



KARL MAYER

WE CARE ABOUT YOUR FUTURE



WARP PREPARATION
准备设备

PROSIZE®

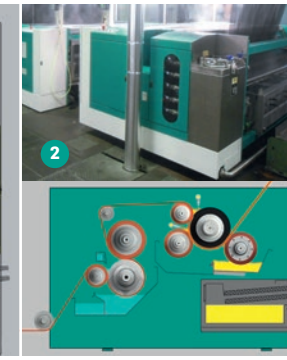
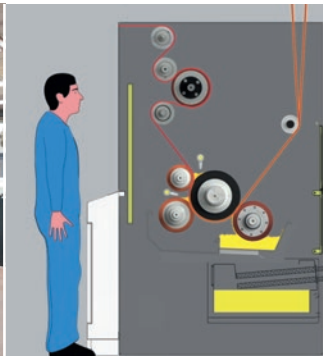
A breakthrough innovation in sizing 浆纱领域的突破性创新

Your benefit

- Reduction of size add on up to 10 %
- Increase of weaving efficiency, thanks to better homogeneity and less dust
- Better ergonomics and process transparency
- 20 % increase of yarn coverage working range
- Machine Speed up to 180 m/min
- Stop marks strongly reduced in length and in oversized film, also in case of long machine down-time

您的优势

- 最多能节约10%的浆料
- 更佳的均匀度和较少的灰尘, 提高了织造效率
- 人性化设计和更好的加工透明度
- 纱线加工量增加20%
- 机器速度高达180米/分
- 停车时(包括长时间停机), 能大幅减少浆斑和过度上浆时的浆皮现象



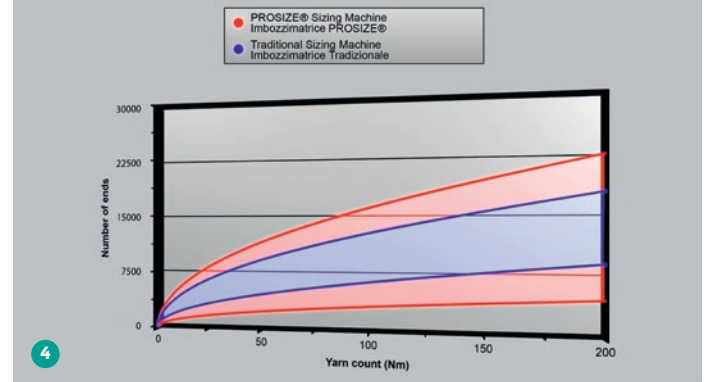
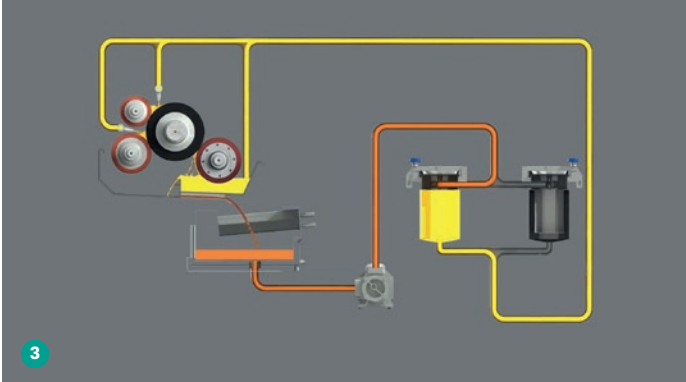
- 1 Size Box Type VSB with patented size application system and feeding unit
VSB浆槽: 采用受专利保护的上浆系统和喂入单元
- 2 Size Box Type HSB with patented size application system and pre-wetting unit
HSB浆槽: 采用受专利保护的上浆系统和预湿单元

Product features 产品特点

- The heart of the PROSIZE® are the size boxes type HSB and VSB.
- These new size boxes integrate our patented size application system. It is a no-immersion unit equipped with 3 high turbulent and uniform application zones with spray bar technology and final application/squeezing roller.
- It allows the highest process quality, using the minimum size liquor volume.
- PROSIZE®的核心是HSB和VSB浆槽
- 这些新型的浆槽采用了受专利保护的上浆系统: 没有浸没辊, 配备三个高射流、均匀且带喷淋管技术的上浆区域, 以及最终的压浆辊
- 用最少的浆液完成最高品质的加工过程

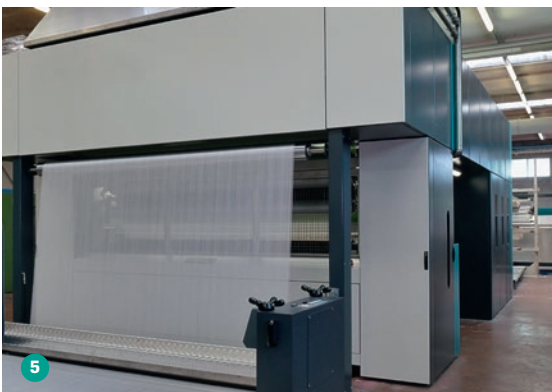
Technical facts 技术参数

Size box type 浆槽型号	HSB	VSB
Working width 工作宽度	1,800–2,400 mm	1,800–3,200 mm
Squeezing Pressure 压浆力	Pre-squeezers 10 kN 预压: 10kN Main squeezer 50 kN 主压: 50kN	Pre-squeezers 10 kN 预压: 10kN Main squeezer 50 kN 主压: 50kN
Heating System 加热系统	Indirect and direct 间接和直接	Indirect and direct 间接和直接
Max. size temperature 最高浆液温度	95°C	95°C
Pre-wetting unit 预湿装置	Optional 选配	Not available 无
Double size box system 双浆槽系统	Yes 是	No 否



Extremely efficient size circulation system. Only filtered size is applied on the yarn with a drastically dust reduction in weaving
极其高效的浆液循环系统。过滤后的浆液对纱线表面上浆, 大幅减少了织造过程中产生的灰尘。

20% increase of yarn coverage working range
纱线加工量增加20%



Back view of PROSIZE® Sizing Machine
PROSIZE®浆纱机的背面图