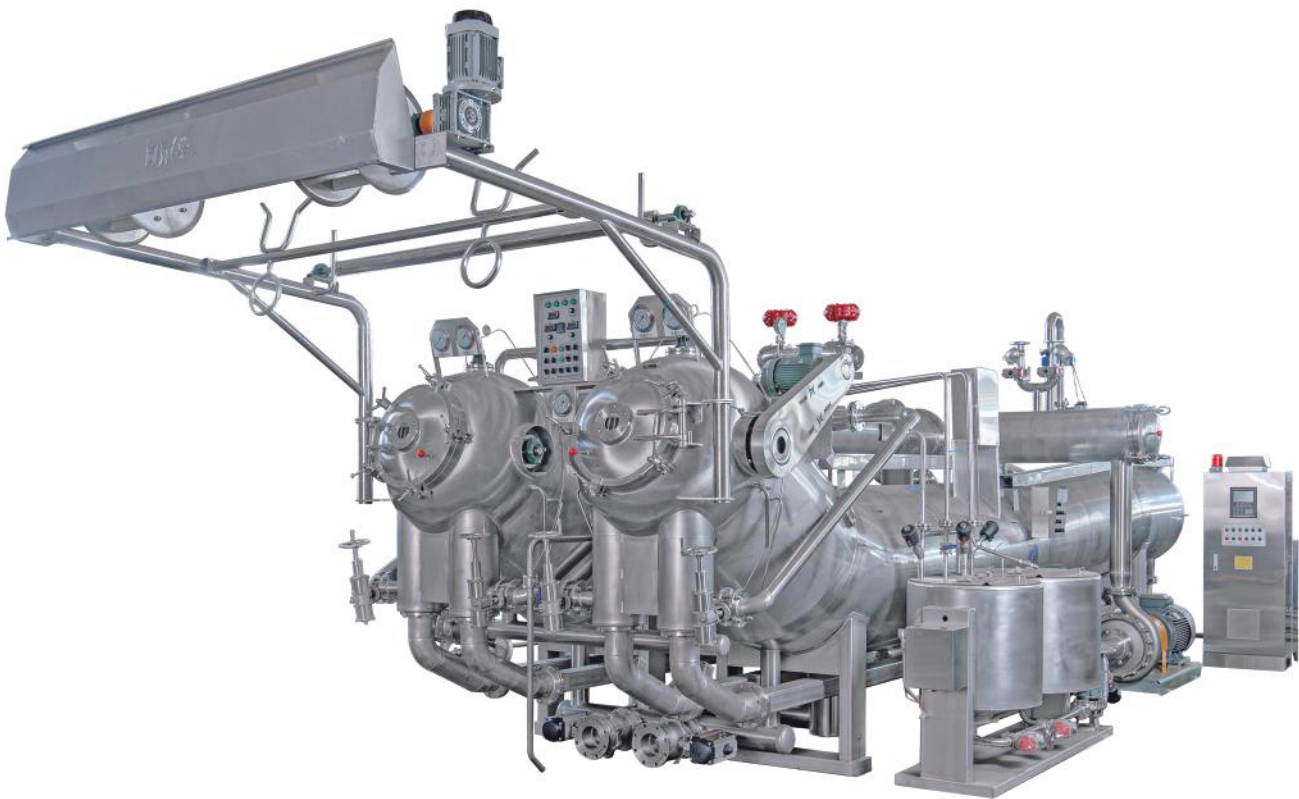


TH-VK系列高温高压快速染色机

TH-VK SERIES High-temperature and High-pressure Rapid Dyeing Machine



在能源、环保及加工成本的影响下，印染行业正面临着前所未有的压力和考验。在满足人们日益增长的物质文明对纺织品的需求同时减少能耗和污染，是印染可持续发展所必须考虑的首要问题。为此，印染企业必须走技术发展和进步之路，淘汰传统落后的产能和装备，采用先进的、具有高效节能特性的工艺装备。

公司团队经过长时间研究论证，在TH-VA基础上，成功设计开发出了采用滑梯式的储布结构，借以大幅减少用水量，大大降低浴比，且使布匹不会受到挤压产生折皱的结构；并且操作方便、合理，短流程的设计、下走式走布管的机型。

Under the influence of energy, environmental protection and processing cost, the printing and dyeing industry is facing unprecedented pressure and test. In order to meet people's increasing demand of material civilization on textiles and meanwhile reducing energy consumption and pollution, which is the primary issue that must be considered for sustainable development of printing and dyeing. Therefore, printing and dyeing enterprises must follow the road of technological development and progress, eliminate the traditional outdated production capacity and equipment, and adopt advanced technology equipment with high efficiency and energy saving characteristics.

After a long period of research and demonstration, the company's team successfully designed and developed a sliding cloth storage structure on the basis of TH-VA, which greatly reduced the water consumption and greatly reduced the bath ratio, and made the fabric not squeezed and creased. The operation is convenient, reasonable, short process design and machine with down type fabric tube.

