

MG SECTION

MG 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.

MG Section plays an important role in paper machine operating efficiency, energy consumption and product quality. Accordingly, MG section optimization is a high priority. In the area of MG 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 MG loops.



Salient Features:

- Heavy duty framing for vibration free operation.
- MS fabricated M.G.Cylinder up to 16 feet (4.88 meter) diameter and Width up to 4.00 mtrs.
- SS Coating on surface may be provided.
- Operating Pressure may be possible upto 6.0 Kgs/Cm².
- Single and double Touch roll is provided depending upon the process requirement.
- Machined Surface, Mirror finish on the surface and stress released.
- Scooping system is provided to remove condensate efficiently.
- Spur Gear and pinion in Cast Iron/ MS Fabrication/ polypick. Gear teeth are geometrically evenly cut on precise hobbing machine for noise free operation.
- Hydraulically tested to a pressure of 11.0 Kgs/cm².

Advantages :

- Solves the problem of Machine direction moisture profile and Cross direction moisture profile.
- Improves drying rates.
- Reduces energy consumption and steam usage.
- Solves the problem of Pressure roll vibration / bounce.

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