

**Paper machine Voith, wire width 4210mm,
1200m/min.**

Also pulp preparation and finishing available.

Scope or machinery for sale

Pulp preparation

- Pulp bale destacking and dewiring
- Pulpers
- Refining lines, short circulation

Paper machine with auxiliaries

- Headbox
- Wire section
- Press section
- Predrying section
- Sizer, air dryer + after drying section
- Machine calander and pope reel
- Pulpers, vac, hydraulic and lubrication systems
- Cationic starch cooker

- **Finishing - Winder - Rewinder**

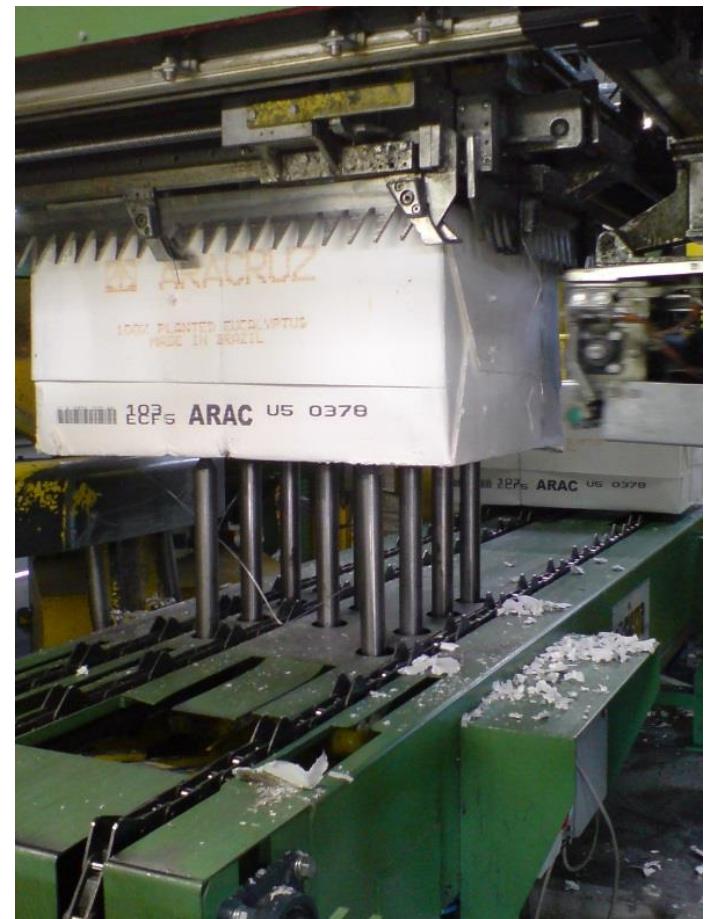
- **Other equipment**

- **Gas boiler as an Option**

Above scope is preliminary and nonbinding. The final scope to be negotiated and agreed with a customer. Machinery is sold "as is where is, without any guarantees".

Pulp preparation

- Pulp bales destacking and dewiring
 - Built by SICMA in 2005
 - Destacking of single pulp bales from 5 different lines
 - Dewiring of single pulp bales : capacity 75 bales/hour



Pulp preparation

2 batch pulper Valmet (1997 and 2003)

- 43 m³ - 250 kW

- Capacity (each pulper) :

10 single bales / batch 13 minutes cycle

(gravity emptying)



Refiners line

Short fibers line :

- 3 DD Hydraulic Andritz , 26 inches , started in 1997
- Installed power 3 x 450 Kw
- Capacity:10t/h (~240m³/h)

• Long fibers line :

- 3 DD Jones , 34 inches
- Installed power 3 x 400 Kw
- Capacity 6t/h (~145 m³/h)

