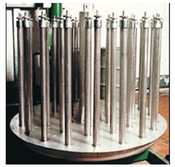
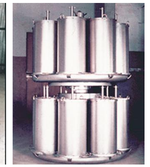
1.纱架 Carrier





1.Can carrier for hank yarn, muffs or loose fibers. 2.Basket carriers for loose fibers. 3.Carrier for beams and tapes. 4.Hank Yarn Carrier. 5.Cone / Tube / Spindle.

1. 适用于染色弹簧，塑料纱管，不锈钢纱管的纱架； 2. 绞纱，散纤笼式纱架； 3. 经轴，织带纱架； 4. 绞纱架； 5. 大卷装筒子纱架。

1.1底碟 Bottom Disc

Guiding sleeve
纱竹导套

Forced Pressure is distributed equally over the package
纱竹导套

1.Fits perfectly with the spindle.
2.Stops leakage between bottom disc and spindle.
3.With guiding sleeve, bottom disc is always at right angle with the spindle.
4.When pressing, pressure is distributed over the package in radial direction.
5.Density of package is more even. 6.Improved dyeing quali

1.与纱竹完美配合；2.减少底碟与纱竹间的漏液；
3.纱竹导套保证底碟与纱竹的垂直；4.施加压力时，压力被均匀分散到四周；
5.筒纱密度更均匀；6.提升染色质量。

1.2防漏型顶锁 Leak Proof Fastener

1.Stops leakage between top disc and fastener.
2.Increase more effective circulation.
3.Increase efficiency of main pump, reduces power consumption.
4.Improves package quality.

1. 顶锁与顶碟间没有漏液；
2. 增加染液循环效率；
3. 增加主泵功效，减少电能损耗；
4. 提升染色质量。

Relaxed fastener
松式顶碟

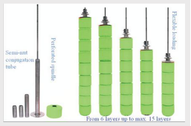
Seals comes out when compressed to stop leaking from spindle
自锁式顶锁及顶碟

Fastener and top disc
自锁式顶锁及顶碟

1.3可变载量的纱竹设计 Variable Loading Capacity

1.Perforated Spindle tube is sectional type design
2.Remove upper to reduce loading of cones, no dummy cone is required.
3.Flexible loading from 6-15layers.

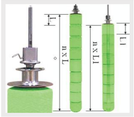
1. 纱竹套管的设计为载量可变的分段式设计
2. 去除任意套管可减少相应的筒纱，而无需使用假筒纱
3. 载量可从6至15层任意安排。



1.4自锁式快速顶锁 Follow Down Fastener

1.Top and bottom plates are pressed against the package, the density at the edges are same as the column itself.
2.Outside-in flow: packages are pressed further by total system pressure.
3.When package shrinks, follow down fastener travels down
4.Inside-out flow: packages tends to expand upward, pushing against the fastener.
5.Follow down fastener cannot go up.
6.Result:total flow without leakage.

1. 底碟和顶碟沿着筒子压紧，不泄露染液；
2. 外流时，筒子纱被系统施加压力防止漏液；
3. 筒子纱缩水时，自落顶锁自动下落压紧；
4. 内流时，顶锁压住筒纱，保证染液不泄露；
5. 自落顶锁只能单向压紧而不会松开；
6. 结果：整个染色过程没有染液泄露，匀染得以保证。

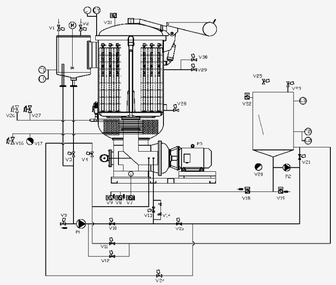


L=Package height before dyeing(compression may be required during loading)
L1=Package height after dyeing(shrinkage appear)
n=Number of packages per spindle

L= 染色前筒子高度（载纱时有时需要压紧）
L1= 染色后筒子高度（缩水）
n= 每支纱杆的载纱量

CONFAB is suitable for processing of Natural, Synthetic Fiber and their blends in from of yarn and fiber.
Compact design of 180°flat flow reversal device combined with intergrated heat exchanger and Centrifugal pump, Achieves low liquor Ratio to 1:3-6
CONFAB can fulfill yarn dyeing in Package, Hank, Loose Fiber, Zipper, Beam, Cake form etc. When change different yarn Carrier.

CONFAB是高效节能的筒子纱染色机，180°平板式换向装置，内置高效的盘管式换热器，整体式连接高效离心泵。最小浴比可达至1:3。
CONFAB适用于涤纶、棉、麻、羊毛、腈纶以及混纺纤维筒子纱染色以及前后处理；更换不同的纱笼，也可进行绞纱，散纤，拉链，经轴，以及纱饼染色以及前后处理。



TECHNICAL DATA

Model:CONFAB
Liquor Ratio: 1:3-6
Designed Temp: 140℃
Designed Pressure: 4.5Mbar
Working Pressure: 4bar
Heating Rate: 25℃-130℃, average5℃/min
Cooling Rate: 130℃-80℃, average2.5℃/min

技术参数

机型：CONFAB
浴比：1:3-6
设计温度：140℃
设计压力：4.5Mbar
最高工作压力：4bar
加热率：25℃-130℃，
约35分钟（饱和蒸汽压力为7bar）
冷却率：130℃-80℃，
约25分钟（冷却水压力为3bar）

