

TH-OH(UH)系列高温（ 常温 ）溢流染色机

TH-OH (UH) SERIES

High-Temperature (Normal-Temperature) Overflow Dyeing Machine



◆优越性能 Superior performance

- ★适应布种范围广：
特别喷嘴结构，使织物一直处于松解展幅状态。针对解决密度大、易生折痕及敏感色等织物的染色问题。
- ★节省省时，配合各项新技术：
a.立式热交换器，高效而美观的布置，能即时排净冷凝水及染液，缩短冷热转换消耗时间。同时避免水垢形成，延长热交换器使用寿命，减少时间和能源消耗。**b.**自动刮毛器与粹毛收集器合为一体既节省安装位置又减少染液还减轻人工刮毛所消耗时间。**c.**优化主泵进口管道，使吸口更低，用水更少。**d.**U型布槽加十字摆布方式，比同样机型之染缸装载量增加20%，降低了成本。**e.**独创喷嘴导布管洗水功能，缩小洗水时间及用水量。
- ★环保
超低浴比运行，省水环保。
- ★稳定的高重现性
超前的染色控制系统，配合双重均衡加料系统，衡压与衡流量喷嘴控制，使织物染色达到良好的均染性和重现性。
- ★人体工学缸身设计
降低机身与操作高度，放弃巨型工作台，操作方便，独特缸底设计功能有效减少储水，降低浴比。

- ★ Suitable for lots varieties of cloth
The special nozzle structure makes the fabrics always in the loose stretching state, which is targeted for the dyeing problems of the fabrics with large density and easiness for wrinkles and sensitive colors.
- ★ It is energy-saving and time-saving, which can match multiple new technologies:
a. The vertical heat exchanger is efficient and beautiful, which can instantly discharge condensed water and the dyeing liquor, and shorten the time consuming of cool-heat exchange. At the same time, it can avoid formation of incrustation, prolong the service life of heat exchanger, and reduce the waste of time and energy.**b.**The automatic shaver is integrated with wool collector is an organic whole, which can not only decrease the area of the installation, but also reduce the time consumption of artificial wool shaving.**c.** The main pump inlet tube is optimized, which can make the suction port lower and save the water.**d.**The U-shaped cloth slot is added with cross arrangement, which can increase the cylinder load in the same model by 20% and reduce the cost.**e.**The originally created nozzle cloth guide tube ' s water washing function can shorten the time of water washing and water consumption amount.
- ★ Environmental Protection
It operates in super bath ratio, which is water saving and environmentally friendly
- ★ Stable High Reproducibility
The advanced dyeing control system is cooperated with dual balanced charging system, which can guarantee balance pressure and balance flow nozzle control, to guarantee the good even dyeing and reproducibility for the dyeing of fabrics.
- ★ Ergonomic Cylinder Body Design
It can reduce the machine' s body and operating height. The machine gives up huge workbench, which is easy for operation. The distinctive cylinder bottom design can effectively reduce water accumulation and decrease bath ratio.

- ★独特的主缸循环系统使主缸上下温差控制与加料的均匀性控制在最佳状态。
- ★主缸清洗采用旋转喷射方式，缸身全方位都在清洗范围内，缸身清洗更彻底。

- ★ The distinctive main cylinder cycling system can control the temperature difference in the upper side and lower side of the main cylinder and control the evenness of charging at the optimal state.
- ★ The rotary injection mode is adopted for the cleaning of main cylinder. All parts of the cylinder body are within the scope of cleaning, to make the cleaning more complete.

◆技术数据 Technical data

- ★浴比：满载时1:4~6
- ★运行速度：400m/min
- ★最高工作温度：140℃
- ★最高工作压力：0.30Mpa
- ★升温率：25℃~100℃平均5℃/分钟，100℃~130℃平均2.5℃/分钟（干燥饱和蒸汽压力0.7Mpa）
- ★降温率：130℃~100℃平均3℃/分钟，100℃~85℃平均2℃/分钟（冷却水压力0.3Mpa，温度25℃）

- ★ Bath Ratio: wholly loaded: 1: 4~6
- ★ Operating Velocity: 400 m/min
- ★ Maximal Working Temperature: 140℃
- ★ Maximal Working Pressure: 0.30Mpa
- ★ Rate of Temperature Rise: for25℃~100℃,it is 5℃/minute on average; while for100℃-130℃,it is 2.5℃/minute on average(dry saturated vapor pressure is 0. 7Mpa)
- ★ Rate of Temperature Drop: for130℃~100℃,it is 3℃/minute on average;while for100℃-85℃,it is 2℃/minute on average.(The cooling water pressure is 0. 3Mpa and the temperature is 25℃)

◆任选件 Optional Pieces

- ★预备缸可选配置，可使工作效率提高。
- ★注盐桶，新式注盐功能，注盐更快更顺畅。
- ★自动刮毛器与粹毛收集器合为一体既节省安装位置又减少染液还减轻了人工刮毛所消耗时间。

- ★ The optional configuration for preparatory cylinder can improve the working efficiency.
- ★ The salt injection bucket and the function of new salt injection can make salt injection quicker and smoother.
- ★ The integration of automatic shaver and wool collector can decrease the area of installation, decrease dyeing liquor and reduce the time waste of artificial wool shaving.

◆TH-OH系列高温溢流染色机

TH-OH Series of High-Temperature Overflow Dyeing Machine

型号 Model	管数 Number of tubes	载量 Load(KG)	装机功率 Installed power(Kw)	行机功率 Operating Power (Kw)	外形尺寸(长×宽×高) Outer Dimension (length×width×height)
TH-OH-1	1	300	18	13	3500×5400×3200
TH-OH-2	2	600	27	19	4800×5400×3400
TH-OH-3	3	900	37	26	5900×5400×3400
TH-OH-4	4	1200	48	34	7100×5400×3400
TH-OH-6	6	1800	67	47	9500×5400×3400
TH-OH-8	8	2400	80	56	12500×5400×3400

◆TH-UH系列常温溢流染色机

TH-UH Series of Normal-Temperature Overflow Dyeing Machine

型号 Model	管数 Number of tubes	载量 Load(KG)	装机功率 Installed power(Kw)	行机功率 Operating Power (Kw)	外形尺寸(长×宽×高) Outer Dimension (length×width×height)
TH-UH-1	1	300	18	12	3500×5400×3200
TH-UH-2	2	600	27	18	4800×5400×3400
TH-UH-3	3	900	37	24	5900×5400×3400
TH-UH-4	4	1200	48	32	7100×5400×3400
TH-UH-6	6	1800	67	44	9500×5400×3400
TH-UH-8	8	2400	80	52	12500×5400×3400