

Appleton Coated - Major Equipment List

Steam and Power Generation

50MW General Electric Mdl LM6000 Cogeneration Plant new 2001

18,800 total hours. Reconditioned in 2016

Dresser Rand 7.5 MW Steam turbine generator

#9 Combustion Engineering Steam Boiler 110,000-lbs/hr 850 PSI @ 750 degrees F

#10 Foster Wheeler Ltd. Steam Boiler 250,000 lbs/hr 850 PSI @ 850 degrees F

Mixed fuel capable (coal, gas, wood waste, pellets)

#11 ABB Combustion Engineering Steam Boiler 200,000 lbs/hr 850 PSI @ 750 degrees F Gas/oil fired

#7 and #8 Wickers Steam Boilers 120,000 to 150,000 lbs/hr

Stock Preparation

Lamb bale handling and conveyor system feeding (4) pulpers. Including bale cutting station, dewiring and tipper conveyor; Cranston conveyor infeed to (5) Beloit Shark Pulpers, (1) Barracuda Pulper - Refiners (5) 34" Beloit Jones DD3000, (1) 34' Sprout Waldron R 34EMA, (4) 42" Beloit Jones DD4000, (4) 42" Beloit Jones DD4600

Paper Machine #1

114" (2.89M) Trim Fourdrinier Paper Machine

Valmet rectifier roll headbox with cantilevered S/S fourdrinier Table.

Valmet MB SynFormer (**Complete Wet End installed 1998**)

Beloit Bi- Nip Press section with stand-alone 3rd press.

Beloit Main dryer section 48" O.D. (27) Dryers two tiers. 125 PSI

BTG Bill Blade Coater with Spooner mfg. air return and Krieger gas fired inferred dryer. Single or double side coating

Beloit secondary dryer section 48" O.D. (9) dryers two tier. 125 PSI

Beloit two roll calendar stack with Top Queen roll and King roll controlled crown.

Honeywell Experian MX system installed in 2017 (1.5M) investment

Valmet Series M-Reel Horizontal track reel. Mfg 1998

Lenox Slitter Rewinder with shaftless rewinding for 60" OD rolls. AC drive upgrade in 2017

Nekoosa Rereeler

(10) Nash vacuum pumps (1) CL 1000, (6) CL 3000, (2) CL 6000, (1) CL 904 R2

Additional Equipment: Andritz/Bauer primary though quaternity cleaners, Impco 15 disk saveall

Voith Primary, Secondary and Tertiary Pressure Screens: Size 30, Size 10 and Size 5

GE Drive individual drive upgrade in 2008

Rereeler AC drive upgrade in 2015

Full DCS installed in 1998

Major upgrade in 1998 25 million USD invested

PM Max speed 2200/FPM (670 MPM)

Basis Wt. 43#- 175# (64-260 GSM)

Packaging grades: Liner, Coated white top, Bag

Other grades: Base stock for CFS, Matte finish for CFS, Thermal base stock, enhanced inkjet

Paper Machine #6

222" (5.64M) Trim Fourdrinier Paper Machine

Beloit Converflow hydraulic headbox with cantilevered S/S Fourdrinier Table.

Voith Duoformer D Top former installed in 2001.

Beloit Bi-Vent Press Section with 3rd press rebuild in 1992

Beloit Uni run dryer section two tier with (27) dryers 60" O.D. 100 PSI

BTG twin HSM Coater with Spooner mfg air return and Kreiger gas fired inferred dryer (1998). Single or double side coating

Beloit secondary dryer system 60" O.D. (9)

Kusters Mdl Multi MH-V Soft Calender Mfg. 2000

Honeywell Measurex system major upgrade in 2012

Beloit horizontal track reel with covered drum

Beloit two drum rewinder for 60" O.D. rolls. AC drive upgrade in 2000

(10) Nash vacuum pumps (2) CI 1000 (1) 904L2, (4) 6000, (2) 9000

Additional Equipment: Bauer cleaning system, Bird Esher Wyss Mdl 60N Primary pressure screen, Bird secondary pressure screen, Beloit 18 Disk Saveall

PM Max speed 2500 FPM (762 MPM)

Basis Wt. 26# - 80# (38-118 GSM)

Packaging grades: Medium, Bag, lightweight food service

Other grades: Matte Finish for CFS grades, carbonless & thermal base stock, enhanced inkjet

Paper Machine #7

224" (5.67M) Trim Voith Fourdrinier Paper Machine (New 1993)

Voith Mdl_W-13500 Stainless Steel Hydraulic headbox with fourdrinier table.

