



针织物/敏感织物
KNITS / Tension Sensitive Fabric

平幅湿处理解决方案
Wet Finishing Solutions

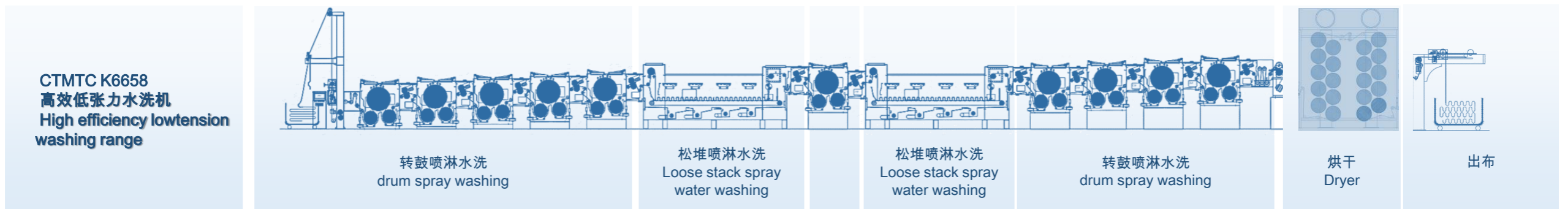
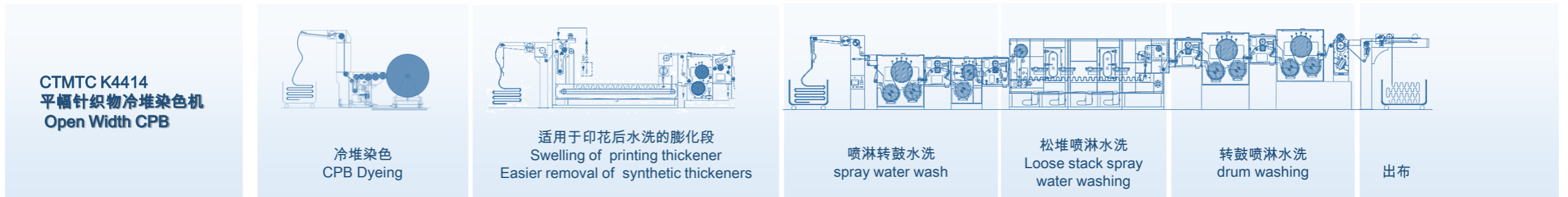
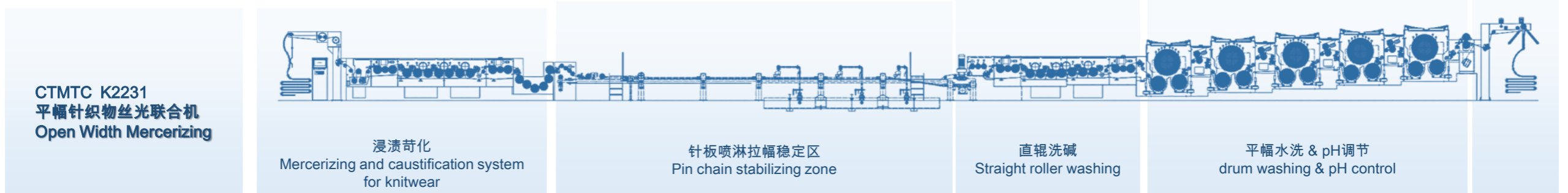
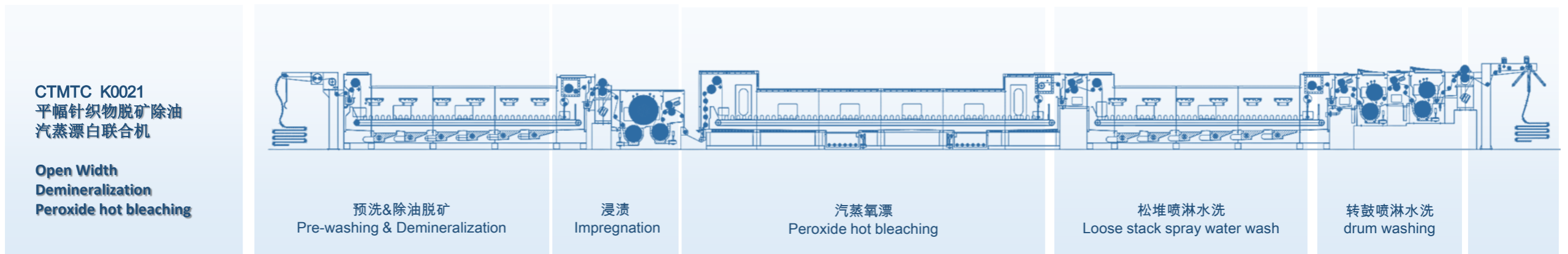


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CTMTC 针织物平幅湿处理全流程方案
An optimum solution for every application





