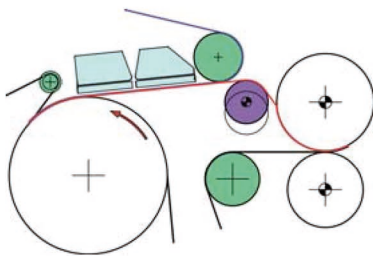


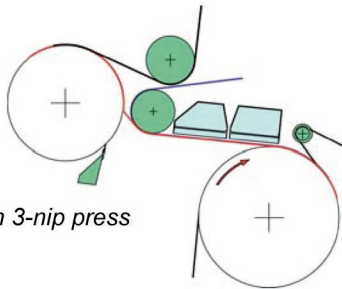
#### Situation

Between the press and the dryer sections of a paper machine, there is normally a long unsupported sheet draw. Moving surfaces such as felts, fabrics, rolls and the web create considerable air flows and pressure differences which cause sheet flutter.

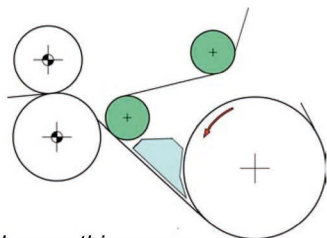
By increasing the draw, runnability can be controlled, but high draw can lead to breaks and other problems with sheet width. In addition, the sheet MD/CD strength ratio increases with a negative effect on runnability in printing.



One typical from press to dryer section arrangement



EVp with 3-nip press



EVp with smoothing press



#### Solution

With the use of EVp Web Stabilizer, PM runnability improves. EVp creates a high vacuum level under the dryer fabric which keeps the sheet in contact with the dryer. This means that fewer breaks occur between the press and dryer section.

Lower draw means also that there is less chemical pulp needed and that it is easier to achieve strength requirements.

#### As a result

- ▶ Runnability is improved as the sheet is supported across the whole width
- ▶ Higher paper machine speed is possible
- ▶ Fewer web breaks occur between the press and dryer section
- ▶ Easier tail threading
- ▶ Lower draw - less chemical pulp and easier to achieve strength requirements
- ▶ Better paper quality