

TEXPRO® | BTM®

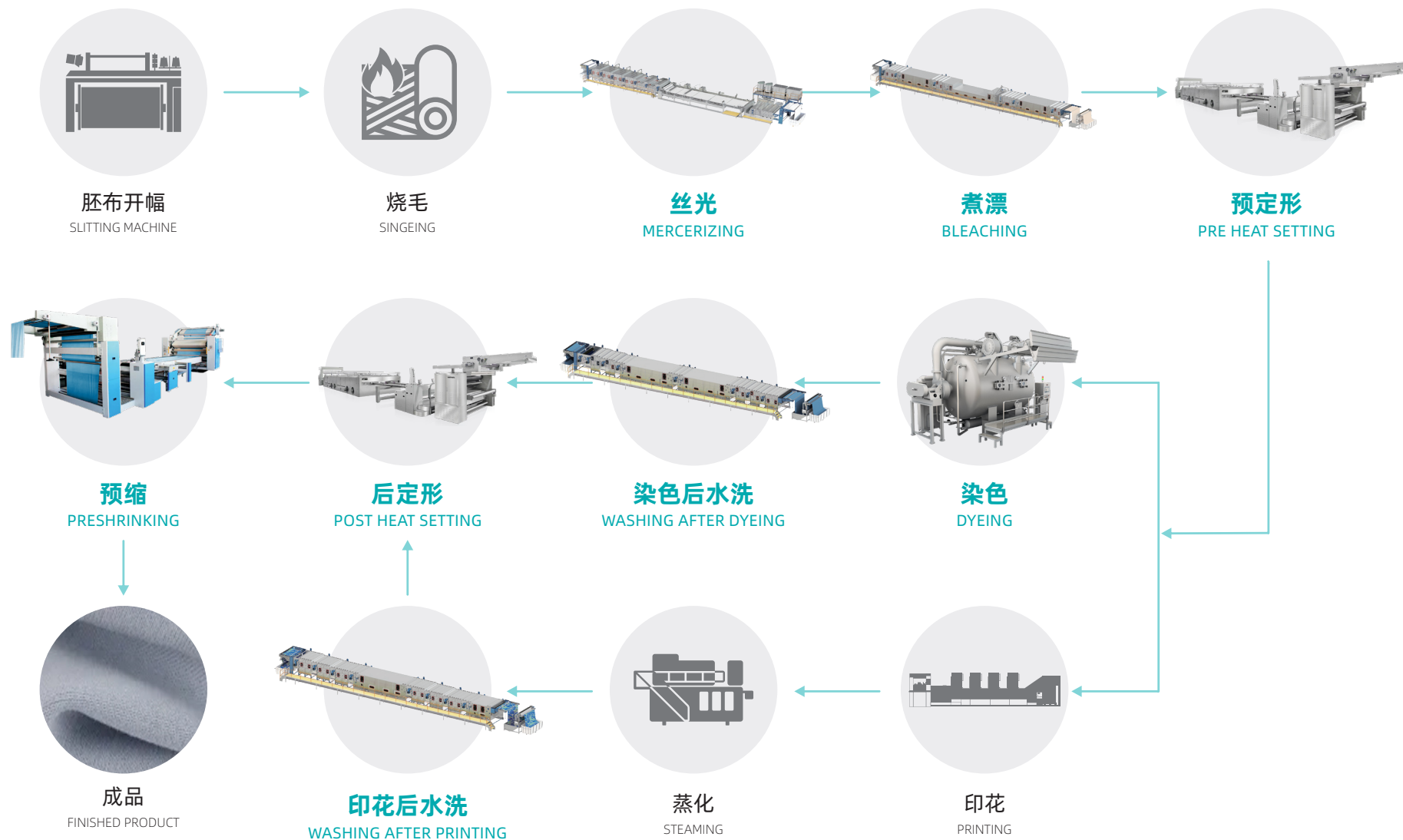
智能连续湿处理设备 针织面料

KNITTED FABRIC

INTELLIGENT CONTINUOUS WET FINISHING EQUIPMENT

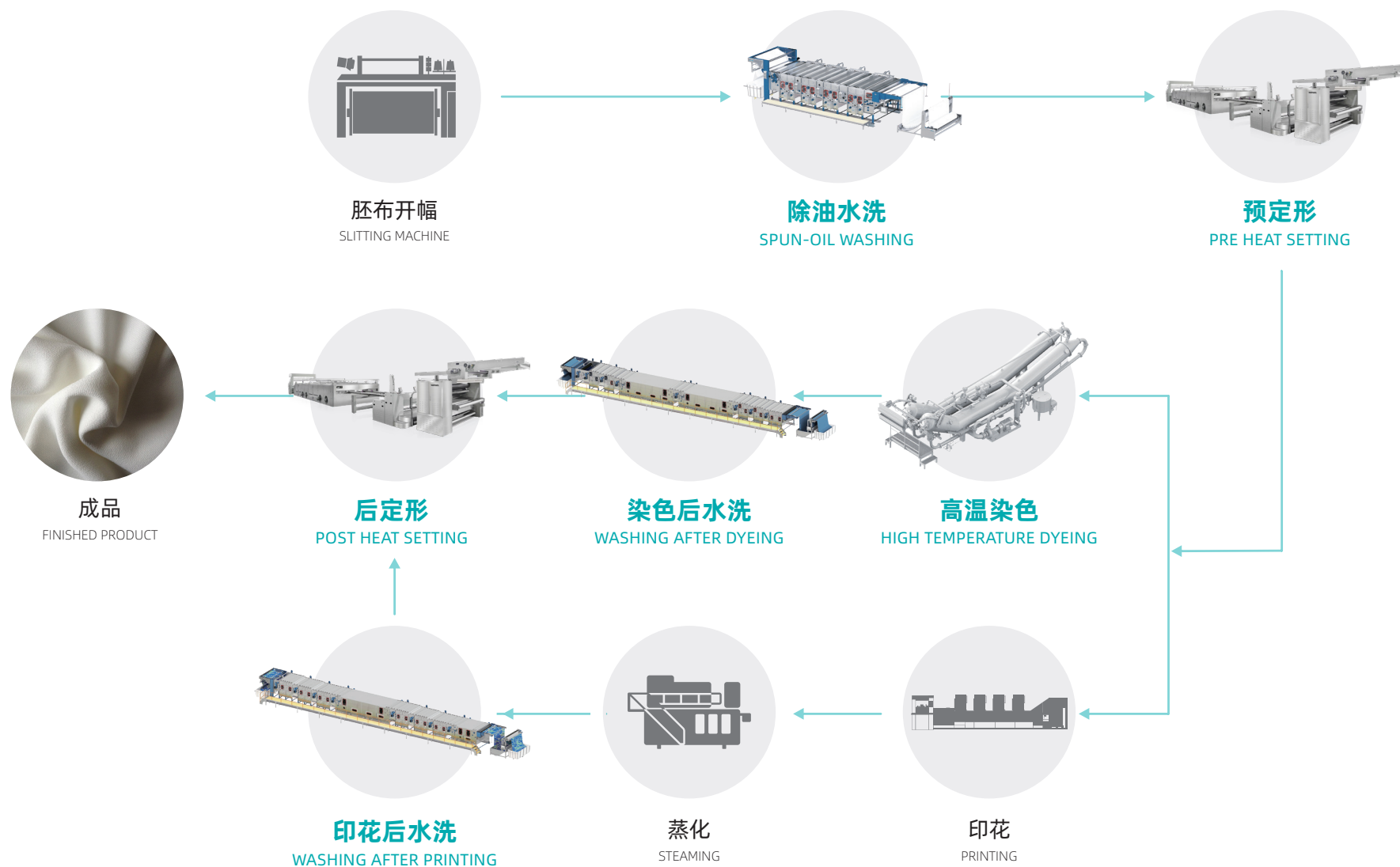
针织纤维素纤维面料印染生产流程参考

PROCESS FLOW FOR CELLULOSIC KNITTED FABRICS (DYEING AND PRINTING)



针织化学纤维面料印染生产流程参考

PROCESS FLOW FOR SYNTHETIC KNITTED FABRICS (DYEING AND PRINTING)



针织平幅色织布水洗机

OPEN-WIDTH WASHING RANGE FOR YARN DYED KNITTED FABRIC

TKY663

针织平幅色织布水洗机整机高智能化与高同步化设计低张力稳定行机。

在染色纱线编制成布的过程后，布面上有的粉尘，刮毛，织造的油剂，以及其余一些脏污，必须要经过多道水洗，来洗除一部分杂质，以提高织物的色泽鲜艳度、色牢度和洁净度。而去除这些杂质的过程，就叫色织布水洗。

针对客户对高生产效率、低单位能耗以及卓越布面水洗效果的需求，三技研发出连续针织平幅色织布水洗机，专为批量高效色织布水洗流程而定制。

TKY663 Open-width Washing Range for yarn dyed knitted fabric is of high intelligence and high synchronization design, with low tension and stable processing features.