OPENWIDTH PAD-STEAM BLEACHING FOR KNITWEAR CTMTC K0021 针织物轧蒸漂白联合机

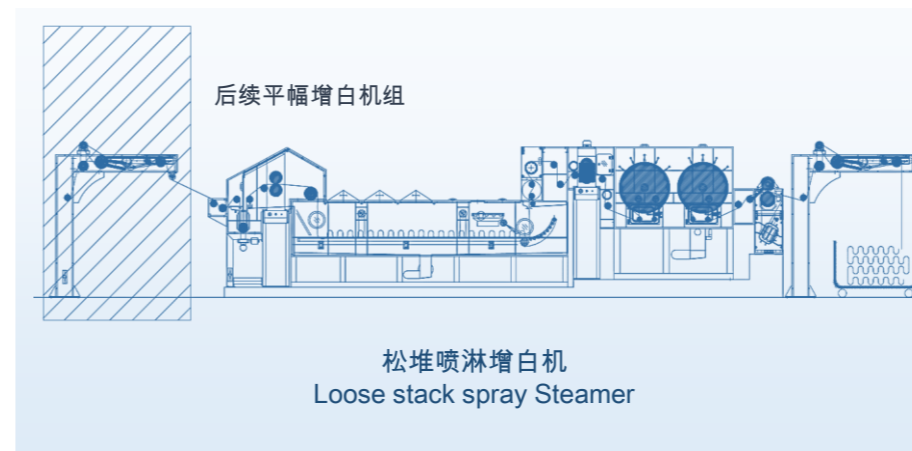
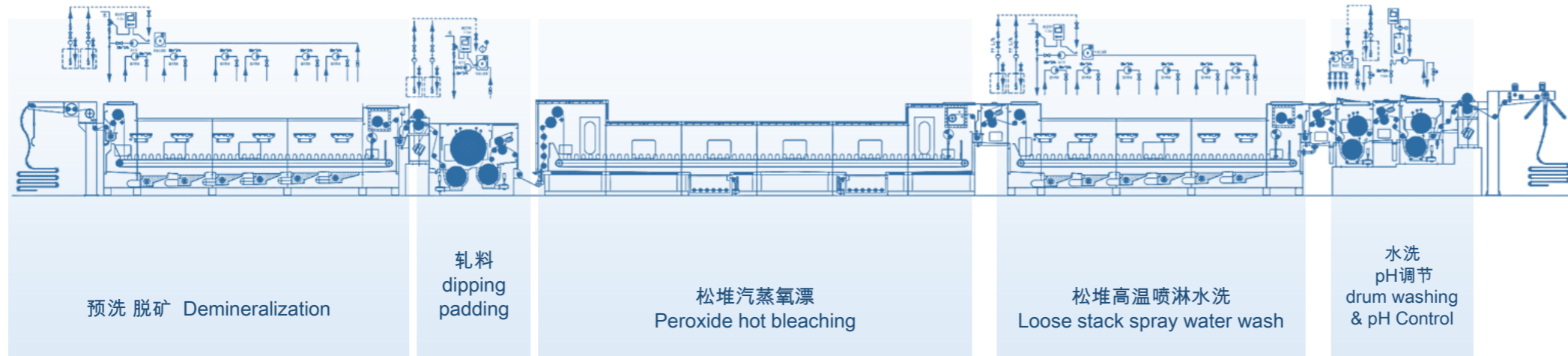
CTMTC K0021 机组是一种模块化设备，用于实现针织物平幅汽蒸漂白，适用于任何纤维素织物的煮练，为后续的染色或印花生产提供前处理半制品。

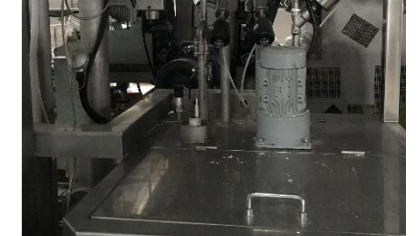
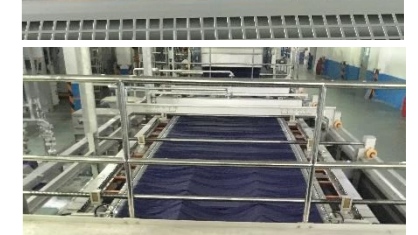
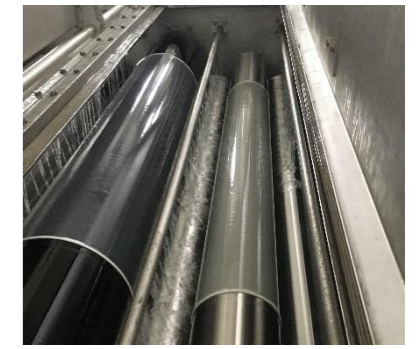
与传统绳状工艺相比，平幅汽蒸漂白具有质地均匀成本低廉等优点：
 优秀的品质再现性；
 前后批次品质均匀；
 较低的重量损失；
 织物表面无擦伤起球；
 水、汽和电力消耗低；
 机组模块化结构可以满足任何染厂的需求；

The K0021 bleaching ranges is used for any cellulosic fabric, producing a constant and homogeneous base product for later dyeing or printing.

Pad-steam bleaching achieves a high degree of white with less production costs compared to the traditional discontinuous over-flow technology, amongst many other advantages such as:

- High reproducibility;
- Product homogeneity (no tailing);
- Shiny and improved fabric surface (no pilling);
- Low water, steam and power consumption.



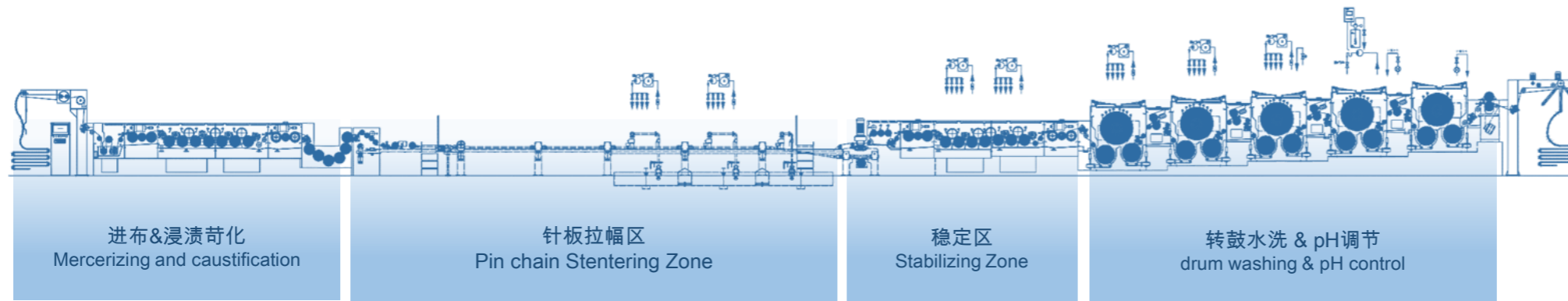


碱液浓度测控装置
strong lye control system

无链丝光和针板丝光的结合；
优良的宽度和长度收缩值；
非常高的光泽；
非常高的染料利用率；
基于产量需求的系统配置；

Combination of chainless and chain mercerizing principle ;
correction of selvedge thickening ;
Excellent width and length shrinkage values ;
Very high luster and very high dye yield ;
Capacity-based system configuration ;

