

## TISSUE MAKING PLANT Ref. CPT162

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#### MAIN TECHNICAL DATA:

Complete plant, from pulper to slitter-rewinder, for the manufacturing of tissue Papers, based on virgin pulp. All the indicated elements are included in the supply

Manufacturer:	RECARD
Type:	Crescent former
Year of construction:	1998
Nominal width:	2780 mm
Trimmed width:	2730 mm
Design speed:	1500 m/min
Production speed:	up to 1450 m/min
Grammage:	14 to 23 GSM
Production:	75 ton/day
Raw material:	Virgin pulp
Drive voltage:	400V 50 Hz
Machine Drive type:	(AC & DC 400V)
Hood Drive type:	Siemens AC
With DCS system.	
Major rebuilds:	Headbox refurbished by RECARD (ST Macchine) in 2011
Key products:	all type of hankies, napkins, facials, toilet paper & kitchen towel

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### **STOCK PREPARATION & APPROACH-FLOW SYSTEM**

- a. Pulper conveyor belt, with 1,5 kW electric motor.
- b. Medium consistency Conventional Pulper, capacity 40 m<sup>3</sup>, with 250 kW electric motor.
- c. Pulper discharge chest, 70 m<sup>3</sup>, made of stainless steel, with propeller and 18,5 kW electric motor.
- d. High density cleaner, capacity 1800 l/min.
- e. Double disc refiner BRUNO, 26", with 375 kW electric motor.
- f. Double disc refiner BRUNO, 26", with 375 kW electric motor.
- g. Stock chest, 70 m<sup>3</sup>, made of stainless steel, with propeller and 18,5 kW electric motor.
- h. SULZER Fan-pump, type ZPP42, with 508 kW electric motor.
- i. ST MACCINE Pressurized screen, with 45 kW electric motor.

### **TISSUE MACHINE**

#### **1. Forming section, Crescent Former type**

- RECARD Headbox, rebuilt in 2011.
  - Slice width: 2780 mm
  - Number of layers: 1
- Forming cylinder, diameter 1540 mm
- 5 wire rolls, diameter 530 mm
- 8 felt rolls, diameter 480 mm
- Number of suction boxes: 2 units

#### **2. MG Cylinder:**

- Diameter: 3580 mm
- Face width: 3050 mm.
- Working pressure: 7,5 bar
- With creping, cutting and cleaning doctors.
- Metalized by JAGER in 2015

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### **TISSUE MACHINE**

#### **3. Suction Press:**

- Face width: 3320
- Diameter: 1040 mm
- With 1 suction chamber

#### **4. Hood:**

- Maker: Valmet
- Energy: Natural gas, maximum blowing temperature is 450 °C.
- With profiling system.

#### **5. Pope reel:**

- With automatic spool storage system
- Maximum winding diameter: 2000 mm
- Maximum width: 2730 mm

#### **6. Accessories:**

- Brunnschweiler dust exhaust system, from 2011.
- Voith infrared scanner, from 2012
- Hydraulic system
- Lubrication station
- Water treatment system
- Spares: mechanical and electrical standard spares.
- Consumables: some felts and wires

#### **7. Rewinder:**

- Maker: RECARD
- Number unwinding stands: 4.
- Maximum working width: 2820 mm
- Maximum diameter of parent reel: 2200mm
- Maximum diameter of final reel: 1500mm
- Operating speed: 1500 m/min
- Number of slitting knives: 16 units
- With dust removal system.
- With final wrapping system