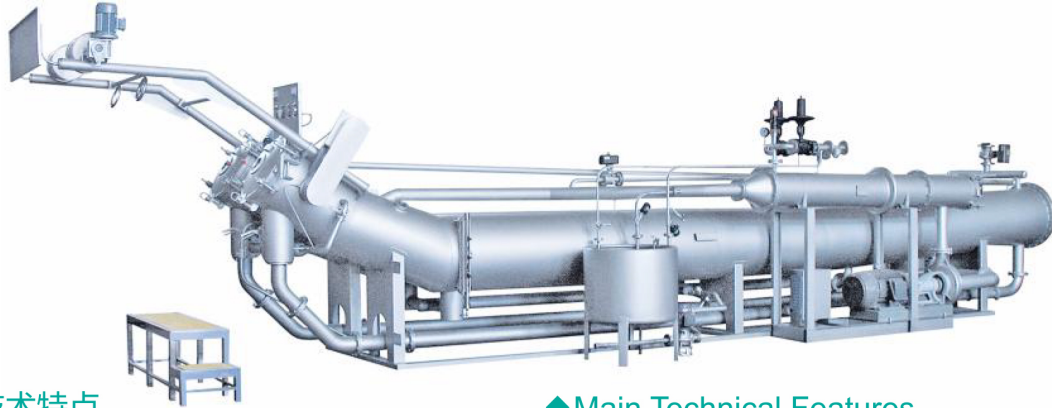


TH-VT系列高温高压快速染色机

TH-VT SERIES

High-Temperature and High-Pressure Rapid Dyeing Machine



◆ 主要技术特点

- ★ 广泛的织物染色加工适应性：轻薄至厚重织物均可顺畅运行，布速可在150-600m/min范围内任意调节。
- ★ 低浴比：独特的内网设计使浴比降至1:6~8。
- ★ 超低张力设计：布匹运行至前方内部特殊布水分离装置时已呈现低含水状态，布重大幅降低，带布轮将布匹由染色槽内以最低距离向上提升，再经由喷嘴系统运行，此原理可使布匹在最低张力状态下顺利高速同步运行。
- ★ 优良的染色品质和优异的加工风格：因被染织物借有高扬程主泵提供喷射染液之流动，得因解捻装置，整流器及机尾二次撞击点发挥作用，让织物具有高度的松弛和搓揉，利用导布方箱及机尾撞击点，使布匹即使在高速运行下仍能规则地排列堆置，减少缠车停机。
- ★ 喷嘴：可依据不同织物和工艺调整喷嘴口径和间隙，以达到最佳效果。

◆ 选用设备

- ★ 单缸操作：两筒身以上的染缸，可关闭一筒身不用，只使用一筒身，以节省蒸汽及染料，降低成本。
- ★ 连缸操作：两台染色机可并联使用，同时染一种颜色，或分开染两种不同的颜色。
- ★ 可编程全自动定量加药系统
- ★ 中央监控系统装置
- ★ 低浴比洗缸系统
- ★ 自动流量控制系统
- ★ 自动布速调整系统
- ★ 自动布头检知系统
- ★ 比例升温装置
- ★ 二次或三次入水装置
- ★ 二次或三次排水装置
- ★ 出布摆布装置

◆ Main Technical Features

- ★ The wide fabric deing processing application: the thin and thick fabrics can be operated smooth. The cloth velocity can be arbitrarily adjusted within the scope of 150-600m/min.
- ★ Low bath ratio: the distinctive internal net design can reduce the bath ratio to 1:6~8.
- ★ Super-low tension design: When the cloth runs to the front of the internal water separation device, it has already presented the low moisture state, which makes the cloth weight reduce largely, thus leading the cloth upward through dyeing slot in minimum distance, and then run through the nozzle system. This principle can make the cloth operate smoothly and synchronously at high speed in minimum tension.
- ★ Superior dyeing quality and excellent dyeing processing style: because of the dyed fabric flow by means of jet dyeing liquor of main high-lift pump. The twisting device, rectifier and the tai secondary impact point play their roles, thus letting the loose and rubbed. The cloth guide box and the tail collision point are used, to make the cloth evenly and regularly arranged under high-speed operation and reduce problems or shutdown.
- ★ Nozzle: it can adjust the nozzle dameter and space according to different fabrics and processes, so as to realize the optimal effects.

◆ Optional Devices

- ★ Single cylinder operation: the dyeing cylinder with more than two bodies can close one body and use one body, so as to save steam and dye, thus reducing costs.
- ★ United cylinder operation: two dyeing machines can be used jointly. It can dye one color at the same time or dye two different colors separately.
- ★ Programmable automatic quantitative additive system
- ★ Central monitoring system device
- ★ Low bath ratio cylinder washing system
- ★ Automatic flow control system
- ★ Automatic cloth velocity adjustment system
- ★ Automatic cloth head detection system
- ★ Proportional heating device
- ★ Secondary or tertiary water entry device
- ★ Secondary or tertiary water discharge device
- ★ Fabric swaying device

机型规格及型号 Machine Specification and Model	容布量 Capacity(kg)	管数/槽数 Number of tubes /chambers	装机功率 Installed power(Kw)	外形尺寸(长×宽×高) Outer Dimension (length×width×height)
TH-VT50	35~50	1/1	15.5	6600×1450×2450
TH-VT100	70~100	1/1	19.5	7600×1450×2450
TH-VT-1	175~250	1/1	23	11400×1600×2750
TH-VT-2	350~500	2/2	43	11400×2500×2750
TH-VT-4	700~1000	4/4	85.5	11400×4900×2750