OPENWIDTH MERCERIZING RANGE FOR KNITWEAR
CTMTC K2232 平幅针织物丝光联合机

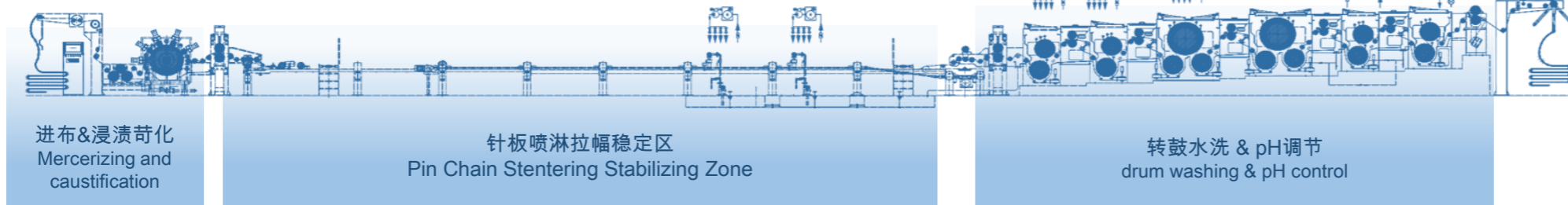


Optimal finished width with specific residual shrinkage;
Smoother fabric appearance and softer feel ;
For cold or hot mercerizing ;
Single or double impregnation depending on fabric weight and speed
High liquor exchange ;
Fully automatic control of all process parameters;

最优的织物成品幅宽收缩量；
面料外观更光滑手感更柔软；
用于冷丝光或热丝光；
根据织物重量和速度进行单次或双次浸渍；
高交换率；
全自动控制所有工艺参数；

CTMTC K2232 机组是一种模块化丝光设备，实际是按照产量需求来配置系统，主要用于实现针织物烧碱丝光工序，从进布到浸渍以及针板拉幅稳定区和水洗段都可以由不同数量和规格的单元组合而成。

CTMTC K2232 S 简易丝光机

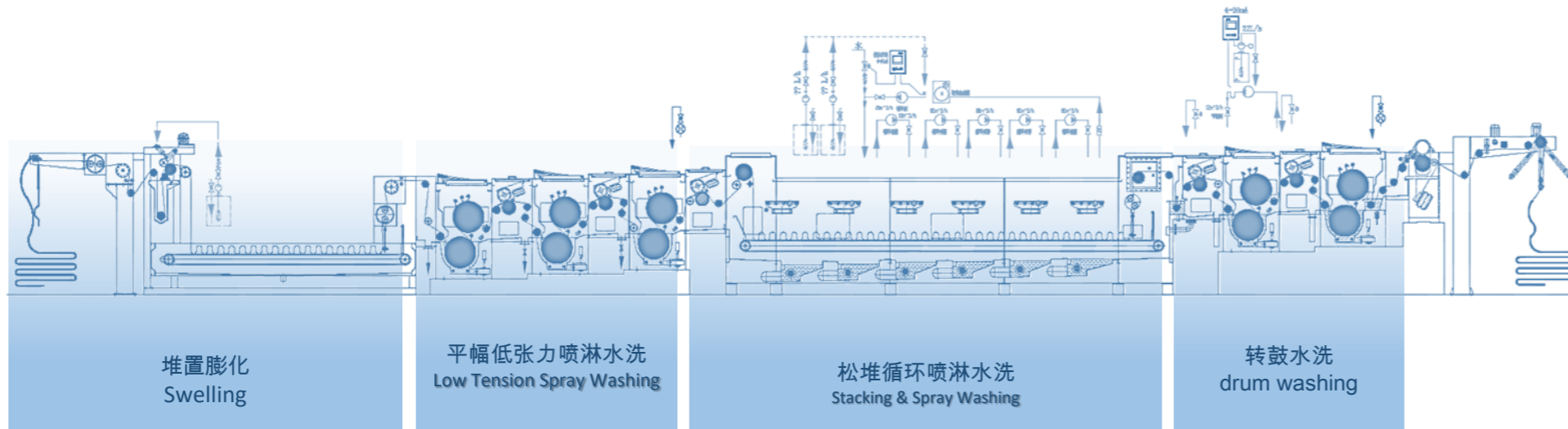




CTMTC K6658 机组用于实现针织物或者弹性织物的印花后平幅皂煮水洗工序，适用于任何活性染料染色后的水洗，提供出色的批次一致性和极低的过程消耗，实现高效率的连续化生产。

CTMTC k6658 range is used to realize the open width soaping and washing process after printing of knitted or elastic fabrics. It is suitable for the washing process after dyeing of any reactive dye, providing excellent batch consistency and extremely low process consumption, and realizing high efficiency and continuous production.

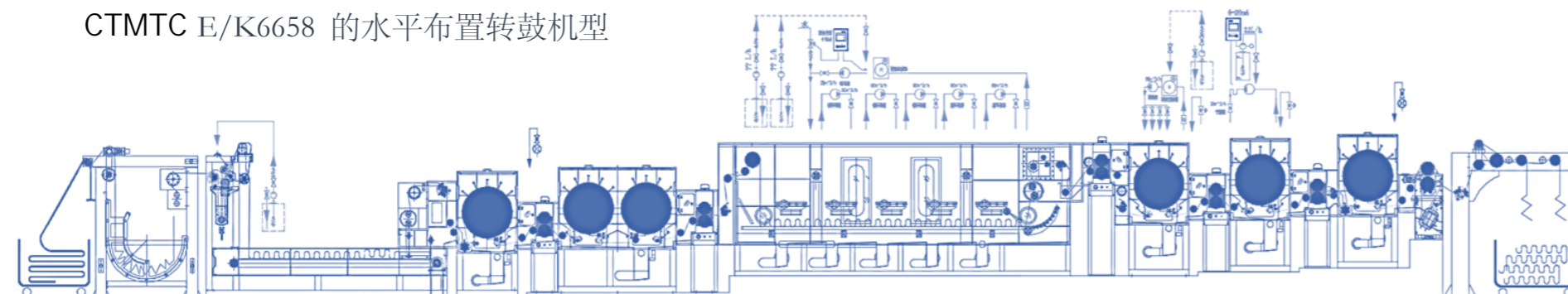
AFTER PRINTING WASHING FOR ELASTICS & KNITS
CTMTC E/K6658 针织/弹力织物印花后水洗机



