High Temperature Rinsing System(HTRS)

- Productivity Improved(Save Time)Utility Savings
- Improving quality and color fastness
- Dyeing accident prevention
- (Prevention of contamination)

Low Liquid Rinsing system (LLR)

- •Reduce the frequency cleaning
- •Reduction of Liquor quantity and time (Compared to the conventional 1/3)

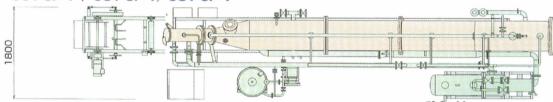
Streamlined system

- Configuration management system operating conditions
- Production Control system
- Automatic dyestuff and Auxiliaries measuring system Automatic • dyestuff and Auxiliaries infusion system
- Cloths transport sysytem
 Control system for pH

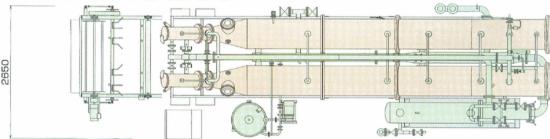
Dyestuff dissolving syster (HDE)

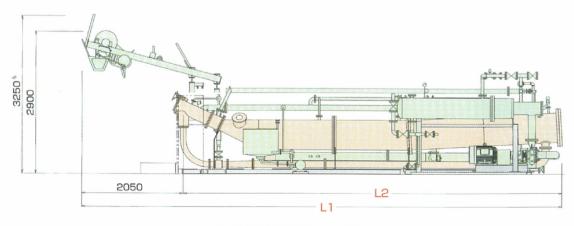
- No need of a dyestuff dissolved
- Eliminate the problem is insoluble dye
- In any dissolution, allowing injection
- •Simplifies the preparation of dye

CUT-SP-1S/CUT-SP-1/CUT-SP-1L



CUT-SP-2S/CUT-SP-2/CUT-SP-2L

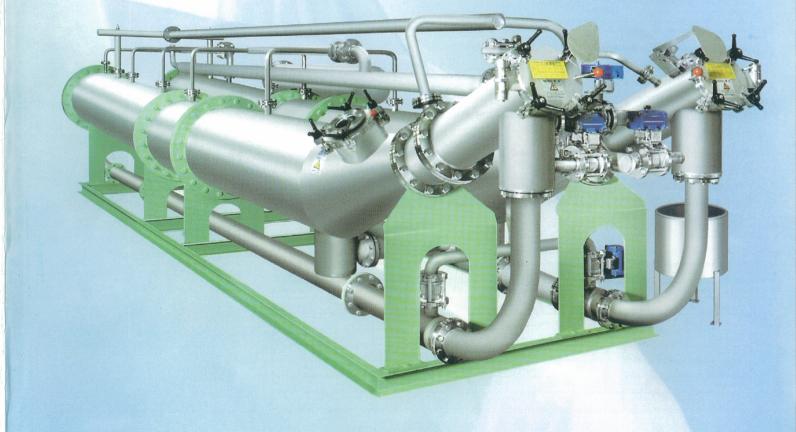




型式	L1 (mm)	L2 (mm)	
CUT-SP-1s/2s	8650	6600	
CUT-SP-1/2	9650	7600	
CUT-SP-1L/2L	11150	9100	

HISAKA WORKS.,LTD Vital industrydiv. Dyeing & Finishing Machinery Dept

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Special CIRCULAR Model SP

In The High Fashion Field and Sports innner field, Quality and Producitivity which are not until now are offered!!

- Vastly improved for Dyeing affinity and quality against delicate material
- Eliminate existing Jet Dyeing Machine defect such as Crease(SIWA), Yarn shift(MEYORE) and Scuffing Mark(SURE/ATARI).
 Being Model CUT-SP for Jigger and Beam Dyeing Machine Products.

High-Integrity

- ●Improved defect such as Crease (Shiwa), Yarn Shift (Meyore)and Scuffing Mark (Sure/Atari) specially for Synthetic thin Woven (15-30d).
- ex) Nylon Filament Thin Woven (15-30d) etc.
- ex) Nylon Textured Yarn Woven (15-50d) etc.
- ex) Polyester Filament Thin Woven (20-30d) etc
- ●Improved defect such as Crease (Shiwa) and Scuffing Mark (Sure/Atari) for Synthetic Elasticated Woven/Knit.
- ex) Nylon/Polyurethan Woven-Knit etc
- ex) Polyester/Polyurethan Woven-Knit etc
- ex) CDP/Polyurethan Woven-Knit etc.

Productivity

●Level Dyeing improves by high-speed running and process time shortening is possible.

Improvement in the speed 10 - 20% can be attained conventionally, and time shortening of Heating and Rinsing, etc. is possible

• Reduce Processing Loss by reduction of process failures and re-processing.

Reduce defected products and re-process from integrity trouble, increase production efficiency and useless processing cost will be eliminated..

■CUT-SP type Jet Dyeing Machine Spesification Table

	仕様	SP-1 ^{sss}	SP-1 ^{ss}	SP-1 ^s	SP-1	SP-1 ^L	SP-2	SP-2 ^L	
Capacity	kg	30~40	40~70	70~100	90~120	120~150	180~240	240~300	
Liguor	Lit	300~400	400~700	550~1000	700~1000	900~1200	1400~2000	1800~2400	
Dyeing tank		Max.W.Pressure $0.490~\mathrm{MPa}$ Max.Temperature $140~\mathrm{^{\circ}C}$						$^{\circ}\mathbb{C}$	
Power	kw	7.5kw	11kw	15kw	15kw	15kw	30kw	30kw	
50°C→130°C		20min(Steam Pressure 0.59MPa)							
130°C→90°C _		15min(Cooling Water 20°C 0.12∼0.25MPa)							
Steam	kg	56kg	88kg	124kg	136kg	168kg	272kg	. 336kg	
Cooling water	m³	$0.56\mathrm{m}^3$	0.88 m³	1.24 m³	1.36 m³	1.68 m³	2.72 m³	3.36 m³	

■ EX.Application Data(Model:CUT-SP-1)

Kind of Fabric	Weignt of Fabrics	Capacity	Liguor	m	kg
Nylon Filament Thin Woven(20d)	58	2.9	12	300 × 2	34.8
Nylon Filament Thin Woven(30d)	76	3.8	16	400 × 2	60.8
Nylon Texturized yarn Woven(12d)	22	1.1	10	500 × 1	11
Nylon/Pu Tricot	220	11	10	500 × 1	110
Nylon/Pu Woven	240	12	8	400 × 1	96
Polyester/Pu Woven	190	9.5	10	500 × 1	95
Ployester Filament Thin Woven(20d)	66	3.3	12	300 × 2	39.6

Feature

1. Non-Reel Effect

By optimizing a running fabrics and the injection angle of a nozzle, useless tension is mitigated and damage is not given to products Theredfore, defect such as Crease(SIWA) paticular happen on Reel type is improved

2. Special Inner Tank Structure

HISAKA designed original special inner tank realizes stable running and uniform accumulation, then ultimate quality is realized

