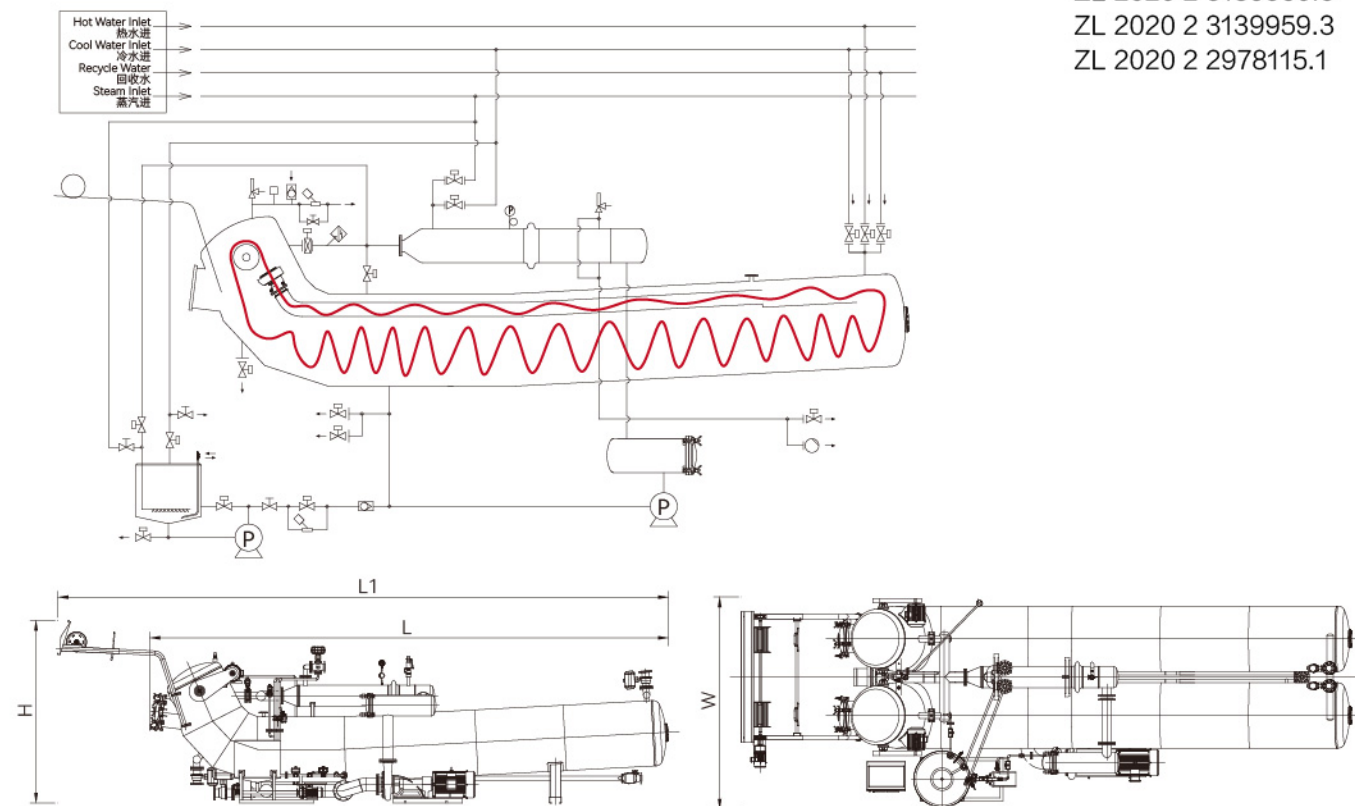




項目 ITEM	型號 MODEL	HL-1-300	HL-2-600	HL-4-1200
桶身數 Chamber No.		1	2	4
最高溫度 MAX Temperature		140℃	140℃	140℃
最高壓力 MAX Pressure (KG/cm ²)		4	4	4
容量 Capacity (KG)		300-400	600-800	1200-1600
主泵浦馬達 Main Pump Motor HP		30(22KW)	60(45KW)	100(75KW)
升溫速度 Heating Rate 20-130℃/min		20	20	20
降溫速度 Cooling Rate 130-80℃/min		15	15	15
布速 Fabric Speed (M/min)		150-500	150-500	150-500
外形尺寸 Required (mm)	長度 Length L	8100 / 8850 / 9600	8100 / 8850 / 9600	8100 / 8850 / 9600
	總長 Length L1	9600 / 10350 / 11100	9600 / 10350 / 11100	9600 / 10350 / 11100
	寬度 Width W	2200	3600	6500
	高度 Height H	3100	3100	3100

備註: 1.以上尺寸以標準規格而定 2.染色時行機功率為主要能消耗參考 3.本公司保有變更權利, 恕不另行通知
Note: 1. The above dimensions are based on standard specifications. 2. The power of the machine in operation is the main reference for energy consumption during dyeing. 3. Our company reserves the right to make changes without further notice.