网带式堆置膨化区的加入更容易去除增稠剂
 Swelling of printing thickener
 Easier removal of synthetic thickeners

高温松堆喷淋后具有更好的色牢度
 High fastness degree Washing, water
 and rubbing fastness properties

CTMTC E/K6658 的水平布置转鼓机型

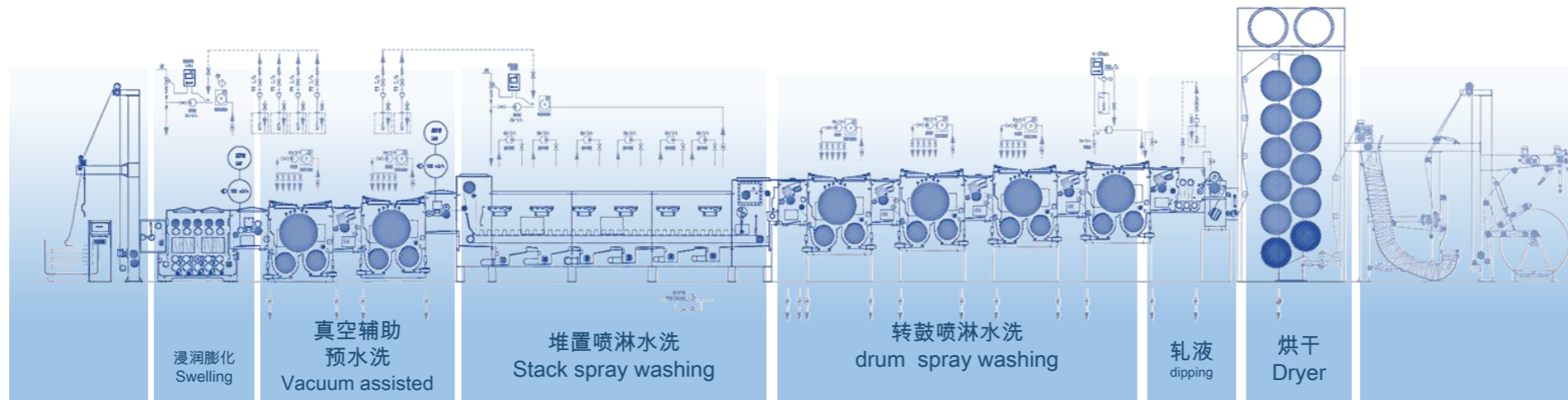




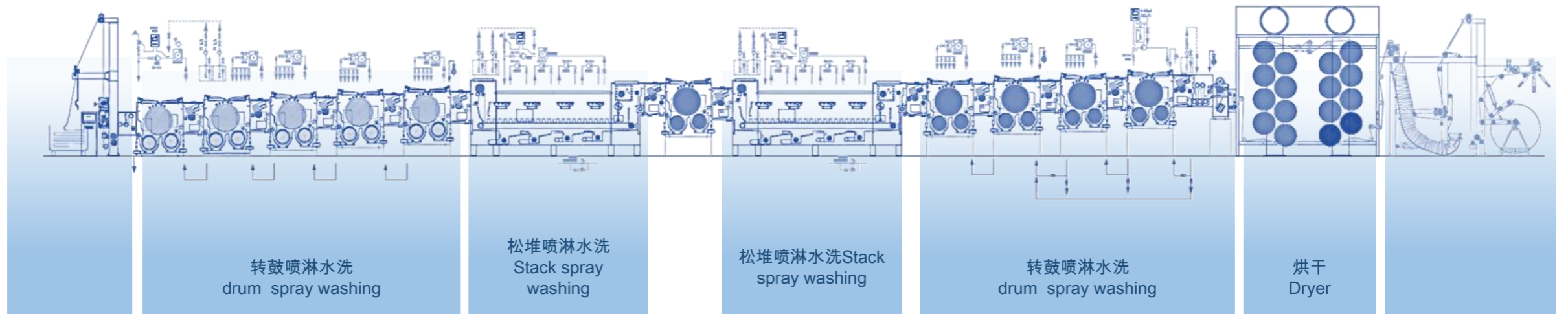
Low Tension Stacking & Spray Washing Range
High washing performance with less water
CTMTC 6668 梭织物/针织物堆置喷淋水洗机

适用于敏感织物的低张力测控回路
 牵引力数字化测控
 精确的液料控制系统
 消耗计测积算回路

- Low Tension Drive Control System for Sensitive Fabrics;
- Digital Tension Measurement and Control;
 - Digital Dosing Control System;
 - Digital Statistical Control Circuit;



