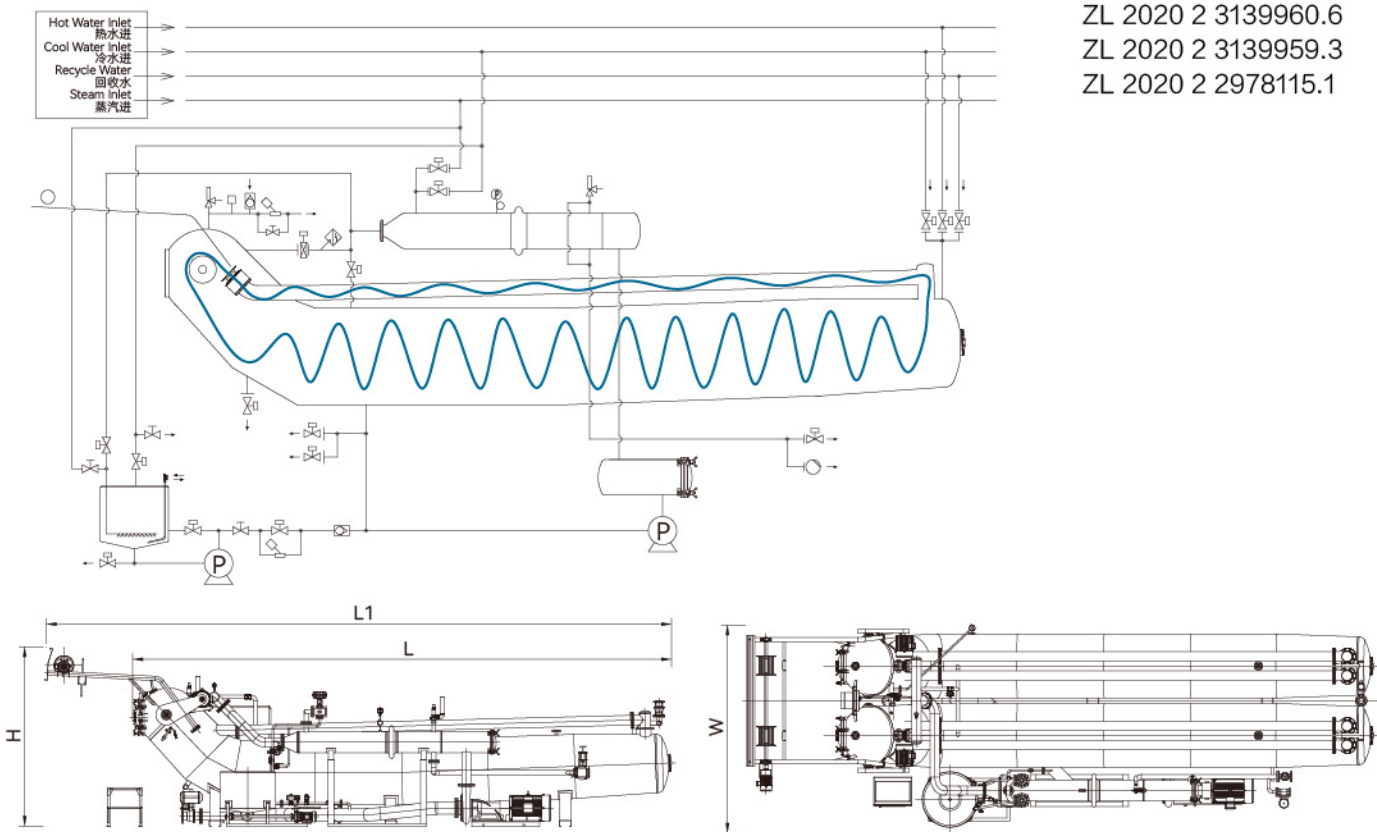




項目 ITEM	型號 MODEL	HOL-1-300	HOL-2-600	HOL-4-1200
桶身數 Chamber No.		1	2	4
最高溫度 MAX Temperature		140℃	140℃	140℃
最高壓力 MAX Pressure (KG/cm ²)		4	4	4
容量 Capacity (KG)		300-400	600-800	1200-1600
主泵浦馬達 Main Pump Motor HP		30(22KW)	60(45KW)	100(75KW)
升溫速度 Heating Rate 20-130℃/min		20	20	20
降溫速度 Cooling Rate 130-80℃/min		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	7800 / 8550 / 9300	7800 / 8550 / 9300	7800 / 8550 / 9300
	總長 Length L1	9300 / 10050 / 10800	9300 / 10050 / 10800	9300 / 10050 / 10800
	寬度 Width W	2200	3600	6500
	高度 Height H	3100	3100	3100

備注: 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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HOL系列 高温液流染色機

HOL 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.

HOL系列高温液流染色機

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 150-500 m/min, significantly reducing fuzz formation. The unique "wave-shaped" inner net structure minimizes fabric abrasion, ensuring smoother operation and reduced water consumption.

● 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。

功能特點

● 低浴比

低浴比1:5-1:6（按織物品種和工藝要求選擇），坡型浴槽，滿足高液量工藝浴比，N型布匹前行，無繩狀卷邊折痕，低張力狀態高速運行，增加均染性。

● 大容量

低噴壓，高液量循環，織物鬆弛堆疊前行，不起毛、不裂紗、不擦傷，適合布料克重50g/m-600g/m範圍各種高檔織物的染色。

● 低能耗

低能耗（比原來老一代產品機型節省水，電，蒸汽和助劑，降低成本30%左右），容量增加30%左右。

● 多元創新技術

新型的專利布槽，復式導布結構技術，機尾氣化整布功能，實現輕薄織物雙條快速循環運行，創新高效。

Functional Features

● Low Liquor Ratio

Low liquor ratio of 1:5 - 1:6 (selectable based on fabric type and process requirements). The sloped dyeing bath accommodates higher liquor volumes. Cloth moves in N shape without forming rope-like creases and edge curls. High-speed operation under low tension thus enhances level dyeing.

● High Capacity

Operates with low spray pressure and high liquor circulation. Fabric goes forward in relaxed stacked configuration, preventing pilling, yarn breakage, and friction damage. Suitable for dyeing premium fabrics across 50 g/m to 500 g/m weight ranges.

● Low Energy Consumption

Significantly reduced energy consumption (saves approximately 30% on water, electricity, steam, and chemical auxiliaries compared to previous-generation models), capacity can be increased by approximately 30%.

● Multi-Innovation Technology

Features a patented novel fabric trough and dual-path fabric guiding system. The tail section integrates steam setting functionality, enabling wrinkle-free high-speed processing of lightweight fabrics for innovative and efficient operation.