

HBD INTELLIGENT HIGH TEMPERATURE WARP BEAM DYEING MACHINE

HBD 智能高温经轴染色机

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HBD 系列是我司新研发的一款智能化经轴染色机。主要用于高弹面料，敏感面料等的染色，同时也可应用于织带，拉链，无纺布的煮漂及染色。高自动化设计，可简化操作，同时为自动化生产提供可能。缸内多种循环设计，满足客户不同品种生产，提高染色效果。

The HBD series intelligent high temperature warp beam dyeing machine is a newly developed warp yarn dyeing machine by our company, mainly used for high elasticity and sensitive fabrics dyeing. It can also be applied to webbing, zippers and non-woven fabrics for bleaching and dyeing purposes. With its highly automated design, it simplifies operations and enables the production automation possibilities. The multiple circulation designs in the cylinder cater to different production needs of customers while enhancing the dyeing effect.

基本技术参数 BASIC TECHNICAL PARAMETERS	
升温率 (0.7MPa 干饱和蒸汽计算) Heating Rate (Dry Saturated Steam At 0.7mpa)	25°C -100°C : 5°C /min
	100°C -130°C : 2.5°C /min
降温率 (0.3MPa、25°C冷却水计算) Cooling Rate (Cooling Water At 0.3mpa And 25 °C)	25°C -100°C : 5°C /min
	100°C -130°C : 2.5°C /min
设计压力 Design Pressure	0.5Mpa
设计温度 Design Temperature	140°C

如有需求特殊载量，详情请咨询我司营业顾问

If any special request for loading capacity, please contact our sales team for details.



缸体所有和染液直接接触的不锈钢板材均采用 S31603/SUS316L/SUS316Ti 高度抗腐蚀不锈钢制造。

All stainless steel plates in touch with the dyeing liquid in the machine body are made of S31603 / SUS316L / SUS316Ti highly corrosion resistant stainless steel.

设计特点

DESIGN FEATURE



高自动化设计：配自动开盖、关盖、安全锁装置。

High automation design: with automatic lid opening, closing and safety locking device.



双流向染色设计：单，双向染色方式可选。

Dual-flow dyeing design: single, two-way dyeing method is optional.



带缸内旋转配置：自主研发的旋转装置，可有效提高染色的均匀性。

Build in rotary unit : Self-developed rotary device ensure dyeing uniformity.



智能控制：配置智能控制器，满足条件下精确控温偏差仅 $\pm 0.2^{\circ}\text{C}$ 。

Intelligent control: The precision temperature control deviation is only $\pm 0.2^{\circ}\text{C}$ under certain conditions with the T12 intelligent controller.

布料类型

FABRIC TYPES

在特定的行机条件下，部分典型的适染布种

The HBD is suitable for a wide range of knitted and woven fabrics. Due to its high versatility, it is particularly recommended for synthetic or cellulose fiber blends in knitted and warp-knitted fabrics.



高弹锦纶经编面料
High Elasticity Nylon Warp Knitted Fabric



无纺布
Nonwovens



拉链
Zipper

以上参数仅供参考

Above information is a selection of fabrics suitable for processing on HBD intelligent high temperature warp beam dyeing machine. This selection is for reference only. Please contact our representative for a comprehensive list of fabrics.

本说明书中参数、图片仅供参考，本公司保留最终的修改权利而不再另行通知。

The parameters & pictures shown in this catalogue are only for your reference. We reserve the right to modify technologies without prior notice.

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