6658E 扩展流程 CTMTC 6658E Expansion process





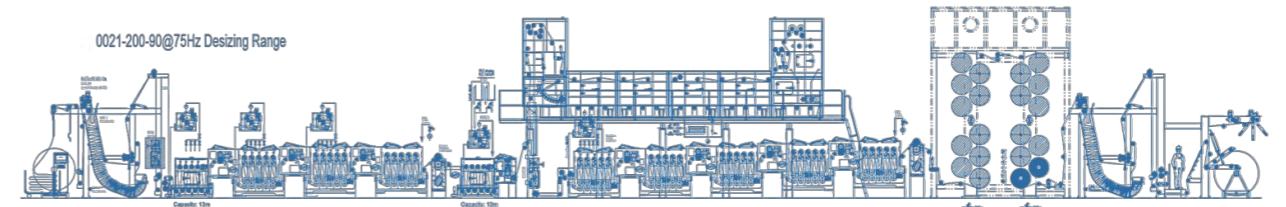
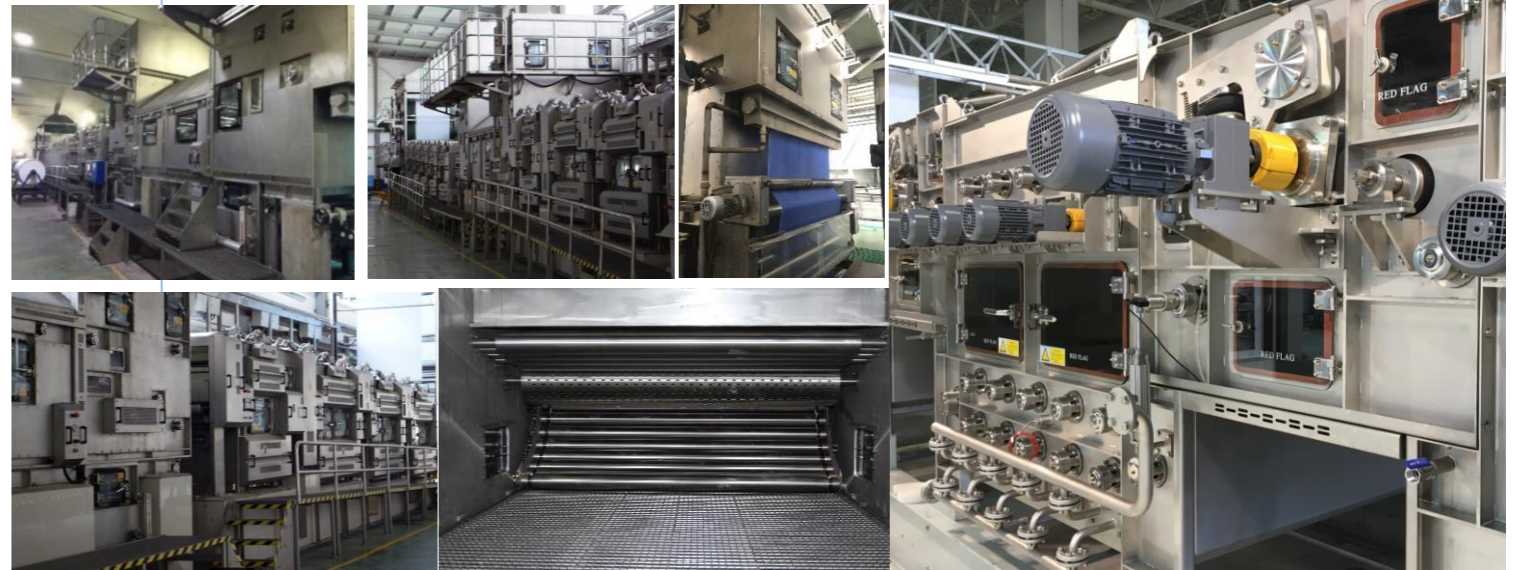
平幅退煮漂

Open Width Desizing-Scouring-Bleaching

CTMTC 0021/22/23 系列 退煮漂联合机型秉承红旗印机一贯的高效耐用之理念，自1996年第一代先进机型投入运转以来获得超过200台套全球用户的认可，2015年后，以新一代复式穿布为特征的第六代低张力机型开始普及，更是把空间利用率和综合消耗指标推向更加理想的高度，得到了客户极度的认可...

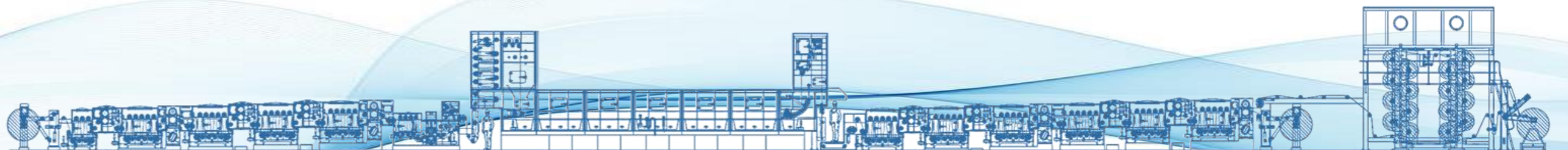
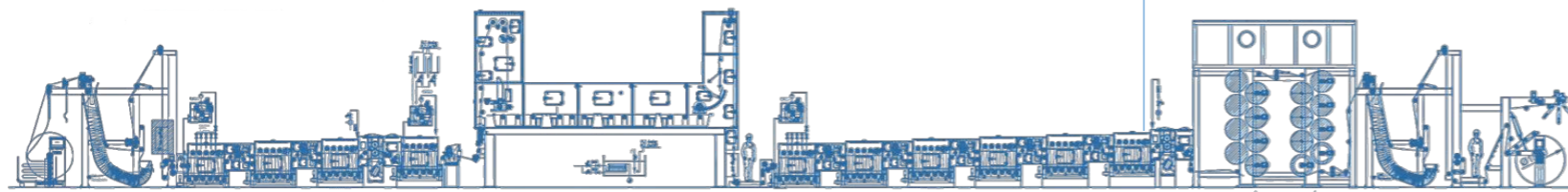
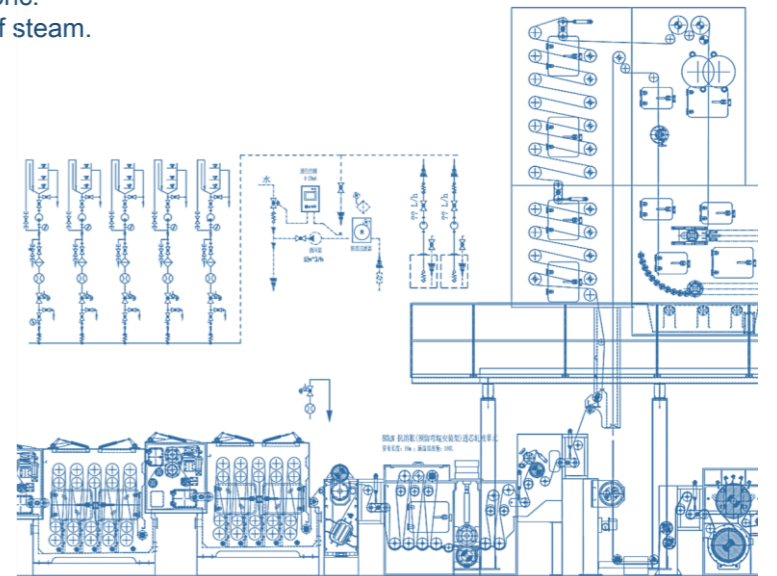
CTMTC 0021/22/23 Open Width Desizing/Scouring/Bleaching Range

This module of machine follows the concept of high efficiency and durable, did a good sample of energy-saving and emission-reduction in China. Since the 1st set of Redflag Bleaching Machine was put into production, there' already have been more than 200 sets of Bleaching machine help our customers gain the best production. At years of 2016, the 6th generation of Redflag Bleaching machine was installed and successfully running at a famous International factory. With better space use-rate and less steam consumption.