Gould 3420 fan pump rated 27,487 GPM

Voith Mdl Duoformer D

Bi-Nip Press section with stand-alone 3rd press- 1st 400 PLI; 2nd 600 PLI & 3rd 800 PLI

Voith Dryer section with (30) 60" O.D. cans rated 100 PSI

Voith SpeedSizer Metering Rod Coater

Spooner air return and Krieger gas fired inferred dryer

Voith Aquitherm 2 roll calendar stack

Honeywell Measurex scanning system

Voith Horizontal Track Reel

Voith Type 85 ML 575 Two drum slitter rewinder Rated 8000 FPM (2438 MPM)

Valmet Mill Roll Rereeler

Nash Vacuum Pumps (2) 904 M1, (1) 904M2, (2) 904 R1, (2) 904 R2, (2) 904 S1, (2) 904 T2

Ahlstrom Mdl Twincleaners-Primary, Secondary, Tertiary an Quaternary

Ingersoll Rand 12' Dia. X 20 disc Saveall

Voith Sultz S/S size 40 Primary, size 20 Secondary and size 10 Tertiary Pressure screens

Electronic Drive upgrade in 2007.

Maximum speed rated 3500 FPM (1066 MPM)

Basis Wt. 26# - 80# (38-118 GSM)

Packaging grades: Liner, Coated white top, lightweight food service

Other grades: Base stock for CFS, Matte finish for CFS, Carbonless base stock, C1S label base stock, Specialty

Coater-Laminator/ Finishing Department

113" Jagenberg 'UTOPIAN' Coater Laminator New 1996 with upgrades in 2004

Jagenberg unwind stand with additional Paper Machine Technology unwind installed in 2004 for increase capacity and ability to run 2 separate coating paths.

Laminator station for combining webs when required

(4) Jagenberg Combi Blade stations. Two (2) separate coater stations

(4) Krieger gas fired inferred dryers plus (4) gas fired flotation dryers

Honeywell Measurex 4000 scanning system

(2) Horizontal track reels

Cellier Deliteur Mixing system and tank farm

(2) 110" Valmet AR-1000 single drum slitter rewinders New 1996

Valmet Unwind stand. 60" Maximum rewind O.D. Shear slitting

PLC controls. Rated 7500 FPM (2286 MPM)

(AC drive upgrade in 2016)

(2) 110" Voith Sulzer Off-line Calendar Stack Rated 3500 FPM

Unwind stand with low speed flying splice. Heated steel roll 400 degree F.

2 soft rolls. 4 nip calender Honeywell Measurex scanning system, Rewind station

AC Drive system

(2) 65" Jagenberg Synchro Contimat 1700mm Folio Sheeters New 1998

(4) roll unwind system with 17" (431mm) minimum and 65" (1650mm) maximum sheet length

Fully automatic skid changer

(One (1) with Allen Bradley AC Drives in 2015)

Additional Finishing Equipment:

Packmatic Type AFCL Carton Packaging Line, Woodward Jogger aerator, BBC Industries skid shrink system, Advanced Dynamics roll wrapper, Cameron and Stanford roll doctor rewinders

Print Dept: Komori Lithrone 28 Mdl L528 for sheet testing, Polar Mohr Mdl 92ED Guillotine,

Automatic Roll Handling and Roll Wrapping, Complete Material Handling & Rolling Stock, Shops, Spares & Stores, Kone Crane Automatic Warehouse System, Sample Print Shop, Water Treatment, Lab & Test Facilities,