The machine is configured for mass production of yarn-dyed knitted fabric. It is suitable for washing process of all kinds of yarn-dyed fabric, which can improve the color brightness and cleanliness of the fabric.

The fabric surface will be very smooth and the color brightness can be enhanced, which is especially suitable for washing process of high-end knitted fabrics.



卓越布面品质
Excellent Fabric Quality



高效率与重现性
High Efficiency And Reproductivity



防卷边及起球
Anti-Curling And Anti-Pilling



左、中、右效果均匀
Even Bleaching Effect

触屏式人机交互装置

Touch-Screen Human-Computer Interaction Device



根据工艺配方自动控制节点参数，参数实时显示，生产操作简单便捷

Automatically control node parameters according to the process formula, display parameters in real-time, and make production operations simple and convenient.

一体式过滤系统

Integrated Filtration System



水洗单元与过滤器一体式设计，工作液循环高效，配合两道过滤系统可快速过滤花毛等杂质

The integrated design of the washing unit and filter ensures efficient circulation of the working fluid, and when combined with two filtration systems, it can quickly filter impurities such as flower hairs.

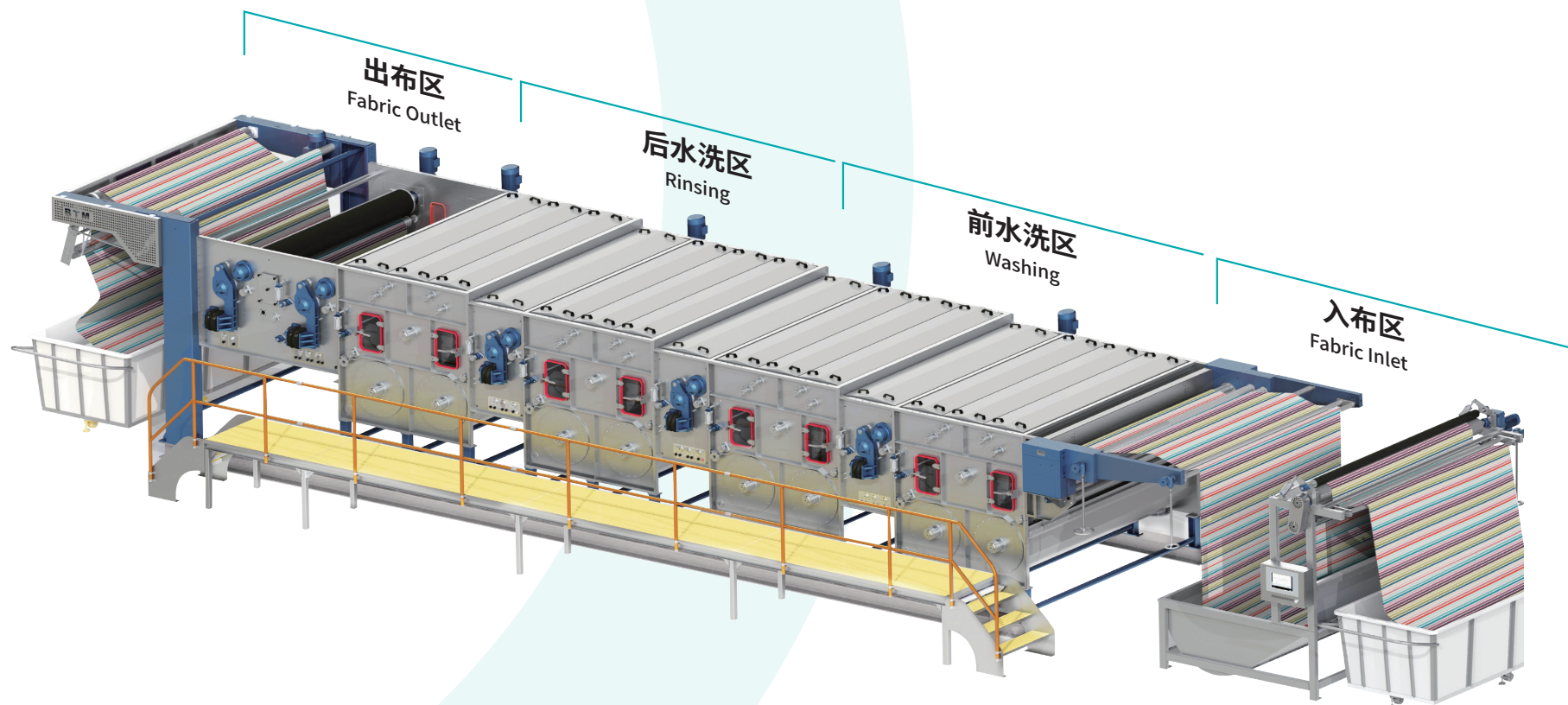
气囊

Air Bellow



高质量气囊，使用寿命长

High-quality Airbag equipped for long lifetime.



针织平幅染色后水洗机

OPEN-WIDTH DYE WASHING RANGE
FOR KNITTED FABRIC

TKD665

针织平幅染色后水洗机整机高智能化与高同步化设计，低张力稳定行机。

由于在染色过程后，布面上有许多未上染固色的染料、水解染料、碱剂以及其它化学物质，必须要经过多道水洗和皂洗，来洗除一部分杂质，以提高织物的色泽鲜艳度、色牢度和洁净度。而去除这些杂质的过程，就叫染色后水洗。针对客户对高生产效率、低单位能耗以及卓越布面水洗效果的需求，三技研发出连续针织平幅染色后水洗机，专为批量高效优质水洗流程而定制。

TKD665 Open-width Dye Washing Range is of high intelligence and high synchronization design, with low tension and stable processing features.

There are many undyed and hydrolyzed dyes, alkali agents and chemicals left on the fabric after the dyeing process, and it is necessary to go through multiple washes to wash off these impurities in order to improve the color brightness and color fastness. This multiple washing process is called washing after dyeing.

In response to customers' demand for low unit energy consumption, high washing quality and efficiency, TEXPRO has developed the continuous Open-width Dye Washing Range.