- Improve the pick-up of Padder.
- Focus on the belt drive of huge pick-up fabric.
- Best control on saturation and evenness of steam.
- Low tension driving.
- With anti-backlog buffer device.

- 可选液下轧液改善汽蒸带液量；
- 注重大带液量织物的牵引输送；
- 强调蒸汽饱和度和均匀度；
- 低张力预蒸牵引；
- 增设抗积压缓冲装置；





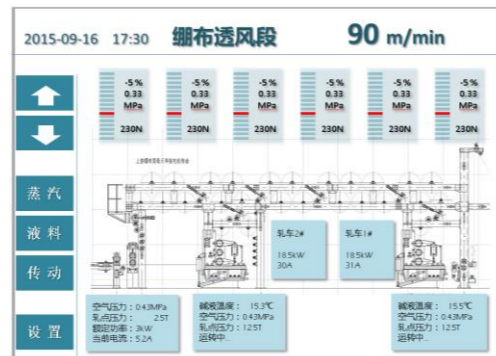
Mercerizing 平幅丝光联合机

CTMTC 2231-32-33
棉织物平幅丝光机

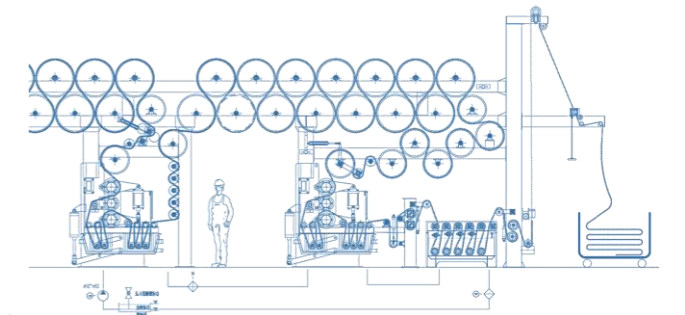
2231/2232/2233 系列丝光联合机（透风筒/直辊），从棉织物丝光的基本原理出发，用张力梯度可设定的结构形式来满足高端织物的加工需求，同时用比例注水技术把机器能耗效率和耐用性提升到了新的高度...

Based on the principle of cotton fabric mercerizing, this series of machine satisfied the process of high class fabric with the design of tension gradient structure, at the mean time, increase the energy efficiency and durability with proportional water-add...

丝光段张力梯度调节界面
Regulating Interface of tension

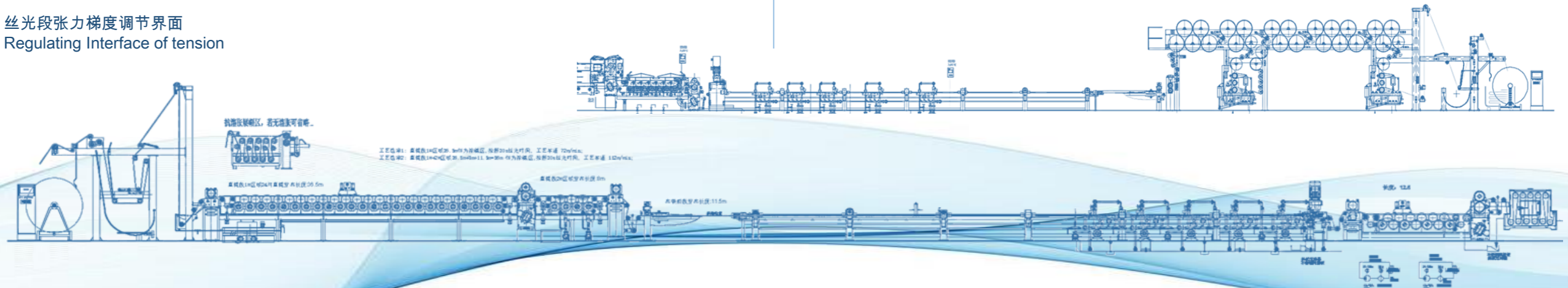


- 绷布透风段张力梯度分段调节;
- 丝光张力值和作用时间接入测控系统;
- 烧碱用量节减技术;
- 适合高速运转的探边导入机构;
- 低液位的布块喷吸碱回路;
- 末端加热的布块喷碱回路;



Structure of Mercerizing section with pre-saturate area
含预浸展幅区的丝光段结构

- Airing Section: Tension subsection gradient regulation;
- Tension and action time access control system;
- Caustic saving, more economic ;
- Edge sensor for high speed running;
- The caustic-suction circle with low liquid level;
- The caustic-shower circle with end heating;





