

OFFER FOR SECOND-HAND EQUIPMENT: TISSUE PAPER MACHINE 2750 mm

Current status:	in operation
Manufacturer :	RECARD
Type	Crescent former
Year of construction	1998
Paper width on reel	2750 mm
Production speed	up to 1400 m/min
Grammage	14 to 23 GSM
Production	70 ton/day
Raw material	Virgin pulp
Key products	all type napkins, facials, toilets & kitchen towel
Drive voltage	400V, 50 Hz
Machine Drive type	(AC & DC 400V)
	Stock prep AC - mix of European and new Chinese motors
	PM DC drive Siemens license DC motors
	Circulation fan, fan pump - DC Siemens
	Capacitor for power factor correction
DCS	Siemens S7-400 (Includes MDP & MCC, cables)
Consumption figures:	
Natural gas	70 m3 / ton
Steam	1,9 t/t = 6-8 tph boiler required
Water	6 m3/ton
Electricity average	900 Kw/ton
Total operating power	1,6 Mw

HEADBOX:

Supplier : RECARD
Pond side width : 2780 mm
Layers : 1

WET SECTION / PRESSING:

Suction press 80 kN/m, dia 1040 mm
Blind drilled press: No
Felt control manual control (no load cells)

YANKEE CYLINDER:

Diameter 3600 mm nominal, grinded to cca 3596 mm
Width 3050 mm
Max Pressure 8 Bar
Make Overmeccanica
Max nip loading 90 kN
Remaining wall thickness about 57,5mm

Cast Iron material

Condensate headers

Hard coating metallisation applied in year 2022 by CRC UK Ltd – thickness 0,92 mm.

No problems with leakage around shaft.

NDT about 10 years ago, Pressure test with water 10 bar

Steam flow meter

Delta p control by two methods : fresh steam velocity or pressure

DRYING HOODS: (VALMET 1998)

Energy: Gas / max temp 450°C

Profiling: Yes (6+2)

Duo system operated by dcs

Hood material of frame: wet hood completely stainless steel, dry from cortum / mild steel

Simple screen for fresh air

DOCTOR BLADE:

No 1. Cutting

No 2. Creeping with Conformatic complete with oscillation

No 3. Cleaning

Operated from local control panel

POPE REELER:

Max roll diameter: 2300 mm

Maxi Width: 2730 mm

Automatic spool changing

Can be controlled from local panel or DCS

CENTRAL LUBRICATION SYSTEM:

For Yankee, press rolls

Manual flow & pressure control

Oil temperature control- no

VACUUM SYSTEM:

Original system with liquid ring pumps has been replaced by vacuum blower in 2024, in order to achieve energy savings. Both systems available.

- 1) **Vacuum blower** made by Shanggu, China, Year 2024, Power: 250kW, AC Motor
Speed of rpm controlled by DCs or local panel
Water separator tank

2) **Liquid ring pumps:**

- a. **Vacuum pump Nash**, Model 904T 1, Year 1998, Power : 250kW, AC Motor
- b. **Vacuum pump Azmec**, Italy, Model AL-100/2000, Year 1998, Power : 160 kW, AC Motor

No **QCS** installed. We can provide data of moisture and BW CD profiles. Option: we can separately provide offer for new or second hand QCS system for tissue machine.

Control system software : Siemens license (Chinese version) running on windows 7

Masterdrive for Yankee

Torque limiters no- manual change in software

Crawl movement yes

Idle drive Yankee yes

Creeping from 0%

Operating panel pope for arms movement

SLITTER REWINDER

Manufacturer : ACelli

Year of construction : 1998

Max width : 2750 mm

Max reel diameter : 1800 mm

Production speed : 1000 m/min

Basic weight range : 12 – 30 gsm

Max plies : 4

Drive voltage : 400V DC

Drive type : ABB

Slitter : 6 Pcs by Maxcess

FIBER RECOVERY: Krofta-type flotator equivalent to Model SPC 33 (vat diameter cca 9m, Capacity 6000 Lpm), complete with accesories



STOCK PREPARATION:

Pulper #1 low consistency, Chinese manufacturer, Capacity : 16m³ stainless steel chest

Power : 160kW motor

Note : with horizontal Conveyor, pulper pump 500 m³/min, etc.





Separate line for long, short fiber and broke line:

High Density Cleaner, 1 Unit

Refiner #1 double disc type, make Bruno, Brazil in 1997. Disc diameter 26".

Power : 330kW



Refiner #2 double disc type, make Bruno, Brazil in 1997. Disc diameter 26".

Power : 375kW

Deflaker #1 Chinese make, 15-60 t/day, made 2017.

Power : 55Kw



List of stainless steel tanks PM 15

- NBKP Dump : 70 m³
- NBKP Storage : 40 m³
- LBKP Dump : 70 m³
- LBKP Storage : 40 m³
- Broke Dump : 40 m³
- Broke Storage : 40 m³
- Mixing: 40 m³
- Mc Chest : 40 m³
- CW : 60³
- WW : 70 m³
- Silo : 34 m³
- Krofta : 20 m³
- UTM : 22 m³ (stainless steel cladded pit)



APPROACH FLOW

Fan Pump Manufacturer Ahlstrom, Model ZPP42 – 500, Year 1997, Power : 403 kW, DC Motor

Vertical Screen Manufacturer ST Machine, Italy, Model SPT 1200, Year 1997, Power : 45kW, AC Motor

Secondary pressure screen, Chinese make.

ACCESORIES

Include: Pump, tank, agitator, instruments, valves, piping

Reel wrapping machine included with stretch film , width 275 m

Dust collector system- including Venturi scrubber and fan, but not yet connected- canopy not installed

1 shaft puller

Spare rolls:

- o Wire Roll (2 Rolls)

o Felt Roll (2 Rolls)

o Suction Press Roll (1 Roll)

o Spools : 4 pcs

OPTIONS:

- Compressor brand ELITE air, Indonesia; Power = 75 kw; flow 14m³/h; pressure 7,5 bar, on- off type; Air Filter, Air dryer
- Steam boiler natural gas fired- 1 year stopped, 10 t/h, 12 bar.
- Steam boiler LNG gas fired 16bar 20 ton. Complete gas train, Condensate tank, water feeding pumps, Local control panels. Water treatment plant not included

Should be 15 bar to run termocompressor

Crane not included

Laboratory- not included

Medium voltage stations, Transformer 20kV -400v - not included can be discussed

Blade grinder- not included

Chemicals coating for Yankee- not included, owned by supplier; can be discussed separately

PHOTOS PM