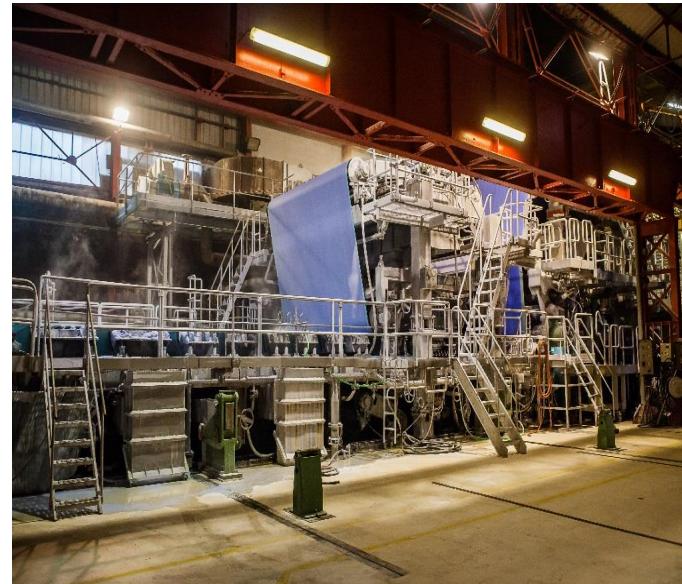


Paper machine general information

-Supplier	Voith
-First Start Up	1975
-Major rebuilt	2006
-Wire width	4.210 mm
-Trim width	3.850 mm
-Construction Speed	1200m/min
-Max. production speed i	1245 m/min (24h)
-Average speed	1164 m/min (1month)
-Grammage	45 - 135 g/m ²
-Quality	WFU fine and RCF Fine
-Filler Content	18 – 26 %
-Production Capacity	475 t/d (average)

