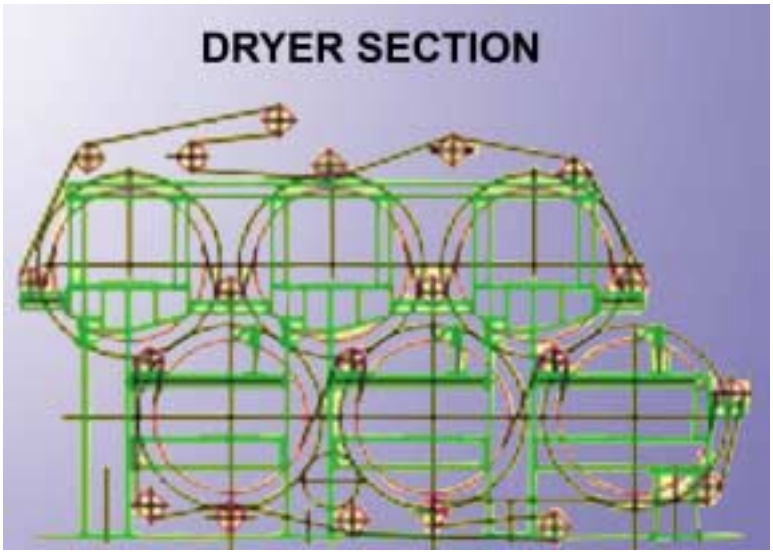
PAPER MACHINERY DRYING SECTION

DRYING SECTION

Dryer Section of the Paper Machine dries the pulp by way of a series of steam-heated rollers that stretch the web somewhat, removing the moisture. The dryer section can be made up of a series of dryer rolls or one large dryer. Dryers are basically can heated from the inside by dry steam and from the outside by hot air. The stock is usually about 95% solids by the time it comes off the last dryers.

Dryer Section plays an important role in paper machine operating efficiency, energy consumption and product quality. Accordingly, dryer section optimization is a high priority. In the area of dryer section control there is much room for improvement. There are often no supervisory strategies in place to manage the drying load, respond to sheet breaks, optimize energy efficiency and deal with the fundamental non-linearities in the dryer loops.



Salient Features:

- Best drying efficiency and uniform drying control.
- The drying cylinder can be provided with stationery syphons or inside mounted bucket system for proper removal of condensate.
- M.S (B.Q. Plate) Fabricated drying Cylinders with high evaporation rate.
- Suitable heavy duty framing in Graded Cast Iron and Mild Steel fabrication for the maximum coverage of paper at dryer.
- Dynamically balanced dryer with ground finish surface.
- Available in various diameter i.e. 4 feet, 5 feet and 6 feet etc.
- Operating Pressure may be possible upto 6.0 Kgs/Cm².
- Shell thickness various from 25 mm to 36 mm.

Advantages :

- Increases operating efficiency.
- Improves paper quality, paper's water resistance, printing properties and surface bond strength.
- Reduces energy consumption and paper abrasiveness.
- Decreases paper ability to fuzz.

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