufacture is FOKOKO KOGYO CO. Model is SHX-1,250 x 9,000L (see Drawings PM 46741 and PM742)

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- Kneader Manufacture = SHINHAMA, Model = CCE-8-1500, Related Drawing PM 46676

Dilution Pulper – VOITH, AK8
Flotators x 4 - VOITH, MT-50

Washer VOITH SULZER, Model = VARIO SPLIT VA1E 3500

6 Dewatering screws: Manufacture: BLACK CLAWSON FRANCE, Model: Hydradenser 1B16.

Reductive brightening pipe.

6 off Dewatering screws, Manufacture = BLACK CLAWSON FRANCE, Model = Hydradenser 1B16

DIP Silo

Pulp to wet lap or paper machines.

Water treatment for the DIP are:

- DAF no1, Make = MERI, Model DELTAPURGE 27, See Related Drawing is PM46695
- DAF no2, Make = MERI, Model DELTAPURGE 170, SEE Related Drawing is PM46694

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SECTION 3 IN MILL DETAILS

PULPER

Pulper for trim number 2, Broke pulper year 1997, with core link core stripping unit, conveyor system, capacity 19.5 m³/3, production 2.5 to 3.3 t/day, and outside pulper, stainless low consistency pulper, Number O9P10.

CUT SIZE LINE



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Sheeters (CSS3)

ECH Will A4/A3 sheeter, 12 pockets, six double floor pick up unwinds, edge guiding, tension control, decurling section, synchro cut, model SLK470U, serial number 07749, year 1991.reject gate. Grammages: cut 70,75 and 80, maximum operating speed 350 m/min, gripper cycles/min 13.75 and layboy for 12 pockets when cutting A4 size.

This sheeter with two packing lines.

Packaging line number one (CSS3)

Pemco/Robotic Automation

year 1994

sheet size A4

wrapper speed 140 reams/min

cartoniser maximum speed 115 reams/min

accumulator maximum speed 100 reams/min

Packaging line number two (CSS3)

Pemco/Robotic Automation

year 1994

sheet size A4/A3

wrapper speed 120 reams/min

cartoniser maximum speed 115 reams/min

accumulator maximum speed 100 reams/min

robot maximum speed 100 reams/min

Bulk packer (CSS3)

Pemco

Year 2000

Cartoniser maximum speed 45 reams/min

Accumulator 45 reams/min

Pallet Line (CSS3)

Make Robotic Automatic

Year 1994

Film wrap speed 21 pallets/hr

Pallet Line number three (CSS5)

Make Robotic Automatic

Year 1998

Sheet size A4 and US letter

Wrapper maximum speed 140 reams/min

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Cartoniser maximum speed 125 reams/min
Accumulator maximum speed 120 reams/min
Robot maximum 100 reams/min

Packaging line number 4 (CSS5)

Make Robotic Automatic
Year 2000
Sheet size A4 and US letter
Wrapper maximum speed 140 reams/min

Cartoniser maximum speed 125 reams/min
Accumulator maximum speed 120 reams/min
Robot maximum 100 reams/min

CSS Pallet line (CSS5)

Make Robotic Automation
Year 1998
Film wrapper speed, dom,pallets/hr 34

CUT SIZE LINE TWO CSS5



Sheeter complete with two lines for paper wrapping, labelling, ream collator, two box lines, conveyor to pallet stacker.

Will A4/A3 sheeter, 12 pockets, six double floor pick up unwinds, edge guiding, tension control, decurling section, model 260/12/R, Serial number 97H79720 , year 1997.

Sheeter complete with line for paper wrapping, labelling, ream collator, two box lines, conveyor to pallet stacker.

Hydra Pak horizontal baler with auto wire tying for sheeter trim.

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JAGENBERG REWINDER



Salvage rewriter Jagenberg VariDur,width 2770mm on knife shaft, Unwind Jagenberg: inclined floor pick up, shaftless with individual disc brakes, tension control, various core chucks, 10 slitters manual setting, core feeder, shaftless rewind 1800mm diameter. Twin motor drive, reel ejector and lowering table. Year 1996, number AW236`2, TYPE 45U5 -2600.

BRITISH REWINDER U2A



British rewriter model U2A, Shaftless Langston floor pick up unwind, year early 1960s, design speed 1220 m/min, operating speed 700 m/min, unwind reel width 2700mm, rewind width 2600mm untrimmed. Narrowest reel width 120mm, diameter rewind 1530mm, min diameter rewind 650mm, 10 slitters manual setting, core sizes 3 and 8 inches.

PULPER

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PM1 Black Clawson pulper, volume 19 m3, year 1994, for reel core broke, core link reel stripper, number 09P08, conveyor for paper removed from cores, Stainless steel batch pulper . Capacity 4 to 6 t/d.

THIS INFORMATION IS THE TITLE OF JOHN WILKIE PAPERMILL SERVICES LTD AND SHOULD NOT BE COPIED OR FORWARDED TO A THIRD PARTY WITHOUT CONSENT.

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

No warranty being given to the accuracy of any measurements, specifications or other details whatsoever given within the 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 many details taken from information supplied have not been able to be verified.

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