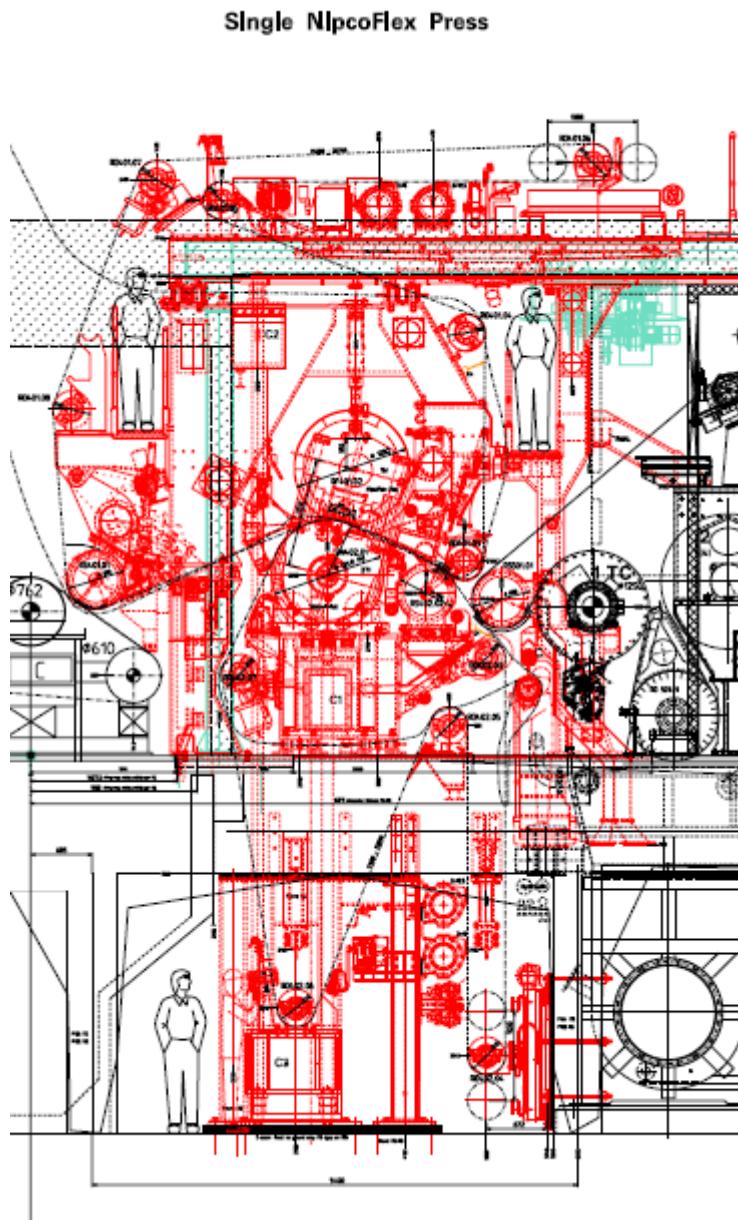
Paper machine Wet Part

- Dilution headbox Allimand 1995, rebuilt 2006
- Duo-former D voith 1999

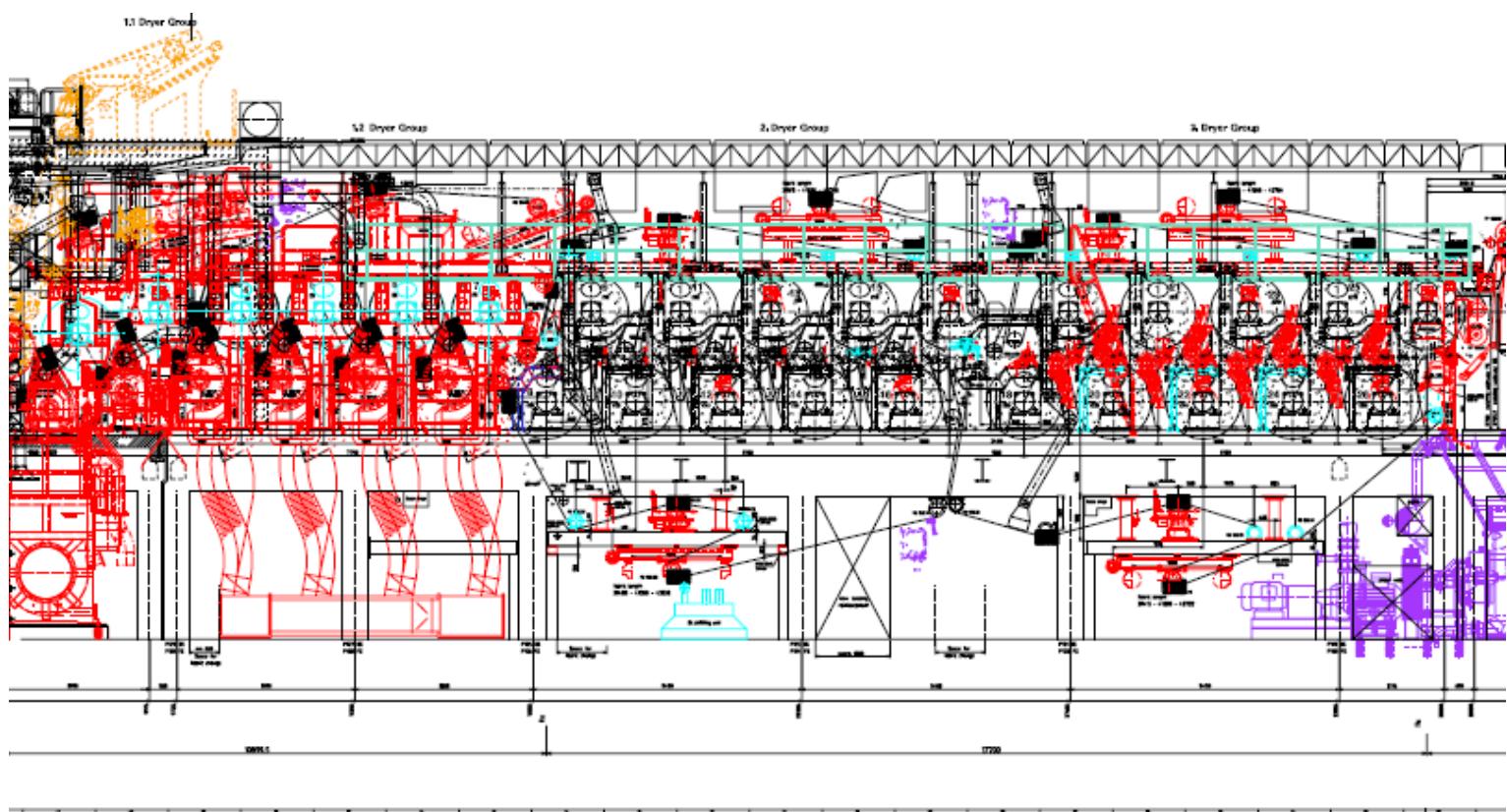


