

TH-OQ系列高温高压喷气液染机

TH-OQ SERIES High-Temperature and High-Pressure Jet Dyeing Machine



同华染整机械有限公司自主研发的TH系列型高温喷气液染机，在继承气流染色和喷射染色优点的同时，更加显现出节水、节蒸汽及节电优势。独立染液循环和气流循环系统，与提布辊构成了提高织物循环过程的匀染和抗皱性的条件，使得织物能够在较短的时间内完成匀染过程。该机染色“一次成功率”高，产品适用范围广。结合不同客户需求，自由切换气流雾化、气液、纯溢流三合一染色设备。

该机适用于棉、化纤及混纺梭织物或针织物的染色，也可用于织物的前处理和后处理。此外，该机还可用于涤纶的碱减量处理、Lycoell（天丝）碱溶离开纤处理以及针织物的松式预缩整理等。

适用织物克重范围：70~600g/m²。

TH series of high-temperature jet dyeing machine independently research & developed by Tonghua Dyeing and Finishing Machinery Co., Ltd not only inherits the advantages of airflow dyeing and jet dyeing, but also reveals the advantages of water saving, steam saving and electricity saving. The independent dyeing liquor circulation and airflow circulation system constitute the conditions to improve the even dyeing and wrinkle resistance during the fabric circulation process together with the cloth roller, so that the fabric can complete the even dyeing process in a shorter time. This machine has a high "one-time success rate" in dyeing and a wide application scope of products. Combined with different customer needs, it is a three-in-one dyeing equipment by freely switching airflow atomization, gas-liquid and pure overflow.

The machine is suitable for the dyeing of cotton, chemical fiber and blended woven fabric or knitted fabric, but also can be used for the pre-processing and post-processing of fabrics. In addition, the machine can be used for the alkali treatment of dacron, Lycoell alkali-dissolving and fiber-separation treatment and loose fabric preshrinking arrangement and so on.

Fabric weight range: 70 ~ 600g/m².

◆ 主要技术参数

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|----------------|-------------|-----------------|-----------|
| ★ 机器型式： | 卧式圆筒形 | ★ 浴比范围： | 1:2.5~1:4 |
| ★ 最高工作温度（℃）： | 130 | ★ 织物线速度（m/min）： | 50~500 |
| ★ 最高工作压力（MPa）： | 0.30 | ★ 使用蒸汽压力（MPa）： | 0.4~0.6 |
| ★ 管数： | 1、2、3、4、6、8 | | |

◆ Main technical parameters

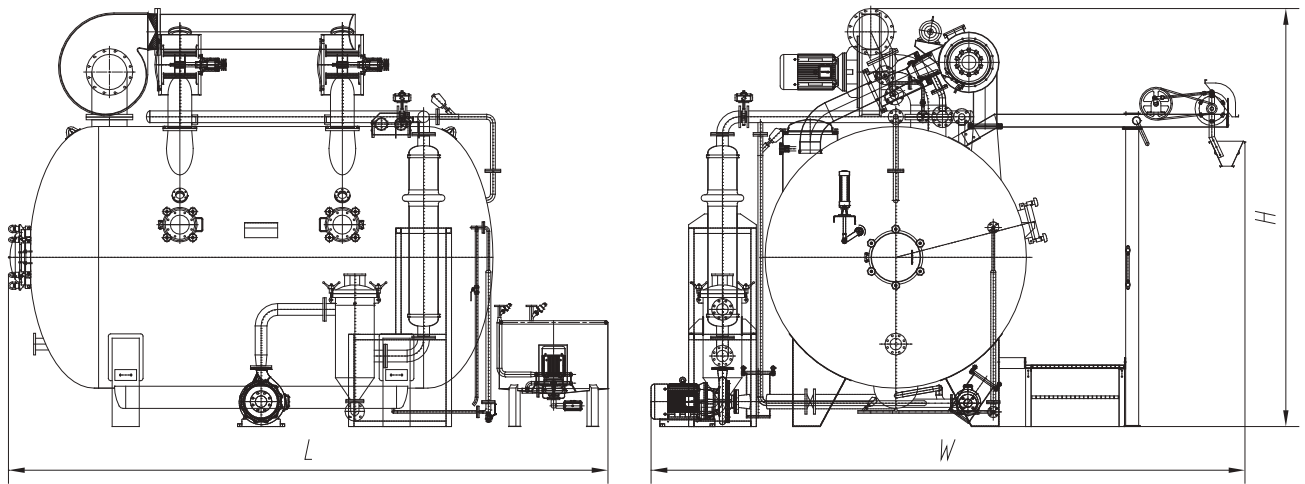
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|-------------------------------------|-----------------------------|---------------------------------|-------------|
| ★ Machine form: | horizontal cylindrical form | ★ Bath ratio range: | 1:2.5 ~ 1:4 |
| ★ Maximum working temperature (℃) : | 130 | ★ Fabric linear speed (m/min) : | 50 ~ 500 |
| ★ Maximum working pressure (MPa): | 0.30 | ★ Use steam pressure (MPa) : | 0.4 ~ 0.6 |
| ★ Number of tubes: | 1, 2, 3, 4, 6, 8 | | |

◆ 四大创新 Four major innovations

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| 1 顶置式风机，专利设计，节省场地
Top mounted fan,Patent design, saves space. | 2 比传统气染机更节能，适应面更广
More energy efficient than the traditional gas dyeing machines, more widely applicable. |
| 3 匀染率高，抗折皱性好，更适应于敏感色
High leveling rate,goodvreise resistance, more adapted to the sensitive color. | 4 风机恒功率控制，减少织物张力
Constant power control of fan to reduce fabric tension. |

◆ 机器主要规格 Main specifications of machine

专利号：ZL202320830542.3



型号 Model	管数 Number of tubes	最大容布量 Max.Capacity (kg)	外形尺寸 Dimension		
			L(mm)	W(mm)	H(mm)
TH-OQ-1	1	500	4000	5500	3900
TH-OQ-2	2	1000	5600		
TH-OQ-3	3	1500	7200		
TH-OQ-4	4	2000	9100		
TH-OQ-6	6	3000	12300		
TH-OQ-8	8	4000	15500		