高效率及高重现性

High Efficiency And
High Reproducibility



布面平整及适宜敏感色水洗

Smooth Fabric Surface And Suitable For
Sensitive Color Washing



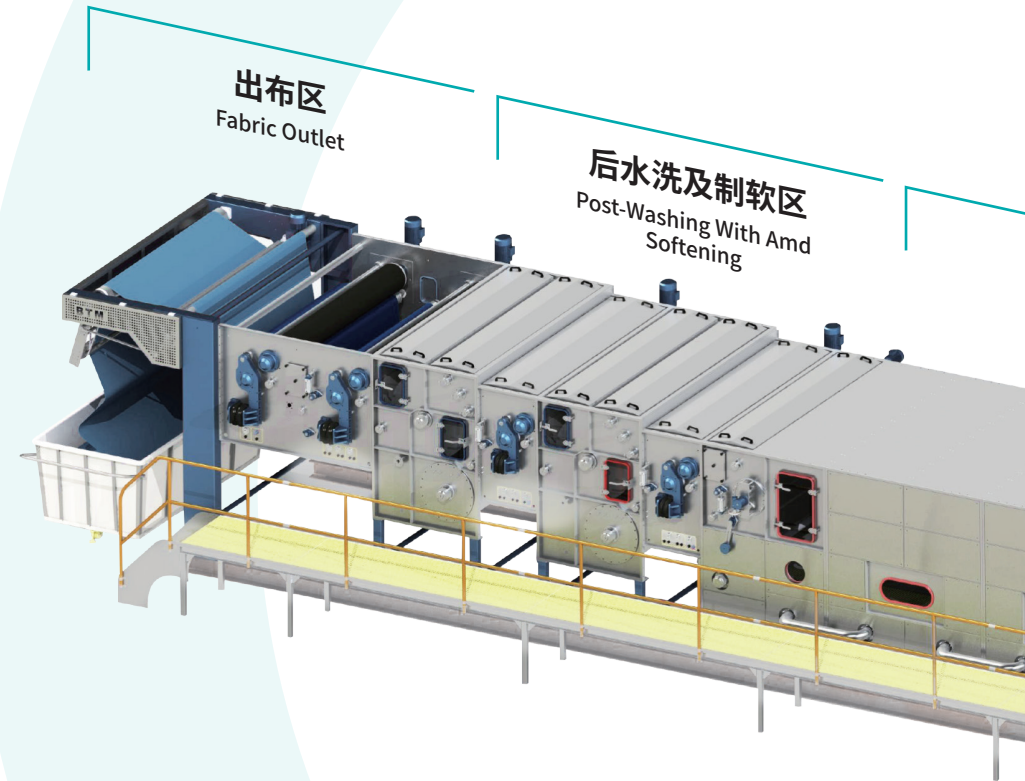
抗起球布面及低张力水洗

Anti-Pilling And Low-
Tension Washing Process



均匀水洗效果

Even Washing Effect



专利设计 Niagara 水洗单元

Patent Design Niagara Washing Unit

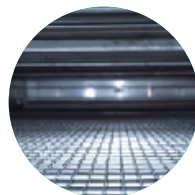


底部液下湍流配合顶部喷淋可高效冲洗布面，快速去除布面浮色及杂质

Bottom liquid turbulence combined with top spray can efficiently flush the fabric surface, quickly removing floating colors and impurities from the fabric surface.

高强度堆布网

High Strength Fabric Dwelling Net



高强度及大网孔设计，容量高且液体可充分穿透布匹

High strength and large mesh net designed, with satisfied dwelling capacity and penetration effect.

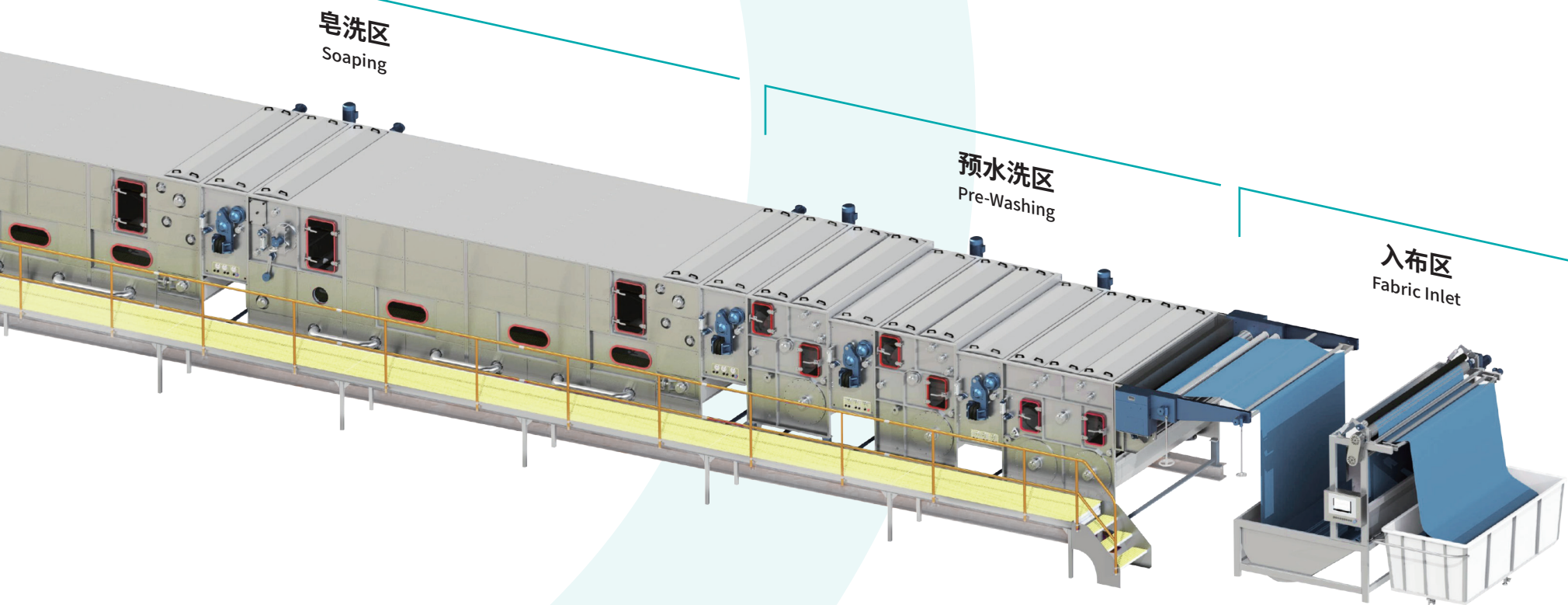
多节点同步马达配置

Multiple Synchronous Motors



整机设置多节点同步马达，保障布匹低张力运输于设备的前中后段

Multiple synchronous motors equipped to ensure that the fabric is transporting in low tension.



针织平幅印花后水洗机

OPEN-WIDTH PRINT WASHING RANGE FOR
KNITTED FABRIC

TKP666

针织平幅印花后水洗机整机高智能化与高同步化设计，低张力稳定行机。

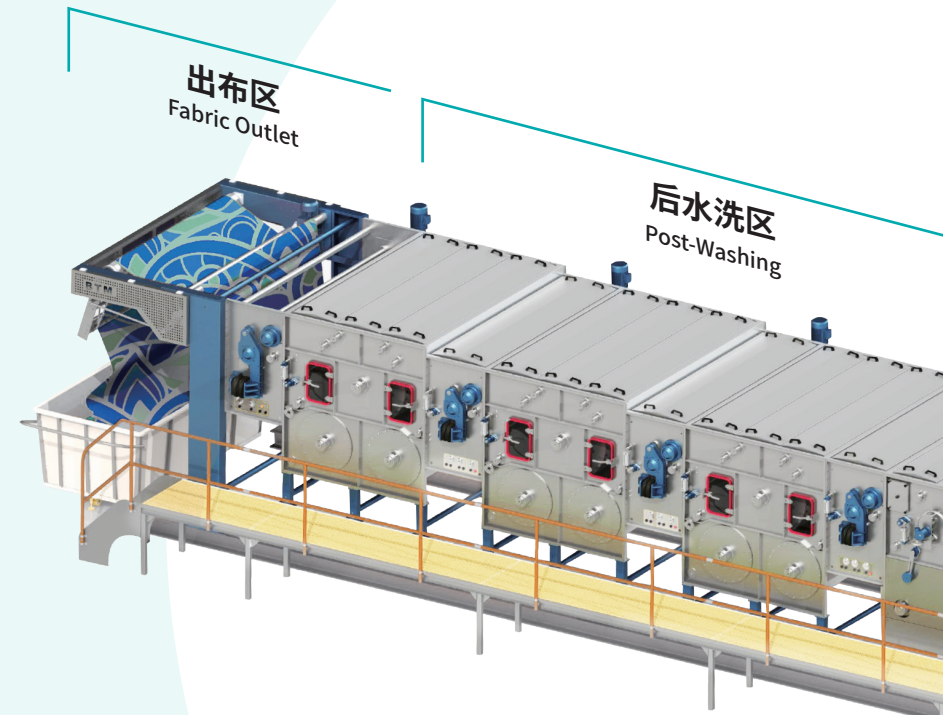
织物印花后，布面上的色浆、糊料、残留的化学药剂和染料等物质必须经水洗加以洗除才能获得良好的色泽和染色牢度。该类物质可经扩散进入水洗液，并在新鲜洗液不断冲洗置换下从织物上去除，而该过程，就叫印花后水洗。

针对客户对高生产效率、低单位能耗以及卓越布面水洗效果的需求，三技研发出连续针织平幅印花后水洗机，专为批量高效印花后水洗流程而定制。

TKP666 Open-width Print Washing Range is of high intelligence and high synchronization design, with low tension and stable processing features.

