

SLC系列高温高压双环松式环保染色机

SLC series HTHP dual-loop loose dyeing machine



该机型的长“L”型储布槽处理织物十分柔和，机器采用新型的喷嘴系统及织物扩散整理系统有效提高了织物的品质及产量，降低了浴比，达到环保节能，迎合当今市场最大需求的挑战设备。

机器载布量分：250kg, 500kg, 1000kg, 1500kg, 2000kg 等。

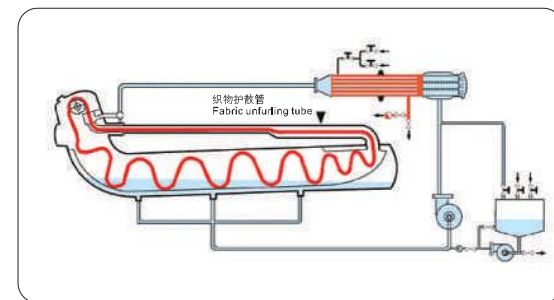
Fabrics can be processed softly in the long "L" type cloth storage groove. Adapting new nozzle system and fabric spreading and straitening system, the machine effectively improves fabric quality and productivity, lowers liquor ratio, achieves environmental protection and energy saving, caters for the most demands of the current market.

Loading volume: 250kg, 500kg, 1000kg, 1500kg, 2000 kg etc.

Key Technical Features

- ◇ Low liquor ratio 1:6-7: decreases polluted water discharge, increases dyeing liquid cycling number, achieves evener dyeing effect, saves dyestuff, agents, water, steam and electricity.
- ◇ Large loading volume: 500kg for each tube.
- ◇ Excellent fabric spreading effect: loose, without creases, good dyeing effect.
- ◇ More eco-friendly: Low water consumption, low energy consumption, low discharge.

流程图 Flow diagram



主要技术特点

- ◇ 低浴比1: 6-7: 污水排放量减少、染液循环次数增多、使染物色泽更均匀，节约染料、助剂、水、蒸汽和电能。
- ◇ 大载量: 每管装载量为500kg左右。
- ◇ 优良的织物扩散效果: 织物呈现松弛状，无褶皱，成品处染效果好。
- ◇ 更环保: 低耗水量，低耗能，低排放量，低耗电量。

机器规格及型号 Machine specification and Model	容布量 Loading capacity(kg)	管数/槽数 Number of tubes	装机功率 Power capacity(KW)	外形尺寸(长×宽×高) Dimension (length × width × height)
SLC-250	175-250	1/1	15.5	8800×1600×2800
SLC-1	350-500	1/2	24	9200×2100×3150
SLC-2	700-1000	2/4	43	9200×3550×3150
SLC-3	1050-1500	3/6	52.5	9200×5000×3150
SLC-4	1400-2000	4/8	65.5	9200×6800×3150

- ◇ 所列规格如有改良或修正，不再另行通知。
- ◇ Specification subject to change without further notice.

SVT系列高温高压快速染色机

SVT series HTHP Rapid Dyeing Machine



本机特点

- ◇ 广泛的织物染色加工适用性: 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将至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揉搓，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有规则地排列堆置，减少缠机停机。
- ◇ 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。

选用配备

- ◇ 单缸操作: 两筒身以上的染缸，可关闭一桶身不用，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。

机器规格及型号 Machine specification and Model	容布量 Loading capacity(kg)	管数/槽数 Number of tubes	装机功率 Power capacity(KW)	外形尺寸(长×宽×高) Dimension (length × width × height)
SVT-50	35-50	1/1	19.5	6600×1450×2450
SVT-100	70-100	1/1	19.5	7600×1450×2450
SVT-1	175-250	1/1	23	11400×1600×2750
SVT-2	350-500	2/2	43	11400×2500×2750
SVT-4	700-1000	4/4	85.5	11400×4900×2750

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- ◇ 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。

Characteristics

- ◇ Wide textile and dyeing processing adaptability: Smooth operation is conducted for light and heavy textile and the fabric running speed can be adjusted from 150-600m/min.
- ◇ Low liquor ratio: Unique internal net design makes the liquor ratio to 1:6-8.
- ◇ Supper-low tension design: When the fabric is moved to the front internal fabric and water separator, water content is poor and the fabric weight is decreased. The fabric driving wheel lifts up the cloth with minimum distance from the dyeing channel, and it is operated with the nozzle system. This principle makes the cloth operated at high-speed with minimum tension.
- ◇ Superior dyeing quality and processing style: With flowing of spraying dyeing liquid from high stroke pump and the de-twisted of the dyed textile, the second collision points of rectifier and machine end play their functions to make the textile highly loosed and twisted. With the square cloth guide box and collision point of the machine end, the cloth is arranged orderly under high-speed operation with fewer machine stops.
- ◇ Nozzle: Nozzle diameter and space are adjusted according to different textile and dyeing craft to reach the optimum effect.

Optional Accessories

- ◇ Single-cylinder operation: for cylinders with two or more cylinders, one cylinder is in use and the other is not used to save steam and dyestuff to reduce cost.
- ◇ Linked-cylinder operation: the two dyeing machine can be used together, dyeing one color or different colors at the same time.
- ◇ Programmable full-automatic dosing system.
- ◇ Central monitoring system.
- ◇ Automatic flow control system.
- ◇ Automatic cloth speed adjustment system.
- ◇ Automatic seam detecting system.
- ◇ Proportional temperature increasing device.
- ◇ Secondary or tertiary water filling/drain device.
- ◇ Fabric drawing out and arrangement device.