

Category: Didactics

Project: Mondi Neusiedler – Paper Production

What was the challenge?

The signboards for visitors inside the mill had to be renewed. This gave the possibility to show the industrial process of paper production as well as the special features of this mill.

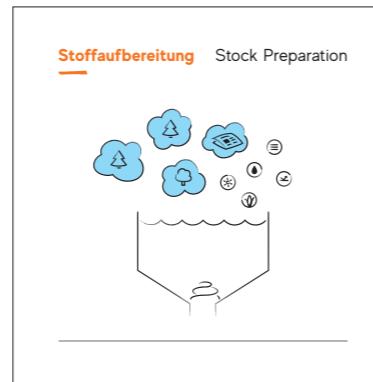
The illustrations should be easily understandable by laypersons but also technically accurate.

What was the solution?

We developed a series of illustrations, considering feedback by technical and marketing staff.

What was the effect?

People said the information is easily accessible. Technicians, Sales and Management were equally pleased.

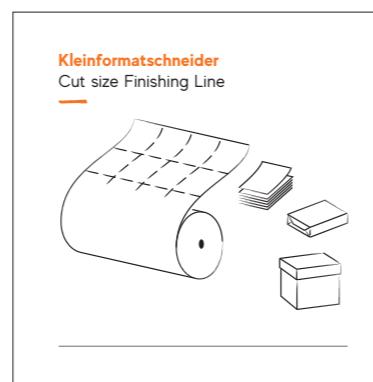


Pulp is the most important primary fibre for the paper industry. In the sulphite or sulphate process, lignin and resin are separated from the fibre.

Various fibres and auxiliaries are used. Mineral fillers have a significant effect on the opacity, colour absorption and smoothness of the paper.

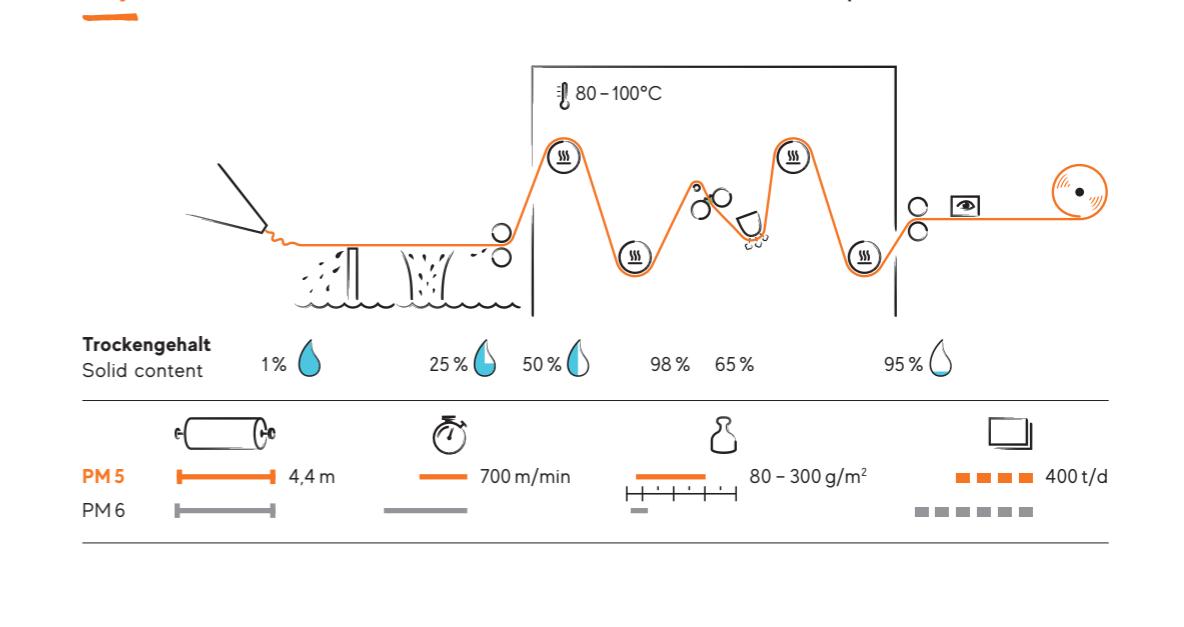


Comprehensive measurements ensure continuous quality.

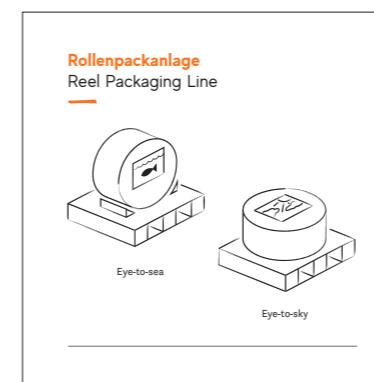


The folio sheeter cuts reels of paper into sheets according to customer requirements.

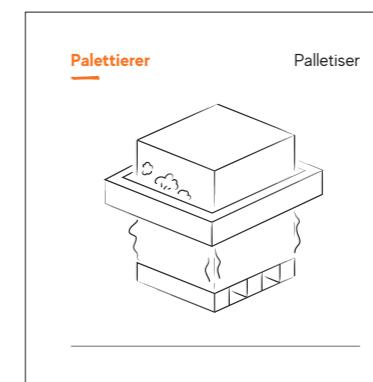
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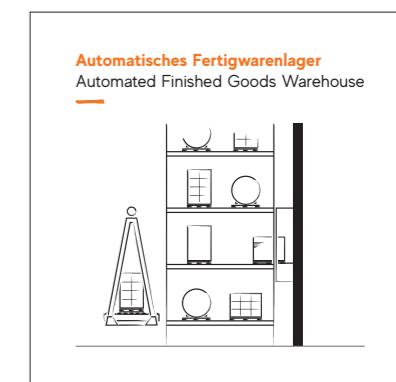
The main task of the paper machine is to extract water from the applied fibre mixture by filtering, pressing and drying. The main components of a paper machine are the headbox, the wire section, the press section, the dryer section and the reel. The illustration is accompanied by a comparison of the two paper machines in the mill by width, speed, range of grammage and capacity.



The reels get ready for transport. Depending on how the reel is placed on the pallet it's called "eye-to-sea" or "eye-to-sky".



In order to keep the paper dry and clean, the pallets are shrink-wrapped.



The warehouse appears frenetic as all shelf operating devices can work simultaneously to prepare a shipment.

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