Press section

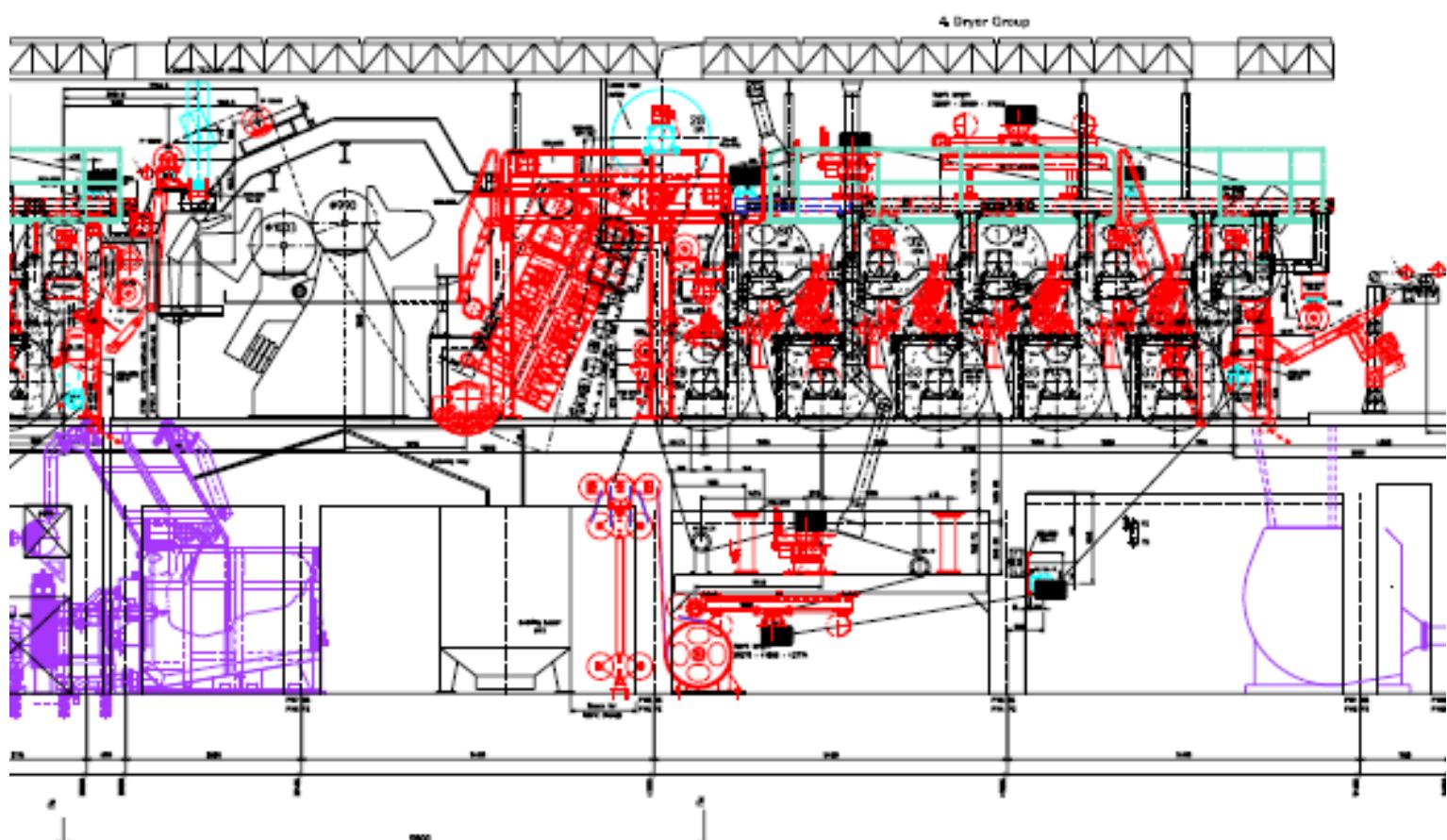
- Complete new press section, single nipcoflex Press, Voith 2006
- Design line force: 1400 N/mm
- Shoe length 290mm