连续轧染机 Continuous Dyeing Range



CTMTC 热风烘房焙烘机

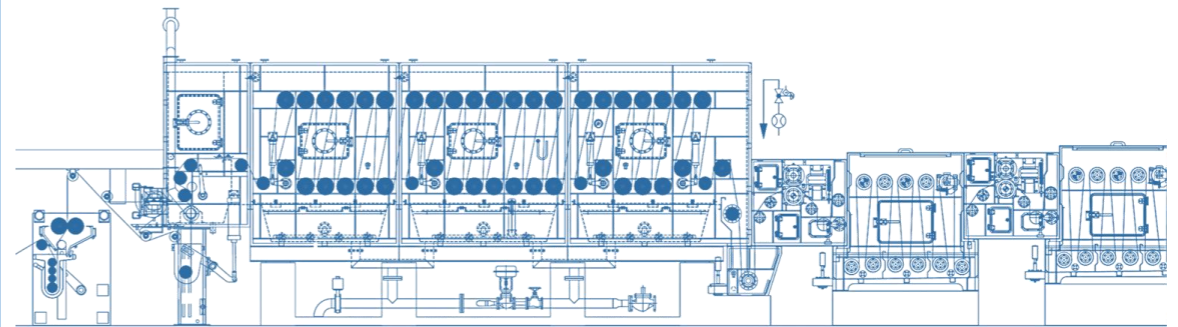
- 低张力牵引系统
- 适合高温条件的润滑系统
- 稳定的可设置循环气流系统
- 基于变频调速的排汽调节装置

CTMTC 6685 Curing Range

- Low tension drawing system
- Lubrication system which is suitable for high temperate
- Stable air circulation system
- Air exhaust device

染色后皂洗机

- 还原蒸箱内部更加强调隔离腔概念
- 底水式蒸汽发生部优化密集度和均匀度
- 还原蒸箱出布口水温测控
- Isolation concept is the core of internal of reduction steamer
- Steam-generated part with bottom water design Optimizes the intensity and evenness of steam
- Water temperature control system at fabric outlet of reduction steamer



CTMTC 4425 系列棉/化纤混合连续平幅染色机组

CTMTC Open Width Continue Dyeing Range



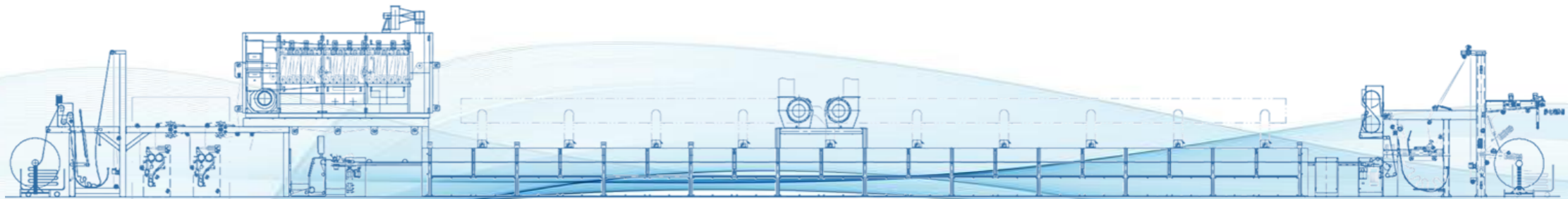
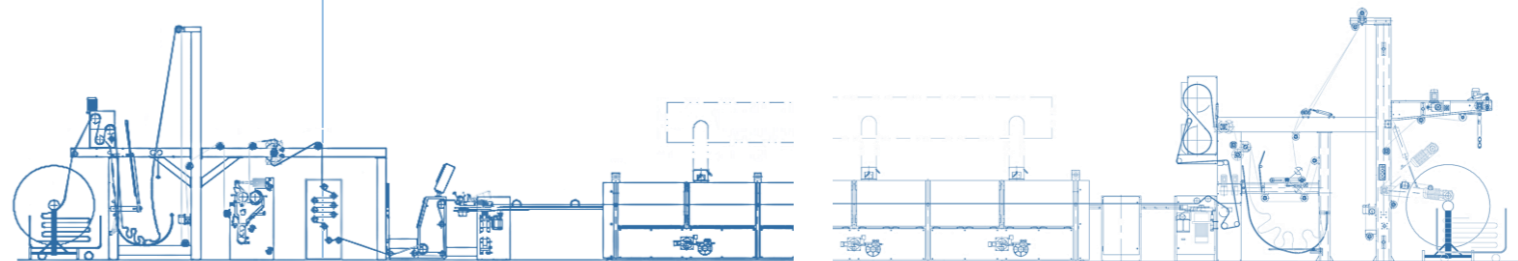
Steam/Gas Stenter 蒸汽/天然气拉幅定形机

CTMTC 3338/3358 系列拉幅定形机，分别代表了无油润滑轨道和注油润滑轨道两种机型，并分别涵盖梭织物和针织物用途，针板机型的超喂装置具有伺服级传动控制精度，加热方式可选蒸汽、天然气以及电加热等方案，也可以针对特定客户按定制机型做个性化改装…

- 加强保温节能的热风烘房;
- 完善的蒸汽节能测控方案;
- 简易可靠的高温润滑结构;
- 快捷简便的清洁作业方法;
- 量化调节的排汽装置;
- 全信息的在线测控系统;

- Heating chamber with better warm-keeping and energy-saving function.
- Perfect energy saving program of steam
- Simple and reliable High temperature lubrication structure.
- fast and easy cleaning and maintenance
- Quantitative regulation of the exhaust device
- Online sensor and control system.

CTMTC 3338/3358 represent the two kinds of stenter, no-oil lubrication track and oil-add lubrication track, covers woven fabric and knitted fabric. Overfeeding device on pin type has the Servo-level drive control accuracy, For heating, there are steam heating, natural gas heating, and electrical heating as optional. We can also customized for custom-made models for specific customers