After the fabric printing process, the remaining pigment, paste, residual chemicals and dyes on the fabric must be washed off to obtain good color brightness and color fastness. They are able to be diffused into the water and removed from the fabric under the continuous washing and replacement effect of the fresh water. And such process is called washing after printing.

In response to customers' demand for high production efficiency, low unit energy consumption and excellent fabric washing effect, TEXPRO has developed the continuous open-width washing after printing range TKP666, which is specially customized for mass production of the process.



均匀及高效水洗
Even And High Washing Effect



防卷边平幅传送
Anti-Curling And Open-Width
Transportation



防沾色
Anti-Color Staining



低水耗及低能耗
Low Water Consumption And Energy Consumption

易维护高效喷淋

Easy Maintenance
And Effective
Power-Spray



人性化设计及方便维护的强力喷淋管设计
Humanized design for convenient maintenance
Power-spray design.

电磁流量计

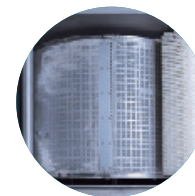
Inductive
Flowmeter



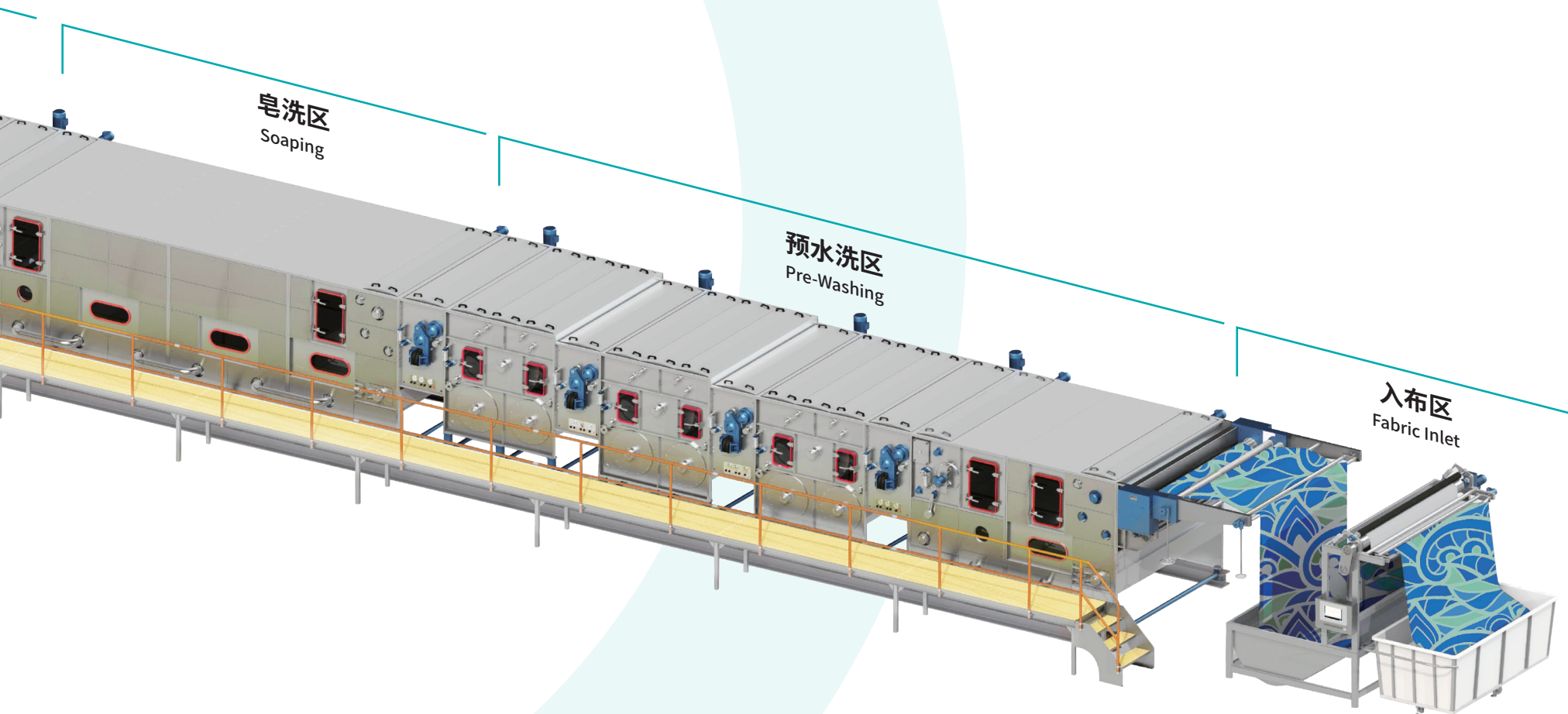
准确及自动监控流量
Accurately and automatically monitoring
of liquid flow rate.

自动毛刷过滤器

Automatic Filter
With Brush



全自动运作过滤器，可有效去除污物及毛屑
Automatic filter, which can remove the dirt
and lint efficiently.



针织平幅制软机

OPEN-WIDTH SOFTENING RANGE FOR KNITTED FABRIC

TKS667

针织平幅制软机整机高智能化与高同步化设计，低张力稳定行机。

该设备针对针织物的批量制软流程而配置，适用于各类针织物的制软流程。

使用该设备进行制软后的织物布面平整光洁，尤其适用于高端针织物的制软作业。

TKS667 Open-width Softening Range for Knitted fabric is of high intelligence and high synchronization design, with low tension and stable processing features.

The machine is configured for the mass production softening process for all kinds of knitted fabrics. After the processing, the fabric surface is smooth and tidy, especially suitable for the softening of high-end knitted fabric.



高效率
High Efficiency



优良的渗透效果
High Penetration Effect



均匀及高带液量
Even And High Pick-Up



卓越的制软效果
Excellent Softening Result

网带同步传动装置

Mesh Belt
Synchronized
Driving Device



自动调节堆布停留时间，工作液循环稳定，使柔软剂充分扩散入纱线之间

Automatic adjustment of fabric retention time, stable circulation of working fluid, allowing the softener to fully diffuse between the yarns.

湿—湿过软系统

Wet-Wet Softener
System

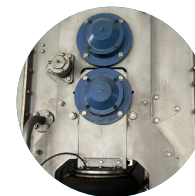


根据工艺配方自动控制柔软剂加入量，过软均匀，可达到干布过软效果，零排放

Automatically control the amount of softener added according to the process formula, ensuring even softening and achieving a dry fabric softening effect with zero emissions.

