



OFF LINE COATER FOR SALES



DESCRIPTION OF THE LINE 3 OF COATING

A) Mix preparation

1.) Description of the tools that we are using:

- 2 tanks of 1000 lt. for precoat preparation (1 with single mixer and 1 with double mixer)
- 1 tank of 600 lt. for solution preparation (with 1 mixer)
- 1 tank of 200 lt. for solution preparation (with 1 mixer)
- 1 tank of 500 lt. for back coat preparation (with 1 mixer)
- 1 tank of 600 lt. for casein preparation (with 1 mixer)
- 1 precision balance, 1 Ph meter.

B.) Coating machine

2.) Number of coating heads

- 2 for the front coating side + 1 for the back side.

3.) Coating head type (for example: Meyer Bar, Air knife)

- Air knife

4.) Machine width

- Maximum coated with = 213 cm.

5.) Max. /Min. base paper g/m² range

- From 50 to 200 gr/sqm

6.) Roll max diameter & core sizes

- Max diameter 100 cm. - core 76/150 mm.

7.) Speed range in m/mn

- Min. 40 mt/min - Max. 80/85 mt/1min



8.) Oven quantity

- 1 Oven

9.) Dryer type and length

- Hot air – length: 3,70 mt.

10.) Max temperature in the oven

- 200 °C

11.) Number of independent sections

- 3 sections

12.) Temperature adjustment

- The 3 sections have a separated temperature control (precoat – solution - back side)

13.) kind of coating that normally use (water based or solvent based)?

- Water base

14.) range of solid content?

- From 10% to 20%

15.) range of viscosities?

- Viscosity range: 12-14 (ford 4 system)

