

Hanke Tissue Successfully Starts Up PMP Intelli-Jet V™ Headbox

Hanke生活用紙有限公司的 PMP Intelli-Jet V™型水力式流漿箱成功開機

PMP is pleased to announce a successful and smooth completion of the replacement and start-up of a new Intelli-Jet V™ hydraulic headbox for Hanke Tissue, at September 6th, 2009. The scope of supply covered a new hydraulic headbox, a new fan pump, complete stock approach piping and design services for a stock preparation rebuild.

line of long fiber brought lower energy consumption thanks to optimized refining and longer soaking time of fiber. Elimination of short fiber from refining had limited the dust generation during tissue production process. Also, due to stable parameters of paper Hanke Tissue improved runability of converting machines and reduced the level of quality complains from outside converters.



The PMP Team after successful start-up
PMP团队成功开机后的庆祝

PMPoland S.A. supplied a single-layer Intelli-Jet V™ headbox and installed on the existing fourdrinier machine, PM#1, with a pondside width of 3,500 mm and a design speed of 800 mpm. The main goal of the project is quality improvements with both basis weight and formation.

The new headbox will also be designed to allow increasing capacity of the 12,000 tpy by 20% through increasing operating speed from 650 mpm to 800 mpm. The entire process is divided into two stages as the current drive system of Tissue Machine do not allow to run as high as 800 mpm. The main goal of a first step was a significant improvement of basis weight and moisture profiles and formation of produced tissue. At this moment Hanke Tissue achieved tissue machine operating speed of 720 mpm and capacity improvement by about 14% (by 2tpd) only due to basis weight and moisture profiles as the drying capacity of machine can be fully utilized. Part of the project was also to separate the long and short fiber lines in Stock Preparation system. By doing that Customer received two positive results. Separate

2009年9月6日, PMP向Hanke 生活用紙有限公司提供的新的 Intelli-Jet V™型水力式流漿箱成功開機。PMP此次供货范围包括: 一台新的Intelli-Jet V™型水力式流漿箱, 一台新的冲漿泵, 整条上浆流送系统管道以及浆料制备綫的改造设计服务。

PMP波兰造纸设备集团公司为原有长网一号紙机提供了一台单层 Intelli-Jet V™型流漿箱, 其側板寬为3500mm, 设计速度为800米每分。該項目的主要目的是提高定量和成形效果。新的流漿箱设计將操作速度由原来的650米每分鐘提高到800米每分鐘, 新的流漿箱设计將速度由原来的650米每分鐘提高到800米每分鐘, 年产能由12000吨提升20%。

由于現有衛生紙机的传动系統无法滿足800米每分鐘的运行条件, 整个过程被称为两个阶段。第一步的主要目标是显著改善定量, 水分分布以及紙页成型。Hanke生活用紙有限公司仅仅由于紙页橫幅定量和水分分布的改善現已將工作車速提高至720米每分鐘, 产能提升14% (增加2吨/天) 并且紙机干燥能力尚未完全利用。项目的一部分还包括为浆料制备系統进行长、短纤分离制备。客户借此可实现两大收益。独立的长纤綫可以优化磨浆工艺并延長纤维浸泡的时间从而带来的是更低的能耗。短纤綫的分离可以避免短纤的磨浆过程从而限制了衛生紙生产过程中紙灰的产生。另外, 由于稳定的紙張质量参数, Hanke生活用紙有限公司改善了后加工设备的适运性, 从而减少了紙厂外單的客訴率。