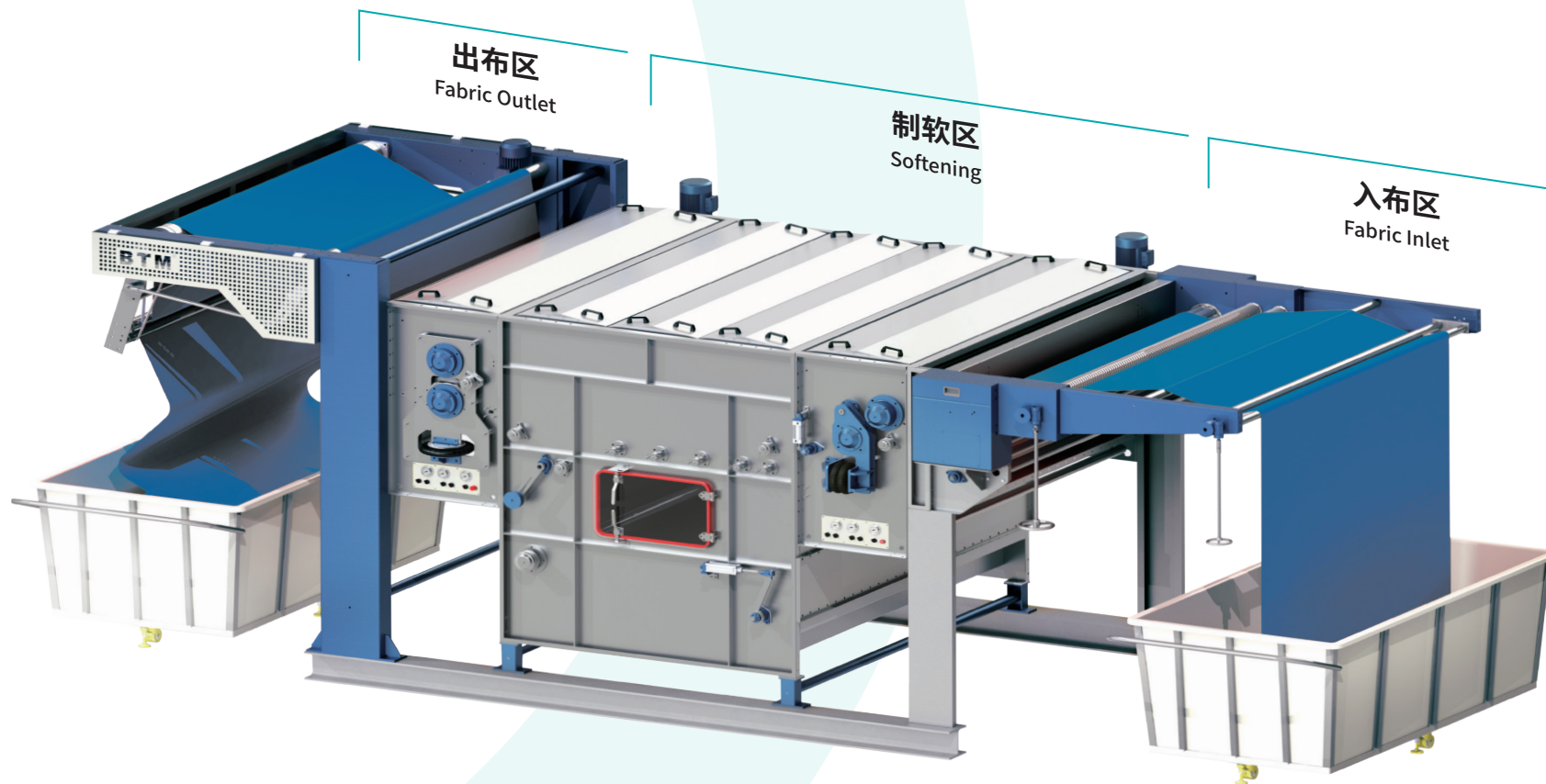
重轧车

Heavy
Squeezer



轧余率低至 50%，确保工作液左中右均衡渗透

The pick up rate is as low as 50%, ensuring balanced infiltration of the working fluid in the left, middle, right directions.



针织平幅除油水洗机

OPEN-WIDTH SPUN-OIL WASHING RANGE FOR KNITTED
SYNTHETIC FABRIC

TKW668

针织平幅除油水洗机整机高智能化与高同步化设计，低张力稳定行机。

该设备针对针织物的批量除油水洗流程而配置，适用于化纤类针织物的除油水洗流程。

使用该设备进行除油水洗后的织物布面平整光洁，尤其适用于高端针织物的除油水洗作业。

TKW668 Open-width Spun-oil Washing Range is of high intelligence and high synchronization design, with low tension and stable processing features.

The machine is configured for the mass production of spun-oil washing process for all kinds of knitted synthetic fabric. After the processing, the fabric surface is smooth and tidy, especially suitable for the spun-oil process of high-end knitted synthetic fabric.



卓越布面品质
Excellent Fabric Quality



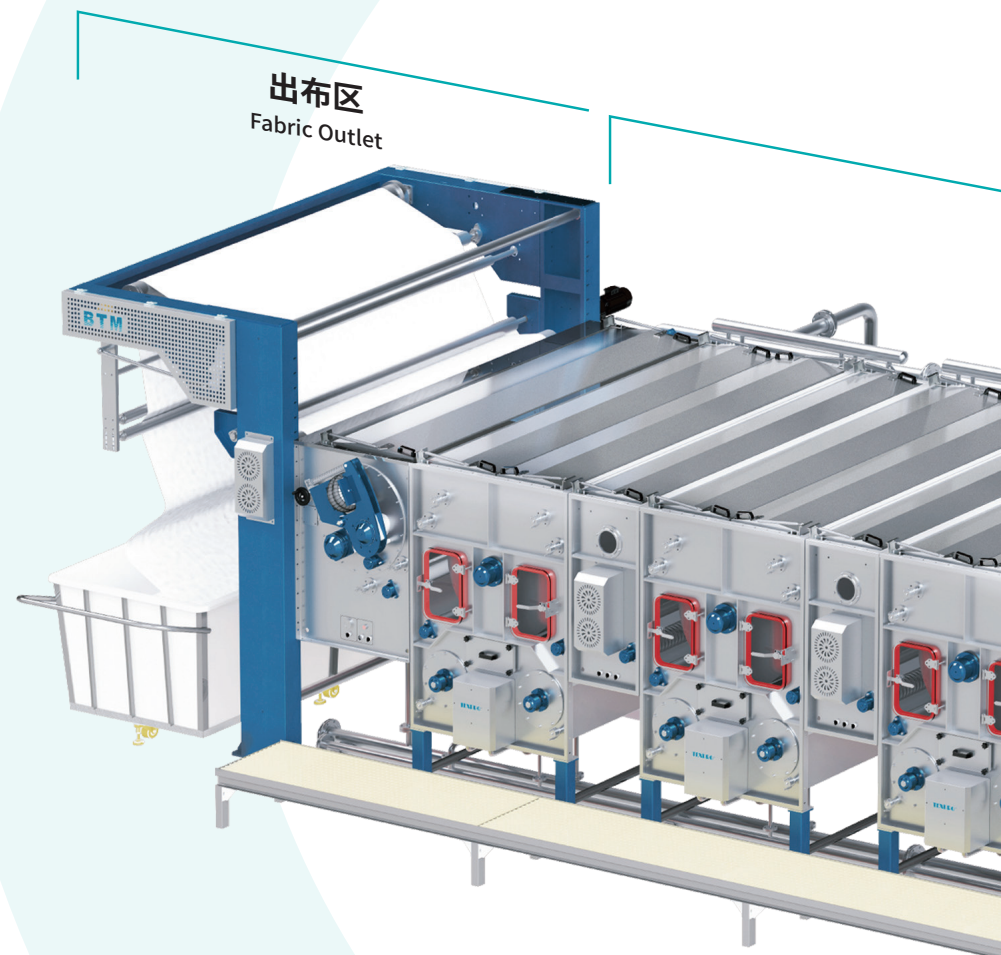
高效率与重现性
High Efficiency And Reproductivity



消除内应力
Relieving Internal Stress

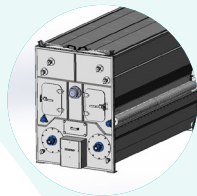


除油均匀
Uniform Oil Removal Outcome



Niagara 水洗单元

Niagara
Washing Unit

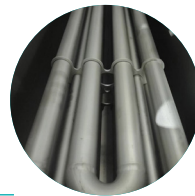


底部湍流结合顶部喷淋双重水洗，可使油污快速分散脱离，配合瀑布式循环系统能避免油污反沾及脏污沉积

Bottom turbulence combined with top spray dual water washing can quickly disperse and detach oil stains, and with the help of a waterfall circulation system, it can prevent oil stains from rebounding and depositing dirt.

加热系统

Heating
System

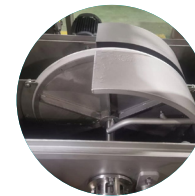


换热面积大，升温快速均匀，相比底板加热及直接加热能节约蒸汽量 10%

Large heat exchange area, fast and uniform heating, can save 10% steam compared to bottom plate heating and direct heating.

