

SS241A HIGH-TEMPERATURE YARN DYEING MACHINE



- ◇ All the parts touching with dyeing liquor are wholly made of corrosion resistance super quality stainless steel/SS316L.
- ◇ Internal heat exchanger, heating coil is set at the bottom of vessel to reduce heat loss and raise thermal efficiency.
- ◇ Reasonable and safety performance: This machine adopts self-enclosed hatch seal, the unlock structure is hand operated with safety linkage device, the uncap structure adopts balance weight mode or air-operated mode with balance weight.
- ◇ With newest designed balanced mixed flow pump of high efficiency and high cavitation resistance. The pump is directly connected to the bottom of the vessel. The forward and backward circulation of dyeing liquor is completed automatically via the reversing system inside the pump. This can reduce the function consumption and raise dyeing efficiency so as to dye the yarn of various fibers.
- ◇ Liquor level is controlled by high precision differential pressure sensor. The controller will display temperature curve, procedure and output, etc.
- ◇ The motor for main pump adopts frequency conversion control, the flow can be adjusted randomly and this can reduce the consumption of starting and unloading. Semi-automatic or full automatic is available as per customer's requirements.

Main Technical Data:

- ◇ Design pressure, 0.44MPa
- ◇ Max working pressure, 0.4MPa
- ◇ Design temperature, 160°C
- ◇ Max working temperature, 140°C
- ◇ Heating rate, 20~130°C, about 30 minutes (saturated steam pressure: 0.7MPa)
- ◇ Cooling rate, 130~80°C, about 20 minutes (cooling water pressure: 0.3MPa)
- ◇ Liquor Ratio, 1:6-8

Specification

Model	No. of Spindles	No. of Packages per Spindle	Capacity(Kg)	Main Pump Power(KW)
SS241A-21	1	3	3	1.5
SS241A-25	1	6	6	2.2
SS241A-40	3	4	12	4
SS241A-45	4	6	24	5.5
SS241A-50	5	7	35	5.5
SS241A-55	6	9	54	7.5
SS241A-65	8	9	72	11
SS241A-75	12	9	108	15
SS241A-85	18	9	162	18.5
SS241A-100	22	10	220	22
SS241A-110	30	10	300	30
SS241A-120	36	10	360	37
SS241A-145	54	10	540	55
SS241A-170	72	12	864	75
SS241A-186	90	12	1080	90
SS241A-200	108	12	1296	110

Specification subject to change without further notice

能源最少消耗量 *Energy-saving*

水最少消耗量 *Eco-friendly*

最少的人力 *Labor-saving*



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地址：无锡市惠山区前洲镇友联工业区

电话/Tel: 0086-510-83452152

传真/Fax: 0086-510-83450450

手机: 0086-139 6872 6171

Add: Youlian industrial Zone, Qianzhou Town,

Huishan district, Wuxi, Jiangsu, China.

M: 0086-139 6872 6171

E-mail: info@sunsky-machine.com

Http: //www.sunsky-machine.com

无锡市星恺机械制造有限公司
WUXI SUNSKY MACHINERY CO., LTD

SS241B SERIES HTHP YARN DYEING MACHINE



SS241B High-temperature high pressure HTHP Vertical Yarn Dyeing Machine is suitable for dyeing processing cotton , polyester , acrylic , nylon, sheep ,wool, T/C, acrylic /cotton blends ,polyester, wool blends, hemp and cotton blends or any kind of blended yarn. (all parts in touch with the liquor adopts superior quality material SS316L which meets the need of pressure vessel standards. The maximum working temperature is 140°C and max working pressure is 4.5kg/cm²)

Technical Data

- ◇ Liquor ratio: 1:5~6
- ◇ Design temperature: 160°C
- ◇ Maximum working temperature: 140°C
- ◇ Design pressure: 0.5Mpa
- ◇ Max working pressure: 0.45Mpa
- ◇ Heating rate: 20°C~130°C in about 30minutes (steam pressure 0.7Mpa)
- ◇ Cooling rate: 130°C~80°C in about 20 minutes (cooling water pressure 0.3Mpa)

Specification

Model	Capacity			Lifting Height H mm
	No. of Spindles	No. of Packages Per Spindle	Capacity(kg)	
SS241B-1-8	1	1-8	1-8	
SS241B-10	4	3	12	2810
SS241B-15	4	4	16	3148
SS241B-25	6	5	30	3590
SS241B-50	9	6	54	4275
SS241B-100	19	6	114	4290
SS241B-150	19	8	152	4980
SS241B-200	30	9	270	5875
SS241B-300	36	9	324	5950
SS241B-350	46	9	414	6110
SS241B-350H	46	11	506	6715
SS241B-550	69	9	621	6160
SS241B-550H	69	12	828	7098
SS241B-1200	108	9	972	6710
SS241B-1200H	108	12	1296	7790
SS241B-2000	108	16	1728	9325
SS241B-2500	204	11	2244	9910
SS241B-2250	132	14	1848	8575
	132	15	1980	8850
	132	16	2112	9130
	132	187	2244	9530
	132	18	2376	9875
	132	19	2508	10168
	132+126	10(double)	2580	9180
	132+122	12(double)	3048	10285

Specification subject to change without further notice

SS241B HTHP YARN SAMPLE DYEING MACHINE



Main Features

- ◇ It features the same mode and performance as the technical requirement of the large volume dyeing machine.
- ◇ Circulation pump to effect fast circulation and penetration.
- ◇ The volume of the air cushion technology can be adjusted without changing liquor ratio. The variable volume range is within 1-3 piece of yarn or 4-6 piece of yarn.
- ◇ Platform designed as desktop.
- ◇ Manual, semi-automatic or full automatic are available as per customer's requirements.