ADS300V/P 现场化学料系统

——基于远端/本地集中化料的印染液料系统方案

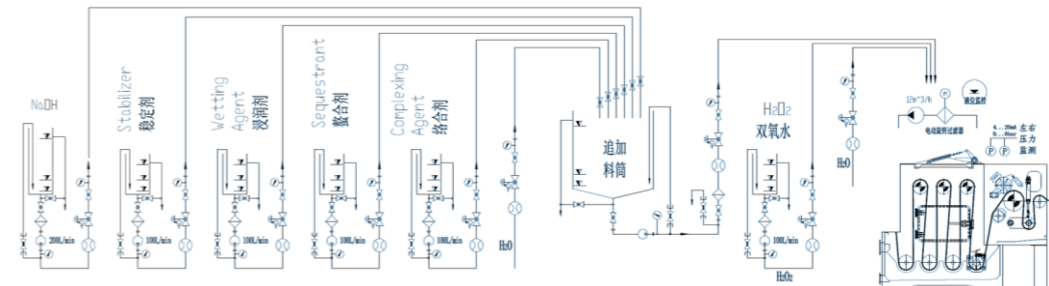
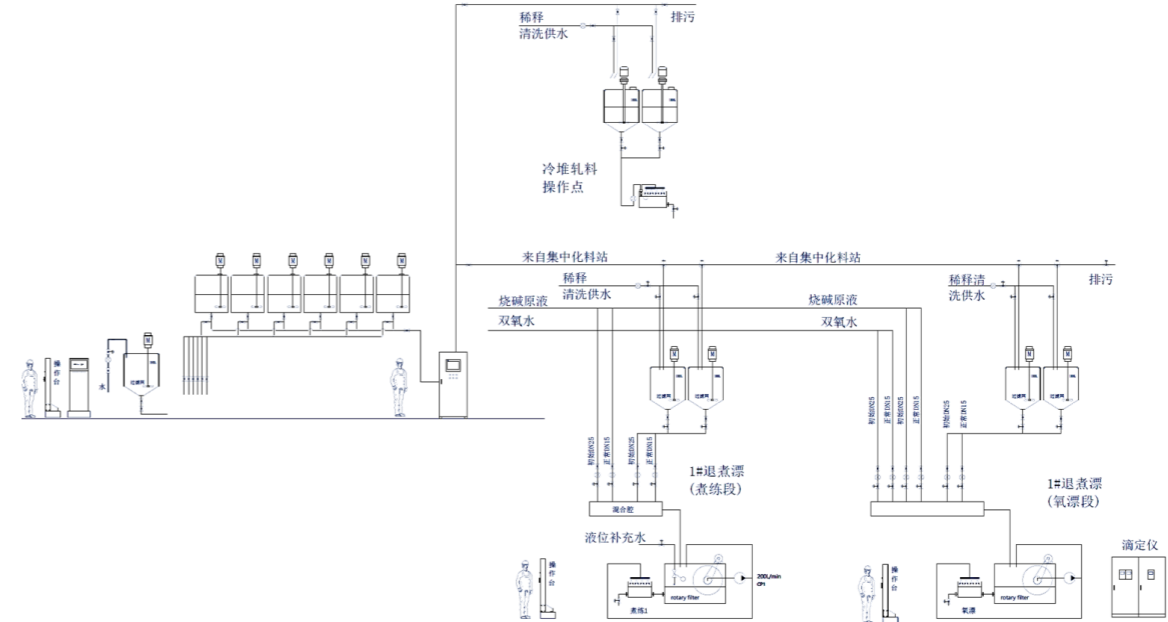
基于流量计和调节阀的
比例流量调节回路
计量补水
pH调节

储料部分：
1- 储液筒及其周边设备
(液位测控&搅拌&输液组件) ；
2- 过滤器及其清洗管线 ；
3- 钢结构机架 ；

Proportional flow adjustment circle
Based on the flow meter and adjust valve
Calculating water-add
PH control

Chemical Storage Part
1-chemical tank and surrounding device
(liquid sensor mixer transmission part
2-filter
3-steel structure

自动加料系统 Dosing System



流量调节部分：
1- 接入点维护用手阀 ；
2- 对应规格的隔膜式计量泵 ；
(或者流量计&调节阀组)
3- 隔膜泵安全阀 ；
4- 隔膜泵背压阀 ；

Flow adjustment Part
1-Manual valve at access point
2- Diaphragm type calculating pump with According specifications (or flow meter & adjust valve group)
3.Safety valve on diaphragm pump
4.Back pressure valve on diaphragm pump



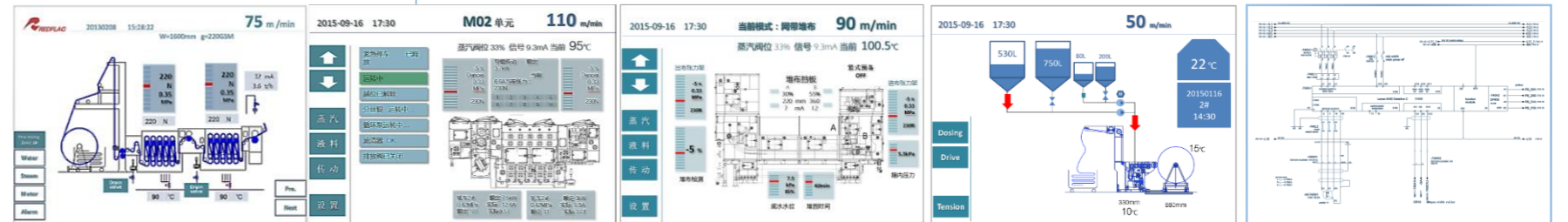
电气控制装置 Control system

CTMTC Q3/S7 系列控制系统

CTMTC Q3/S7 系列控制系统分别基于三菱Q系列和西门子SIMATIC系统构成，适用于各类印染设备单机和集群，包含了完整的张力调节单元和在线测控模块，可选装独立的分布式数据采集单元搭建完善的底层数据采集链路...

CTMTC Q3/S7 Series Control System

Drive control is decided by Q series PLC of Mitsubishi, while online test and control by S7 series PLC of Siemens. With drive control module and process parameter online test and control module which containing tension measurement and control unit. Optional individual high-speed distributed field data acquisition and storage unit, to build a complete equipment-related underlying data acquisition link, then all information can be transmitted remotely or LAN sharing by Ethernet.



Mitsubishi Q03/R04 中型PLC  三菱 PLC	Siemens S7-1500 中型PLC  1500PLC	Mitsubishi A800 变频器  三菱 变频器	Siemens G120 变频器  西门子 G120变频器	Lenze 8400 S/T 变频器  8400	Utilcell 载荷传感器  Utilcell	FMS EL 载荷传感器  el 载荷 传感器	SEW 减速电机  SEW	E+H 电磁流量计  EH 流量计	SGM 电磁流量计  横河 流量计	ProMinent 普罗敏特 电磁计量泵  ProMinent	ProMinent pH 调节仪  ProMinent pH
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