COMPLETE COATED BOARD MILL FOR SALES

1. Stock preparation

- Pulpers
  1. Discontinuous high density pulper (15%) - 15 cubic meters capacity – normally used for the bottom layer
  1. Continuous low density pulper (4%) - 23 cubic meters capacity – normally used for the top layer
  1. Continuous low density pulper (4%) - 17 cubic meters capacity – normally used for mechanical pulp
  1. Continuous low density pulper (4%) – Kadant, 30 cubic meters capacity – normally used for waste paper- With Ragger, Junk trap, Hydrapurge, Trommel and reject press (year 2008) – 360 T/day
  1. Continuous low density pulper (4%) - Black Clawson, 30 cubic meters capacity – normally used for waste paper in stand by

2. Screening

- Coarse Screen
  1. Kadant line with high density cleaner, Holes Screen UVK500 (1,6 mm), Float Purge, trommel and reject press. 550 t/day waste paper (year 2010)

- Fine Screen
  Four stages of slots (0,2 mm) screens. 380 T/day waste paper (medium density)
  After coarse screen and hot shredder, two stages of slots (0,2 mm) screens. 100 T/day for the top layer treatment (medium density)
  Two stages of slots (0,2 mm) screens. Before the board machine 3 head boxes for the under top and the bottom layers
3. Board Machine 3

Maule - Voith - Valmet
Year of construction: 1992
Production:
Coated paper board – 270 to 600 gr/m²
4 Layers (Top, Under Top, Middle, Bottom)
3 Coaters (Bent Blade and Rod for the Top and Rod for the Bottom)
13,5 ton/h
Max Speed: 250 m/min
Maximum board Width: 3780 mm
Total Dryers: 42 (Maximum Pressure: 3,5 Bar, Work Pressure: 3 Bar)
Pre Dryer Section: 24
After Dryers Section: 18
MG Cylinder: 5000 mm diameter
4. Board Machine 2

Maule – Escher Wyss
Year of construction: 1962
Production:
Uncoated or Light Coated board – 270 to 600 gr/m²
4 Layers (Top in stand-by, Under Top, Middle, Bottom)
3 Coaters (Bent Blade in stand-by and Rod for the Top and Rod for the Bottom)
7,3 ton/h
Max Speed: 160 m/min
Maximum Board Width: 2600 mm
Total Dryers: 55 (Maximum Pressure: 3,5 Bar, Work Pressure: 3 Bar)
Pre Dryer Section: 37
After Dryers Section: 18
MG Cylinder: 4200 mm diameter
5. Winders

![Winder Machine](image)

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<thead>
<tr>
<th></th>
<th>Jagemberg</th>
<th>De-Juliis</th>
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<tbody>
<tr>
<td>Year of construction</td>
<td>1960</td>
<td>2000</td>
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<tr>
<td>Max Speed (m/min)</td>
<td>500</td>
<td>800</td>
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<tr>
<td>Maximum Board Width (mm)</td>
<td>3800</td>
<td>2600 to 3850</td>
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<td>Core Diameter (mm)</td>
<td>70 – 300</td>
<td>70 – 300</td>
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6. Sheeters

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<td>Maximum Board Width (mm)</td>
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<td>2440</td>
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<td>Sheets length (mm min/max)</td>
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<td>400/1600</td>
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<td>Core Diameter (mm)</td>
<td>BM reel</td>
<td>150 – 300</td>
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<td>Number of Knives</td>
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<td>5</td>
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<th>Duplex Jagemberg</th>
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<tbody>
<tr>
<td>Year of construction</td>
<td>1960</td>
<td>1960</td>
</tr>
<tr>
<td>Max Speed (m/min)</td>
<td>130</td>
<td>130</td>
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<tr>
<td>Maximum Board Width (mm)</td>
<td>2670</td>
<td>2670</td>
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<tr>
<td>Sheets length (mm min/max)</td>
<td>500/1610</td>
<td>500/1610</td>
</tr>
<tr>
<td>Core Diameter (mm)</td>
<td>BM reel</td>
<td>150 to 300</td>
</tr>
<tr>
<td>Number of Knives</td>
<td>7</td>
<td>7</td>
</tr>
</tbody>
</table>
7. Packing / Packaging

The stacks are automatically polythene-wrapped and shrunk in a hot box. The wrapped stack are labeled and transported to designated location in a large store by forklift.

8. Power Station

Gas Turbine (Solar – Taurus T60)
Year of construction: 1991
Power: 5,150 (MWe)

Boiler (Idrotermici – Recovery flue gas from gas turbine)
Year of construction: 1991
Maximum Steam Production: 50 T/h (42 Bar)

Steam Turbine (Siemens)
Year of construction: 1972
Power: 4,5 (MWe)