Main Technical Specifications

Model	Bare (pieces)	Bobbin (pieces per bare)	Load (kg)	Power of main pump (kg)	Dimension(mm)		
					H	L	W
SS241B-1	1	1	1	1.5	900	600	1200
SS241B-2	1	2	2	1.5	900	600	1200
SS241B-3	1	3	3	1.5	1100	600	1200
SS241B-4	1	4	4	3	1280	700	1300
SS241B-5	1	5	5	3	1450	700	1300
SS241B-6	1	6	6	3	1660	700	1300

JF-2000 INVERTER CONTROL AUTOMATION HYDRO EXTRACTOR

- This machine is used for dewatering various kinds of knitting fabrics, woven fabric, hanks and garments, etc.
- Both inner and outer baskets are made of high quality stainless steel for long service time.
- Super-silent and super-balanced running for excellent working environment, in particular the driving motor is put in the center of the machine, which eliminates noise and vibrations effectively even at very high speed.
- Advanced inverter control system for varied revolving speed as per customer's requirement for high efficiency and low energy consumption.
- Pneumatic lid device for safe operation.
- Optional parts:
Separate stainless steel loading and unloading device for fabrics, which enables operation more convenient and in the meanwhile avoids damage and pollution to the fabric.



Technical data

Model	Diameter of Basket	Height of Basket	Basket Contens	Capacity		Motor Power	Speed Rpm	Dimensions(mm)
				Dry	Wet			
JF-800	800 mm	500 mm	250 ltr	50 kgs	150 kgs	2.2	750-960	1450 X 1150 X 80
JF-1200	1200 mm	600 mm	650 ltr	110 kgs	350 kgs	5.5	750-960	1800 X 600 X 220
JF-1500	1500 mm	600 mm	1000 ltr	200 kgs	600 kgs	10	750-960	2150 X 800 X 300
JF-H1500	1500 mm	700 mm	1200 ltr	220 kgs	650 kgs	10	750-960	2150 X 800 X 400
JF-1800	1800 mm	800 mm	1900 ltr	320 kgs	1000 kgs	15	600-750	2550 X 200 X 730
JF-H1800	1800 mm	1000 mm	2350 ltr	400 kgs	1200 kgs	18.5	600-750	2900 X 400 X 650
JF-2000	2000 mm	800 mm	2400 ltr	400 kgs	1200 kgs	18.5	600	2900 X 400 X 650
JF-H2000	2000 mm	1000 mm	3000 ltr	450 kgs	1350 kgs	22	600	2900 X 400 X 850

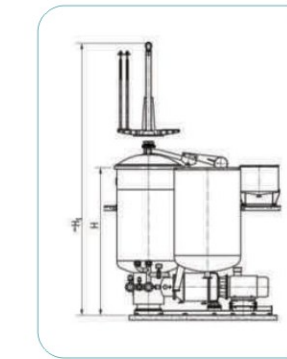
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SS241N SERIES HTHP YARN DYEING MACHINE

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Technical date

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- ◇ Design temperature: 160°C
- ◇ Maximum working temperature: 140°C
- ◇ Design pressure: 0.5 Mpa
- ◇ Max working pressure: 0.45 Mpa
- ◇ Heating rate: 20°C ~130°C in about 30 minutes(steam pressure 0.7 Mpa)
- ◇ Cooling rate: 130°C~80°C in about 20 minutes (cooling water pressure 0.3 Mpa)



Specification

Model	Capacity(kg)			Lifting Height H (mm)
	No. of Spindles	No. of Packages Per Spindle	Capacity(kg)	
SS241N-21	1	1-8	1-8	
SS241N-42	4	10	40	4860
SS241N-50	5	10	50	1980
SS241N-55	6	10	60	5025
SS241N-70	9	12	108	5872
SS241N-75	12	12	144	5895
SS241N-90	19	12	228	6100
SS241N-95	20	12	240	6156
SS241N-110	30	12	360	6490
SS241N-115	32	12	384	6635
SS241N-120	36	12	432	6670
SS241N-130	41	12	492	6715
SS241N-140	46	12	552	6818
SS241N-152	57	12	684	7020
SS241N-170	69	12	828	7100
SS241N-187	91	12	1092	7219
SS241N-200	108	12	1296	7140
SS241N-225	132	16	2112	8746

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