刀片式过滤系统

Blade Type
Filtration
System

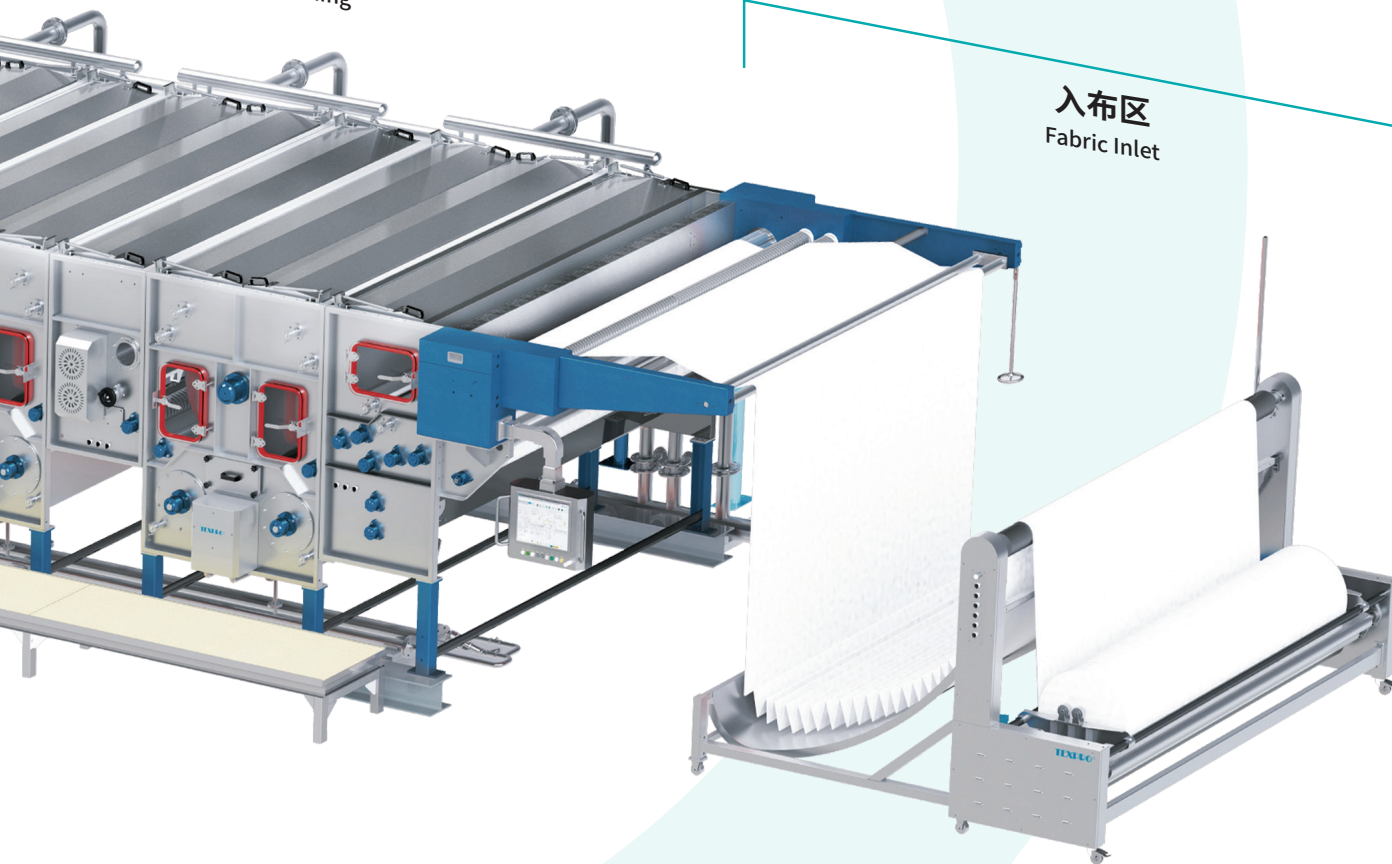


一体式设计的过滤器确保工作液快速循环，双通道过滤系统可高效过滤油污杂质，降低水耗能耗

The integrated design of the filter ensures fast circulation of the working fluid, and the dual channel filtration system can efficiently filter out oil and impurities, reducing water consumption and energy consumption.

除油水洗区
Spun-Oil Washing

入布区
Fabric Inlet



针织平幅除油水洗联动单元

OPEN-WIDTH SPUN-OIL WASHING UNITS FOR KNITTED SYNTHETIC FABRIC

TKW668-S

简化工艺流程，针织平幅除油水洗机联动单元高智能化与高同步化设计，低张力稳定行机。

该设备针对针织物于定形机预定前的简易除油水洗流程而配置，适用于化纤类针织物的除油水洗流程。

使用该设备进行除油水洗后的织物布面平整光洁，尤其适用于高端针织物的除油水洗作业。

Simplified technical process flow, TKW668-S Open-width Spun-oil Washing Unit is of high intelligence and high synchronization design, with low tension and stable processing features.

The machine is configured for the mass production of simple spun-oil washing process before the stenter for all kinds of knitted synthetic fabric. After the processing, the fabric surface is smooth and tidy, especially suitable for the spun-oil process of high-end knitted synthetic fabric.



卓越布面品质
Excellent Fabric Quality



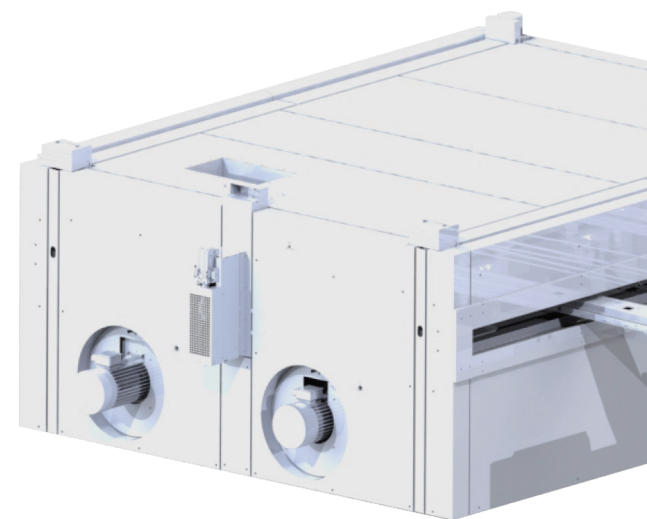
高效率与重现性
High Efficiency And Reproducibility



消除内应力
Relieving Internal Stress



除油均匀
Uniform Oil Removal Outcome



高效可调节压力轧车

High Efficiency
Adjustable Pressure
Squeezer



轧车压力可调且左中右压力均匀性高

The squeezing pressure is adjustable and the pressure uniformity (left, middle and right) is high.

比例阀

Proportional
Valve



按生产需求精准自动控制注水量

Accurately and automatically controls the water inlet according to the production requirements.

