

BTMP PULP MILL FOR SALES

The pulp production facility operated with a daily capacity of 565 tons/day. For grinding 11 Voith continuous grinders with an assembled power of 33 MW were used. The wood pulp was then bleached in 2 two-stage bleaching plants, also with a daily capacity of 565 tons/day.

1st stage hydrogen peroxide
2nd stage hydro sulfite



Wood Yard – Sawing & Debarking

The entire wood yard produced approx. 550.000 cubic meters of wood p.a. Raw wood up to 4m length from spruce, pine and poplar was sawed into 1m pieces, debarked and delivered to the grinding department for further processing. The bark was separated and sold for bark mulch production.

Wood Saw

The circular wood saw comes complete with feeding and sorting table (up to 4.000mm), separation belts, control room in a container, Siemens PLC and camera surveillance for the complete debarking process.

- Manufacturer Andritz / FMW
- Year of manufacture 2000
- Saw Blades 3 x Ø 1.600 mm
- Working width max. 4.000 mm
- Cutting width 1.000 mm
- Throughput up to 200 cubic metre / hour



Drum Debarker

- Manufacturer Andritz
- Year of manufacture 2000
- Drum diameter 7.000 mm
- Drum length 27.000 mm

Sorting plant

The sorting plant with 2 stations, PLC and camera surveillance is used to separate debarked from non-debarked wood.

- Manufacturer Andritz
- Year of manufacture 1999

Conveyor Belts

A deep bunker (70 cubic meters per hour) is loaded with wheel loaders for the automatic transport of the timber. The conveyor belts are equipped with intermediate gearboxes and monitoring systems.

- Manufacturer Andritz
- Year of manufacture 1999

Drum Traverser

Drum cross-layer for deflecting and separating logs, with control stand and video monitoring

- Manufacturer Andritz
- Year of manufacture 2003
- Working width 1.000 mm

2 X Conveyor Belt to grinder

Conveyor belt with discharge chutes to the continuous grinders

- Manufacturer Andritz
- Length 30.000 mm
- Working width 1.000 mm



11 X Continuous Grinder

Consisting of wood filling chute, conveyor chains, grindstone, trough with wooden grinder, sharpening gun, splash water and outlet. Grinding zone 1m³

- Manufacturer Voith
- Year of manufacture 1980
- Grindstone Diameter 1.900 mm
- Grinding Performance 6,5-7,2 cubic metre / hour
- Motor / Gearbox Ansaldo 3.000 kW / Voith

9 X Vibration Sieves

4 Vibration Sieves with conveyor belt and hammer mill

Thickener

With 2 bow sieves

- Manufacturer Finkh
- Type EF1345
- Year of manufacture 1996

2 Disc Filters

Stainless steel Covering, w. vacuum pumps

- Manufacturer Voith
- Throughput 300 Tpd



Pressure Sorter

- Manufacturer Valmet
- Type TAS 340 E
- Year of manufacture 1997

Pressure Sorter

- Manufacturer Valmet
- Type TAS 200
- Year of manufacture 1997

Pressure Sorter

- Manufacturer Valmet

Pressure Sorter

- Manufacturer Tampela

Pressure Sorter

- Manufacturer Valmet
- Type TAS 10

Pressure Sorter

- Manufacturer Valmet
- Type TAS 10
- Year of manufacture 1995

Disc Filter

- Manufacturer Andritz
- Type DF 5716
- Year of manufacture 2003

4 X Refiner

- Manufacturer Asplund
- Type Defibrator RGB 42
- Year of manufacture 1970
- Motor Ansaldo 745 kW



3 X Refiner

- Manufacturer Asplund
- Type Defibrator RGB
- Year of manufacture 1969
- Motor Velden 588 kW

Refiner

- Manufacturer Asplund
- Type RF 36
- Year of manufacture 1977
- Motor Elin 630 kW

Fibre recovery system

Size HPW microfilter, water- and fabric tank, textile disc filter cover, 4 feed pumps

- Manufacturer Algas
- Year of manufacture 1995

Pressure Sorter / Fibre recovery system

- Manufacturer Voith
- Type MSS06/06
- Year of manufacture 2005

Disc Filter

Working platform, pipework

- Manufacturer Andritz
- Type DF 5205
- Year of manufacture 2001

Wood fibre oxidation bleaching plant

Complete bleaching plant with vats, pumps, presses, pipework, control system etc.

- Manufacturer Andritz
- Year of manufacture 1989

2-stage high-consistency peroxide bleaching plant

Complete bleaching plant with vats, pumps, presses, pipework, control system etc.

- Manufacturer Andritz
- Year of manufacture 1997