江蘇博森機械制造有限公司

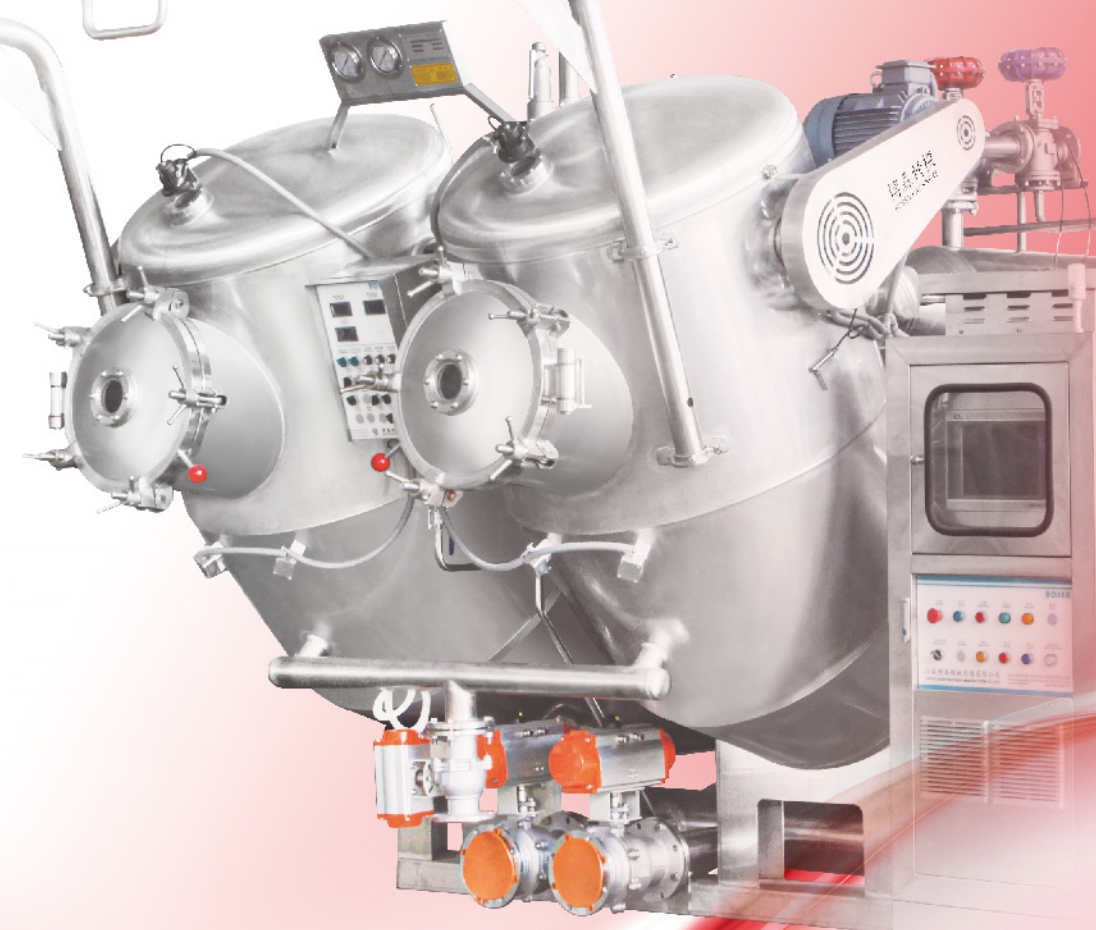
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HL系列 高温液流染色機

HL Series Jet Flow High Temperature Dyeing Machine



博森工業集團
BOSEN INDUSTRIAL GROUP



江蘇博森機械制造有限公司
JIANGSU BOSEN MACHINERY MANUFACTURING CO., LTD.

HL Series Jet Flow High Temperature Dyeing Machine

HL系列高温液流染色機

● 低浴比、高速、高效染色系統

液滿式導布管中織物處於漂浮狀態，不與內管壁摩擦，運轉速度達150-500m/min，減少起毛現象。特殊的“浪”型內網結構降低了織物的摩擦，運行更順暢且降低了用水量，浴比可低至1:6-8（按織物品種和工藝要求選擇）。

功能特點

● 低張力、大流量

采用的低壓大流量噴嘴降低了織物的運行張力，減少了毛羽及裂紗，提高了纖維的膨化及染色效果。

● 無折痕和卷邊

擴布裝置使織物在緩進過程中合適的擴張和在染液中不斷變化的形態，使布匹不易產生折痕和卷邊，達到舒展卷邊的效果，適合TRICOT染色。

● 簡易的操作方式

高智能化及高精度的電腦控制程序，可實現全自動DOSING加料控制，以及高效的入水、排水系統。同時可選購預備缸，回用熱能，降本節支。

● 精準的布速控制

高性能變頻無級調速，可在任意速度範圍調節，使織物速度與工藝時間匹配，避免了由于布速同步不匹配引起的布面瑕疵的現象。

Low Liquor Ratio, High-Speed, High-Efficiency Dyeing System

Fabric floats within the liquid-filled guide tube, eliminating friction against the inner wall. Operating speeds reach 150-500m/min, significantly reducing fuzz formation. The unique "wave-shaped" inner net structure minimizes fabric abrasion, ensuring smoother operation and reduced water consumption. Ultra-Low Liquor Ratio Achievable. Operational bath ratio as low as 1:6-8 (selectable according to fabric type and process requirements).

Functional Features

● Low Tension & High Flow

The specialized low-tension/high-flow nozzle system minimizes fabric running tension, effectively reducing pilling and yarn breakage while enhancing fabric bulkiness and dyeing uniformity.

● Crease & Curl Elimination

The fabric expander enables optimal cloth dilation during slow advance and continuous shape-shifting in the dye liquor, preventing fold marks and edge curls while achieving smooth uncurling—specifically engineered for Tricot dyeing applications.

● Simplified Operation

The high-intelligence, high-precision computer control program enables fully automated dosing control and efficient water intake/discharge systems. Optional preparatory vat with heat recovery technology further reduces operational costs.

● Precision Fabric Speed Control

High-performance variable-frequency stepless drive enables speed regulation at any speed range. Perfect synchronization of fabric velocity with process duration prevents surface defects caused by speed-time mismatch.