自旋转式刮油器

Self-Rotating Oil
Scraper



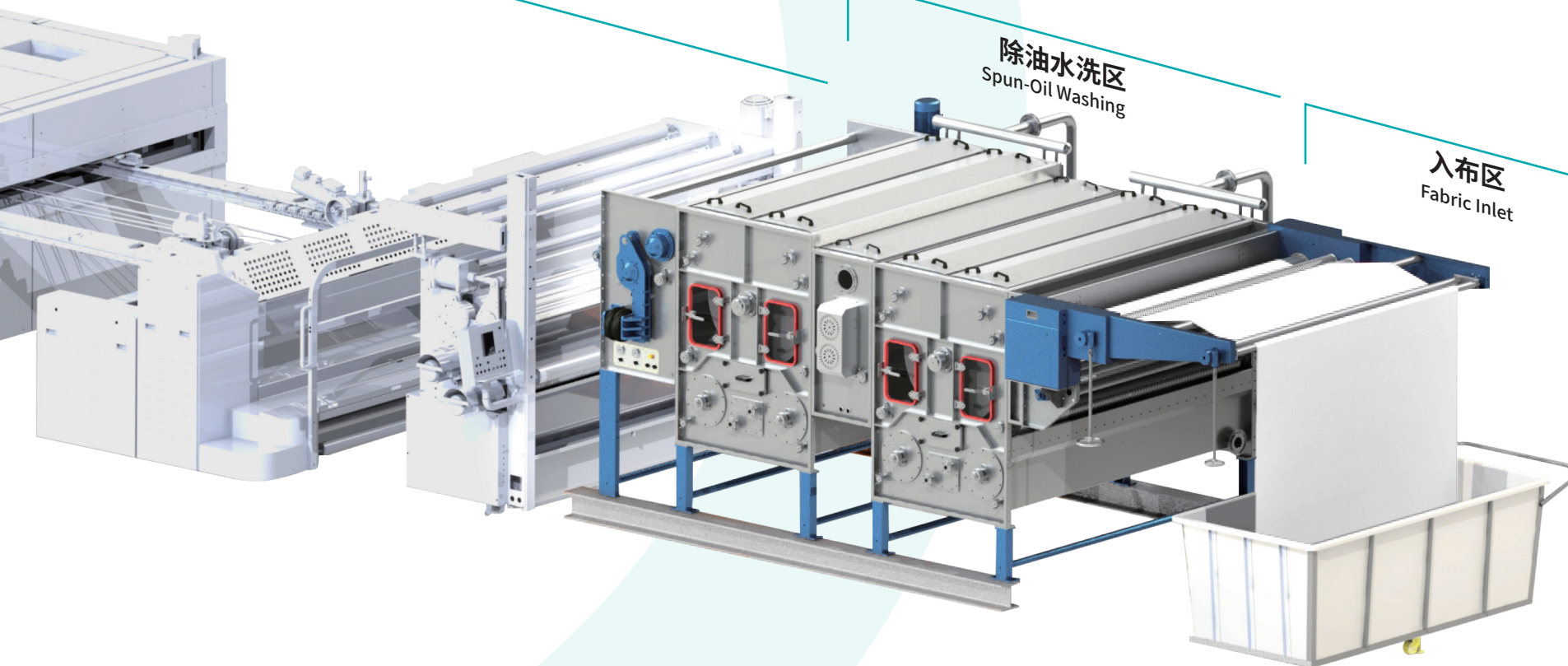
高效刮油，维护简易

Efficient oil scraping and easy maintenance.

定形机
Stenter

除油水洗区
Spun-Oil Washing

入布区
Fabric Inlet



针织平幅煮漂机

OPEN-WIDTH PRETREATMENT RANGE

TKB661

针织平幅煮漂机整机高智能化与高同步化设计，低张力稳定行机。

该设备针对针织物的批量前处理煮漂流程配置，适用于棉等纤维素纤维织物的煮漂流程。

使用该设备进行前处理的织物布面平整，白度均匀。纤维渗透性和吸水性好，尤其适合作为高端针织物及敏感布种的前处理作业。

TKB661 Open-width Pretreatment Range is of high intelligence and high synchronization design, with low tension and stable processing features.

The machine is especially made for the bleaching process of knitted cotton and cellulosic fabric. The fabric treated by this equipment has smooth surface and even whiteness. Fiber permeability and water absorption is good, and is especially suitable for high-end knitted fabrics and sensitive fabric pretreatment management.



卓越布面品质
Excellent Fabric Quality



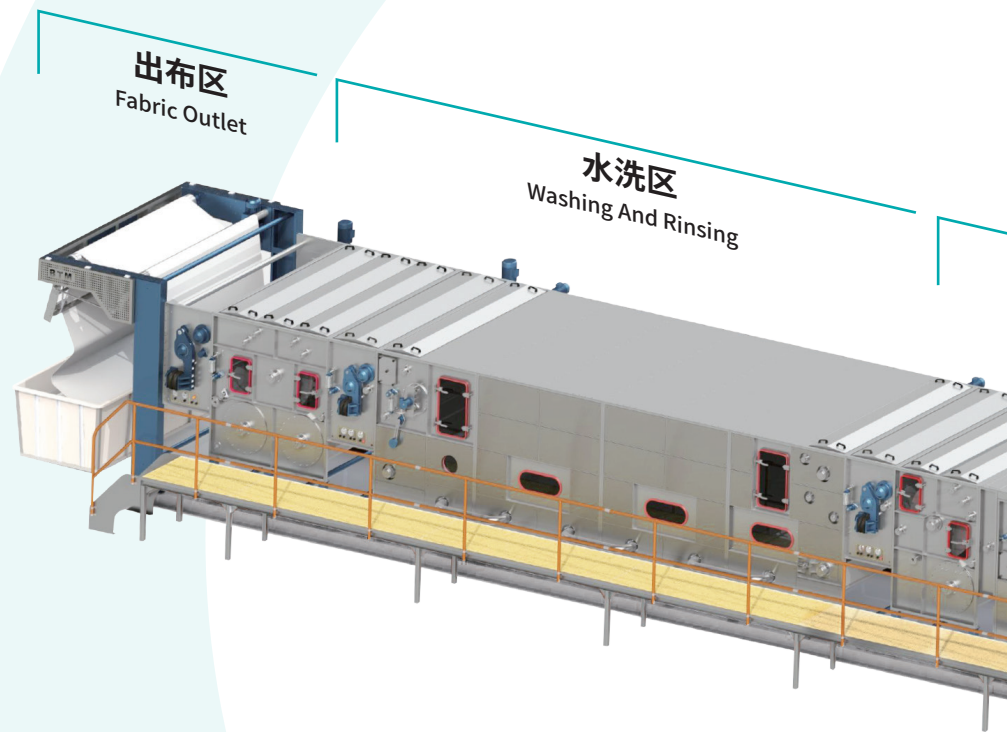
高效率与重现性
High Efficiency And
Reproducibility



漂白度高
High Degree Of Whiteness

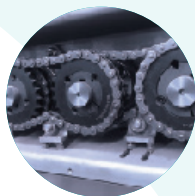


左、中、右效果均匀
Even Bleaching Effect



辊床同步传动装置

Roller-Bed
Synchronized Driving
Device



高质量链条传动及精准控制堆置时间

High quality chain drive with precise dwelling time control.

E+L 蒸箱对中装置

E+L Centering Device
Inside The Steamer

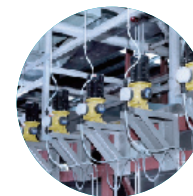


流程经匹配式调校后，其于高温蒸箱中高效作业无忧

After the commissioning to match the process, the device is able to work efficiently even in the high temperature steamer.

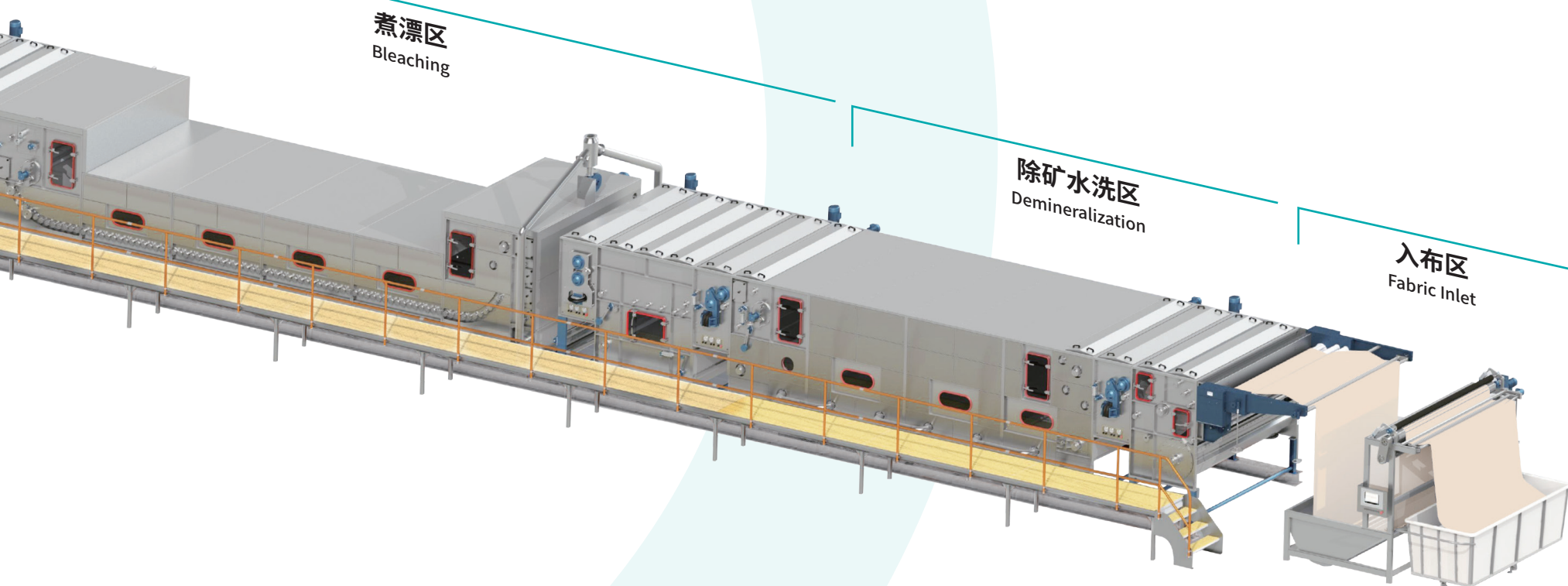
定量注料系统

Quantitative
Dosing System



按生产需求精准自动控制各药剂注料量

Accurately and automatically control the dosage of each agent according to the requirements.



