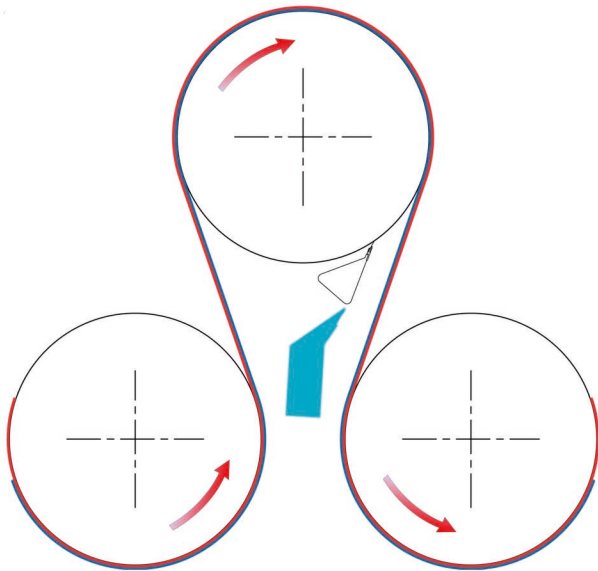
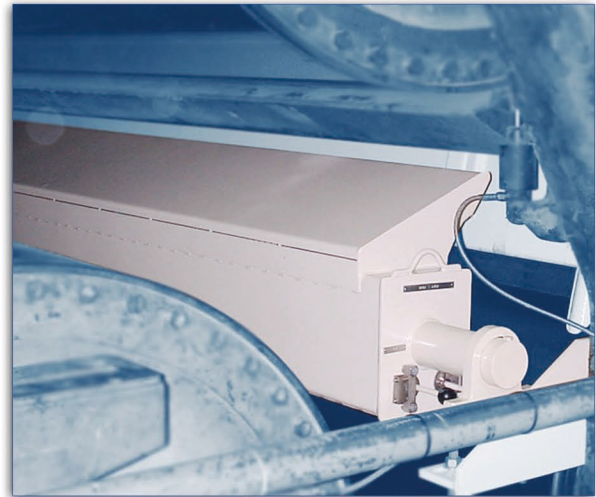


### Situation

Sheet separation from the top dryer cylinder creates an underpressure in the opening nip causing sheet detachment and flutter.

EVst ventilator is installed below the top dryer doctor to blow hot air towards the opening nip and into the area below the top dryer to balance the pocket pressure and to introduce fresh hot air for better evaporation.



### Solution

EVst ventilator blows warm and dry hood supply air to the area below the dryer groups. EVst ventilator decreases the pocket humidity level and it is effective for equalizing moisture distribution across the entire width of wet paper and therefore economizing steam consumption. This means more efficient production and lower drying costs.

### As a result

- ▶ Lower drying costs
- ▶ Improved runnability
- ▶ Higher paper machine speed
- ▶ Fewer web breaks
- ▶ Better paper quality
- ▶ Increased production