

Acme Surplus Machinery Inc.

Quality Surplus Machinery for Pulp & Paper

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Acme A098390 30 TPD 2100 mm Tissue Machine

1 second-hand BELOIT Yankee-Tissue

Type : Suction-Breast-Roll-Fourdrinier

Year of make: 1957

1973: installation of suction breast roll

1998: new QCS from Honeywell Measurex

Maximum sheet width at pope reel: 2100 mm

Maximum capacity : 30 t/day

Maximum operational speed: 900 m/min

Design speed: 1000 m/min

Product range: napkins, white and deep colour tone

Basis weight range: 15 – 30 gsm

Drive: right side in paper run direction

Raw material: virgin

Pulp drive voltage: 500V

Consumption data: steam approximately 2.5 t/t

Power approximately 800 kWh/t

Fresh water approximately 10 m³/t

Scope of equipment:

Stock Preparation:

1 pulper conveyor belt, including drive

1 Black Clawson high-consistency cleaner including drive



1 Sunds - defibrator type Conflo J01 double disc refiner including drive



2 Escher Wyss deflakers type Gr.1 including drive



1 Beloit disc-filter type Polydisc with 13 discs and 15.5 m² filter area. including drive.



Including all pipes, valves, pumps and instruments directly connected to the a.m. equipment.

Approach Flow System:

Complete approach flow system from outlet of machine chest to inlet of headbox including:

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2 centrifugal cleaners

2 Black Clawson Selectifier pressure screens

1 fan pump with drive.

Including all stainless steel pipes, valves and instruments.

Vacuum System

Complete vacuum system, including 3 vacuum fans, installed as cascade, with max. 137.3 m³/min and 3.6 m water column, separators, all stainless steel pipes, pumps, valves and instruments.

Paper Machine

1 Headbox, pressurized type, with manual cross profile adjustment, inside stainless steel Polished.



1 Wire part, cantilevered, made of fabricated steel, partly clad with stainless steel, including suction breast roll, all dewatering elements, wire drive roll, pneumatic wire guide, wire stretcher, high and low pressure cleaning showers.

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1 Press part including 1 suction press roll 614 mm diameter with shell made of bronze and 1 blind drilled press roll including lowering and lifting equipment.

1 Creping Part with 1 oscillating creping doctor, make KADANT-JOHNSON Conformatic and 2 cleaning doctorS.

1 Yankee Dryer, 3642 mm diameter, steam pressure 7.53 bars gauge, material: high class cost iron coated with wear resistant a high-chromium alloy, type TSX with a thickness of actually 0,57 mm (on radius).

1 High-Performance Yankee-Dryer Hood, make BRUNSCHWEILER, steam fired with 12 bars steam pressure, temperature max. 160°C, including tube-type heat recovery system.



1 Quality Control Scanner (QCS), make HONEYWELL-MEASUREX, type MX Open for the measuring of basis weight and moisture cross profile as well as color.

1 Pope reel, hydraulic type, designed for winding up reel to a max. diameter of 1.5 m.

1 complete PM-Drive, including drive control.

1 Doubling-rewinder with 4 unwind stands, designed for 1 – 4 layer products. Max. rewind-diameter depending on number of layers between 1320 and 1500 mm.



Complete including drive and drive control.

Spare Parts : included as far as available

Technical Documentation : included as far as available

Condition : Excellent. Machine was fully operational when shut in October 2011. After shut down it has been carefully cleaned and all parts sensitive to corrosion have been impregnated with corrosion protection material. In order to avoid deformation of rolls and cylinders the machine will be turned minimum once a month.