针织平幅丝光机

OPEN-WIDTH MERCERIZING RANGE FOR KNITTED FABRIC

TKM662

针织平幅丝光机整机高智能化与高同步化设计，低张力稳定行机。

该设备针对针织全棉等纤维素纤维织物的批量前处理丝光流程而配置。使用 TKM662 进行平幅丝光后可有效提高面料光泽度，使染色耗染料与助剂量减少，染色后色泽鲜亮，垂悬感较好，布面平整，光洁不起球，尤其适用于高端针织物的碱丝光作业。

TKM662 Open-width Mercerizing Range is of high intelligence and high synchronization design, with low tension and stable processing features.

The machine is designed for the mass production of pre-treatment mercerization process of knitted cotton and other cellulose fabric, which can effectively improves the gloss effect of the fabric and save dyes stuffs as well as chemical agents in dyeing process. The fabric surface will be very smooth(anti-pilling) and the color brightness could be enhanced, which is especially suitable for alkali mercerizing of high-end knitted fabrics.



智能配碱系统
Intelligent Alkali Dosing System



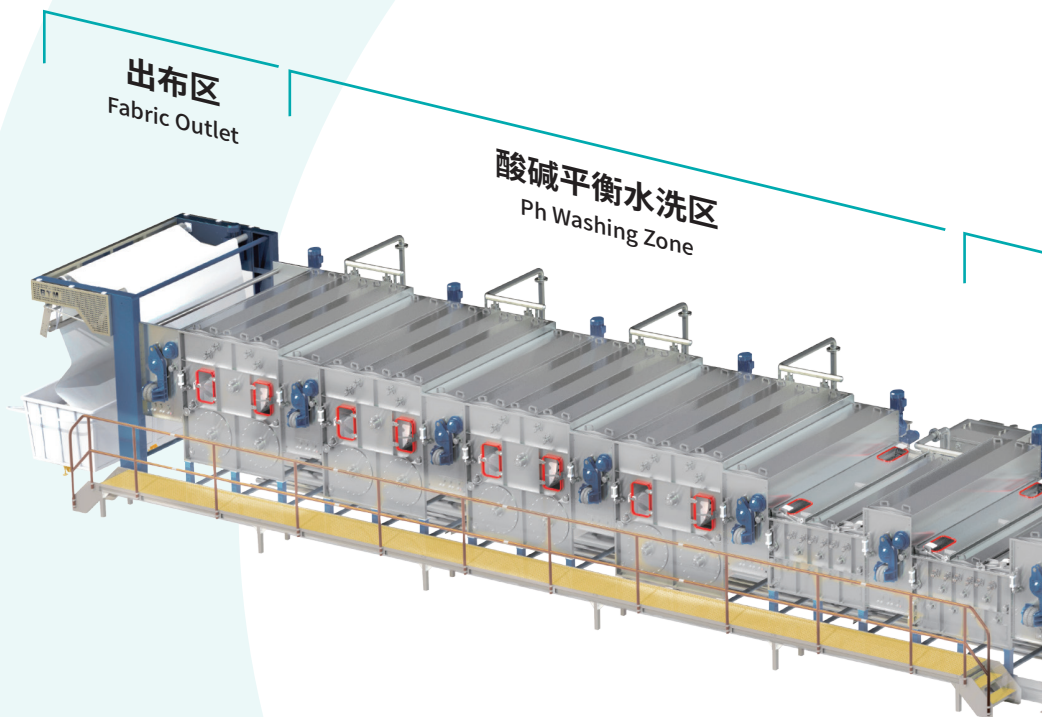
抗起球布面及低张力传送
Anti-Pilling And Low-Tension Transportation



均衡高效渗透及低耗碱量
Even And High-Efficiency Penetration With Low Alkali Consumption



节省染料及能耗
Dye Saving And Energy Saving



瀑布式淡碱喷淋区

Waterfall Style
Alkali Spray
Area



产生柔和水流，均匀淋洗布面，配合底部的真空抽吸装置快速降低布面碱浓度
Generate gentle water flow, evenly rinse the fabric surface, and use the vacuum suction device at the bottom to quickly reduce the alkali concentration on the fabric surface.

超喂 (-25%~50%) 拉幅丝光区

Overfeeding (-25%~50%)
And Mercerizing Area



超喂进布及拉幅丝光

Mercerize the fabric under overfeeding status .

均衡丝光单元

Uniform
Mercerizing Unit



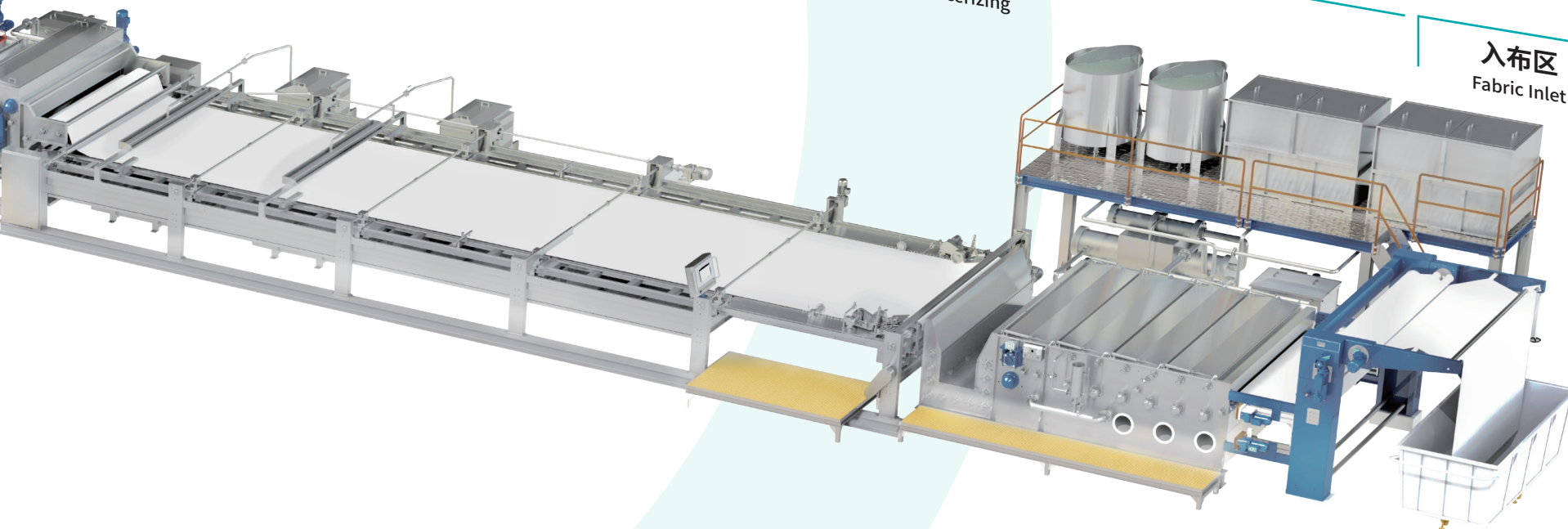
配置大包角丝光辊进行均匀丝光流程

Configure large corner mercerizing roller for uniform mercerizing process.

稳定区
Stablization Zone

丝光区
Mercerizing

入布区
Fabric Inlet



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