Paper machine Pre-Dryer part



Paper machine MSP and Post-Dryer part

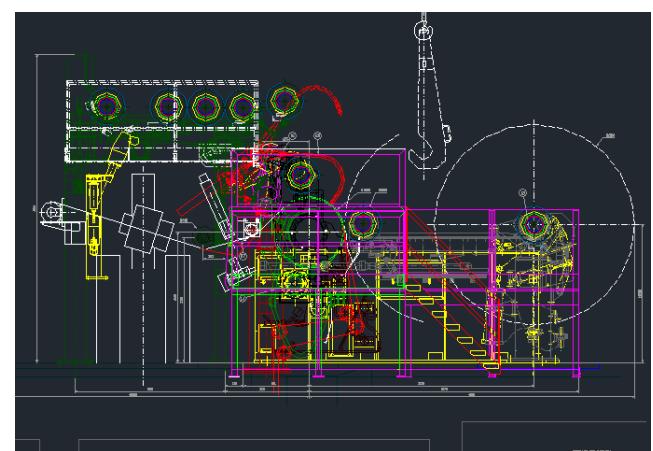
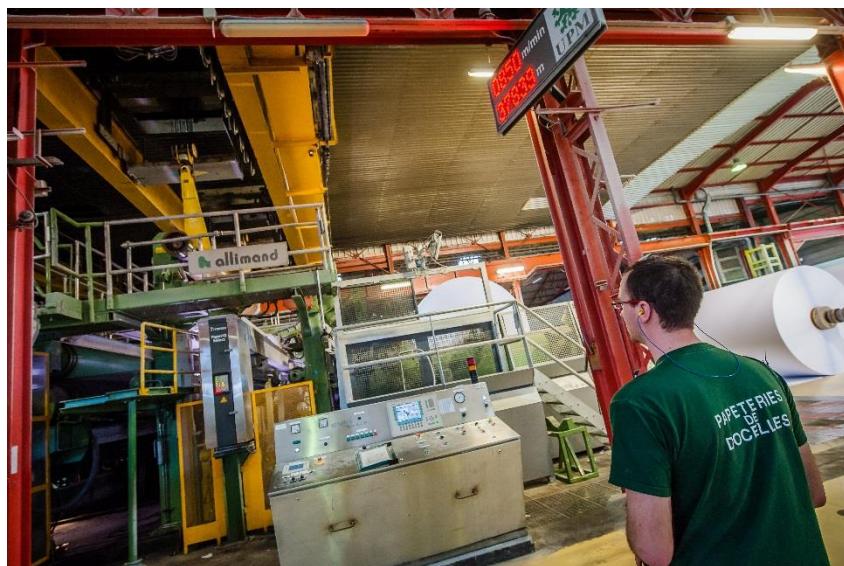


Dryer Part

Direct drives



Pope Reel, Allimand 2006



Main other equipment

Wire part

- 2 trim guard from Voith , 2012

Press section

- Tail cutter hydrojet from Voith , 2006
- 1 Duo cleaner from Voith , 2006
- 2 Feltview from Voith , 2006

Dryer part

- Ropeless tail threader and 2 fibron, VTT systems from Voith , 2006
- 8 fabric stretcher from Voith , 2006
- 1 Duo cleaner from Voith , 2006
- Impingement dryer from Voith-Krieger , 2006 (2000kW , 200°C)
- Integrated dryer (IR) from Voith-Krieger , 2006 (2450kW , 2 * 7row of 27 IR emitters)
- CB turn from Voith-Krieger , 2006

Pm drive

- Control by AC800 for 53 motors , ABB , 2006
- 31 new AC motors , ABB , 2006
- 19 new AC « Attached Drive » motors , Siemens 1FW 3283 for direct drive to dryer cylinders , delivered by Voith , 2006

DCS and QCS excluded

Web inspection:

-Cognex year 2003

On-line porosity analyzer

-Permi, ACA, 2007

Finishing

Winder

- Two drum winder Vari-Dur 65-15 Jagenberg , 1978
- Drive rebuilt , Siemens 2005 : speed up to 2 500 m/mn
- Unwinding stand rebuilt , Allimand 2005
- New slitter station with stand alone control (21 slitters for narrow width)) , new web cutting device for set change, automatic core chuck positionning , Voith , 2012



Reel Wrapper

- Metso Streampack , 1987 , 40 packs / hour , max width 1600mm
- All conveyors excluded



Gas Boiler as an option

Gas boiler Stein 2010 – Smoke tube boiler

- Power 24 MW
- Steam : 35 tons /h , 16 bars
- Yield : 95,1%



Other equipment:

- Cationic Starch cooker
 - Cavitron , 2007 • Design capacity : 50 to 300 kg/hr