

Choosing the right headbox; grades changes, optimum formation and troubleshooting

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It seems that when many mills consider a new headbox they feel if they are going to make a “modern-up date choice” they should select a hydraulic headbox.

After all that is what the high- speed world class paper machines are running. However not every mill is running low basis weight products at high speeds and it is important to factor in their operating conditions into the proper type of headbox selection.

The modern hydraulic and modern air-padded rectifier roll headbox have the operating areas where they do the best job and the guidelines to be considered in headbox selection will be discussed. This information is important to consider when a new headbox is selected so there is not an ultimate penalty in sheet formation and other sheet qualities.

A new family of headbox designs is to be presented to the North American market.

North America and European Mills successful field experiences of new headboxes installation, rebuilding and application of dilution technology to hydraulic and rectifier roll headbox will be presented.