

Paper machine 190924

High Performance Press saves steam and reduces CO2 emission

The installation of the HighPerformance Press in the press section of Smurfit Westrock Roermond Papier's PM 1 represents a milestone in the development of the product. After a rebuild time of only 38 hours and a smooth start-up, production was fully ramped up again.

The advantages of the new press solution became immediately clear: The HighPerformance Press increases the dry content of the paper web after the press section and enables Smurfit Westrock to make significant steam savings in the dryer section. As a result, energy consumption and CO2 emissions can be significantly reduced.

The Mill claims to save 7,500 tons of steam and 1,113 tons of CO2 per year. This is an important contribution to our decarbonisation roadmap. Furthermore, the increased dry content after the press section enables an increase in production speed. This in turn can lead to larger production quantities with consistent quality.