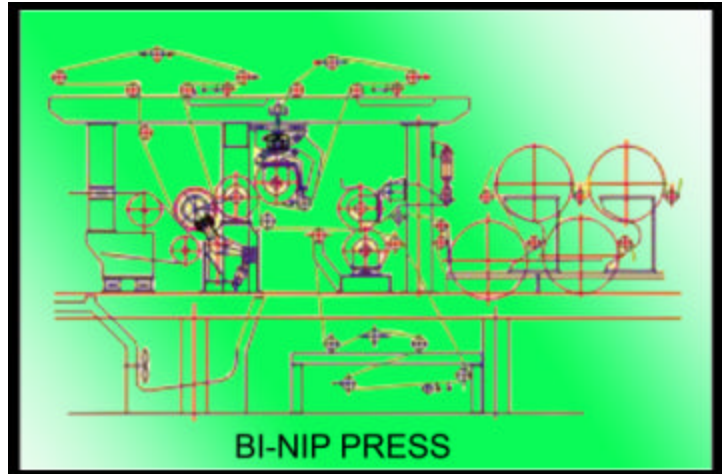


BI-NIP PRESS

Bi-Nip Press is a section of paper machine Press section where surface treatments are applied to the sheet of paper to give it special qualities. The moisture in the web is transported into the felt with the help of the pressure in the nip of the press. Normally comprised of a pair of rolls towards the end of the dryer train between which the dry or partially dry web is passed, and into the nip of which a liquid, usually starch, is applied to impart strength to the sheet. Sometimes a chemical may be added to produce a water-resistant sheet.

Bi-Nip Press is designed to maximise water removal, whilst efficiently transferring the web from the forming section to the dry part and increasing the quality of the Paper and PaperBoard.



Salient Features:

- Complete internals of SS 304 construction.
- Design speed of BI-NIP press is upto 700m/min.
- Hydraulic cylinders with end assembly including hydraulic power pack and panel.
- MS fabricated robust framing with loading levers.
- Chrome Coated Paper lead rolls of made from MS seamless tube with CI end gudgeons.
- Removable blocks of Aluminum construction for easy felt changing.
- Bi-Nip Press with Blind drill coating on top and bottom roll with felting.
- Bearing housings of CI construction with with antifriction bearing.
- SS Shower with specially designed nozzles.
- Doctor in SS construction for Micro rockroll with pneumatic loading/unloading arrangement.

Advantages :

- Increases efficiencies and less paper breaks.
- Improves product quality in terms of strength and surface properties.
- Reduces steam usage.
- Increases Production with Quality.

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