◆ 主要技术参数

- ★ 机器型式：长型缸体
- ★ 设计压力：0.44Mpa
- ★ 最高工作压力：0.4Mpa
- ★ 设计温度：140℃
- ★ 最高工作温度：135℃
- ★ 升温速度：20℃ ~ 130℃约35分钟（饱和蒸气压力为0.7Mpa）
- ★ 降温速度：130℃ ~ 80℃约25分钟（冷却水压力为0.3Mpa）
- ★ 浴比：低至1：4~6
- ★ 冷却水温度：20℃ ~ 30℃

◆ The main technical parameters

- ★ Machine type: long cylinder block
- ★ Design pressure: 0.44Mpa
- ★ Maximum working pressure: 0.4Mpa
- ★ Design temperature: 140℃

- ★ The highest working temperature: 135℃
- ★ Temperature rising rate: 20℃ ~ 130℃ around 35 minutes (saturation vapor pressure is 0.7Mpa)
- ★ Cooling rate: 130℃ ~ 80℃around 25 minutes (cooling water pressure is 0.3Mpa) cooling water temperature:20℃ ~ 30℃
- ★ Bath ratio: as low as 1：4~6

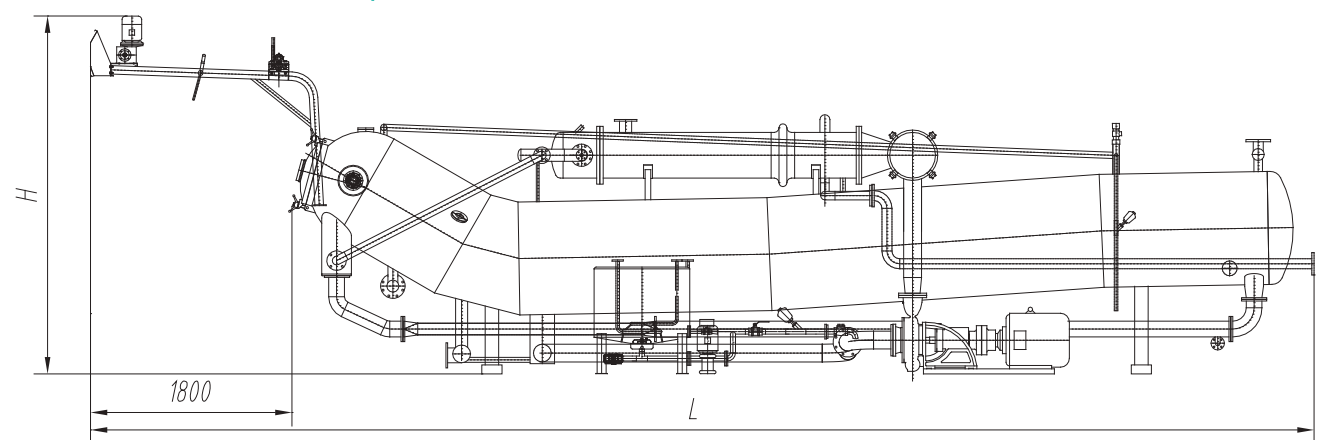
◆ 主要技术特点：

- ★ 超低浴比，浴比可低至1：4~1：6。
- ★ 大容量，容量在原来的基础上可增加约100%产量。
- ★ 容易产生折痕布种可少一次预定型，节省成本。
- ★ 每吨布能耗低（在原来的基础上节省水、电、蒸汽、助剂各约50%、）。
- ★ 柔性水流，让布料受到表面冲击最低，以确保不起毛，纱支不扭曲。
- ★ 独特弯头设计，可达到死角，张力最小。
- ★ 适应品种广，从一般的针织布到最新发展的弹性布料，均可适用。
- ★ 极适合于弹性布及低张力布种的特殊运转要求。
- ★ 操作保养简单。

◆ Main technical characteristics:

- ★ Ultra-low bath ratio, bath ratio can be as low as 1:4 ~ 1:6.
- ★ Large capacity, capacity on the original basis can be increased by about 100% of the output.
- ★ The fabrics easy generation of crease can less one presetting tosave cost.
- ★ Low energy consumption per ton of cloth (save about 50% for water, electricity, steam and additive on the original basis separately).
- ★ Flexible flow of water to minimize surface impact on high-grade fabric to ensure no fluffing and no distortion on yarn.
- ★ Unique elbow design can reach the dead angle with minimum tension.
- ★ Suitable for a wide range of varieties, from ordinary knitted fabric to the latest development of elastic fabric, all can be applied. It is suitable for special operation requirements on elastic cloth and low tension cloth.
- ★ Simple operation and maintenance.

◆ 机器主要规格 Main specifications of machine



型号 Model	管数/槽数 Number of tubes/chemers	最大容布量 Max.Capacity (kg)	外形尺寸 Dimension		
			L(mm)	W(mm)	H(mm)
TH-VK-1C	1/2	300~450	11000	2100	3100
TH-VK-2C	2/4	600~900	11000	3400	3100
TH-VK-4C	4/8	1200~1800	11000	6400	3300