MODEL 机型	NO.OF LAYERS 纱层数	NO.OF SPINDLE 纱竹数量	CAPACITY (KG) 载量	TOTAL POWER(KW) 总功率	DIMENSIONS(MM) 外形尺寸					
					W 宽	D 深	H 高		H1 起吊高度	
							AIR PAD 气垫式	FULLY FLOODED 全充满	AIR PAD 气垫式	FULLY FLOODED 全充满
CONFAB-43	5	4	20	8.5	1730	1950	2178	2028	3415	3265
	6		24	8.5	1730	1950	2340	2190	3739	3589
	7		28	8.5	1730	1950	2502	2352	4063	3913
	8		32	8.5	1730	1950	2664	2514	4387	4237
	10		40	10.5	1730	1950	2988	3162	5035	4885
	12		48	10.5	1730	1950	3312	3162	5683	5533
CONFAB-50	7	5	35	10.5	1780	2048	2622	2422	4233	4033
	8		40	10.5	1780	2048	2748	2584	4557	4357
	9		45	10.5	1780	2048	2946	2746	4881	4681
	10		50	10.5	1780	2048	3108	2908	5205	5005
	12		60	14	1780	2048	3432	3232	5853	5653
CONFAB-55	9	6	54	10.5	1780	2113	2988	2786	4921	4721
	10		60	14	1780	2113	3148	2948	5245	5045
	11		66	14.7	1780	2113	3310	3110	5569	4369
	12		72	14.7	1780	2113	3472	3282	5893	5693
CONFAB-70	9	9	81	19.5	2080	2563	3178	2978	5129	4929
	10		90	19.5	2080	2563	3340	3140	5453	5253
	11		99	19.5	2080	2563	3502	3302	5777	5577
	12		108	23	2080	2563	3664	3464	6101	5909
CONFAB-75	9	12	108	23	2230	2563	3196	2996	5147	4947
	10		120	23	2230	2563	3358	3158	5471	5271
	11		132	23	2230	2563	3520	3320	5795	5595
	12		144	23	2230	2563	3862	3482	6119	5919
CONFAB-90	6	19	114	23	2560	2710	2748	2548	4233	4033
	7		133	23	2560	2710	2910	2710	4557	4537
	8		152	23	2560	2710	3072	2872	4881	4681
	9		171	28.2	2560	2583	3379	3179	5350	5150
	10		190	28.2	2560	2583	3541	3341	5674	5474
	11		209	28.2	2560	2583	3703	3503	5998	5798
	12		228	28.2	2560	2583	3865	3665	6322	6122
CONFAB-110	9	30	270	37.7	2830	3098	4763	3563	5859	5659
	10		300	37.7	2830	3098	3925	3725	6183	5983
	11		330	44.7	2830	3098	4087	3887	6507	6307
	12		360	44.7	2830	3098	4249	4049	6831	6631
CONFAB-120	10	36	360	53.5	3200	3340	3937	3737	6195	5995
	11		396	53.5	3200	3340	4099	3899	6519	6319
	12		432	53.5	3200	3340	4261	4061	6843	6643
CONFAB-140	10	45	450	63.5	3690	3465	4058	3858	6316	6116
	11		495	63.5	3690	3465	4220	4020	6640	6440
	12		540	63.5	3690	3705	4382	4182	6964	6764
	13		584	85.5	3690	3705	4544	4344	7288	7088
CONFAB-152	10	57	570	86.5	4050	3885	4248	4048	6506	6306
	11		627	86.5	4050	3885	4410	4210	6830	6630
	12		684	86.5	4050	3885	4572	4372	7154	6954
	13		741	105	4050	3885	4734	4534	7478	7278
	14		798	105	4050	3885	4896	4696	7802	7602
	15		855	105	4050	4495	5128	4925	8196	7996
	16		912	105	4050	4495	5290	5090	8520	8320
CONFAB-170	10	68	680	105	4200	4585	4362	4162	6620	6420
	12		816	105	4200	4585	4686	4486	7268	7068
	14		952	125	4200	4585	5010	4810	7916	7716
	15		1020	125	4200	4585	5172	4972	8240	8040
	16		1088	125	4200	4760	4685	4485	7915	7715
CONFAB-186	10	87	870	125	4450	4845	4418	4218	6676	6476
	12		1044	125	4450	4845	4742	4542	7324	7124
	13		1131	125	4450	4845	4904	4704	7648	7448
	14		1218	147	4450	4845	5066	4886	7972	7772
	15		1305	147	4450	4895	5308	5108	8401	8201
	16		1392	147	4450	4895	5470	5270	8725	8525
CONFAB-200	10	108	1080	147	4570	4963	4670	4470	6953	6753
	12		1296	147	4570	4963	4994	4794	7601	7401
	13		1404	165	4570	4963	5156	4956	7925	7725
	14		1512	169	4570	4963	5318	5118	8249	8049
	15		1620	179	4570	4988	5580	5380	8673	8473
	16		1728	179	4570	4988	5742	5542	8997	8797
CONFAB-225	10	130	1300	179	4980	5683	4791	4459	7074	6897
	12		1560	179	4980	5683	5115	4915	7722	7522
	14		1820	221	4980	5683	5439	5239	8370	8170
	15		1950	221	4980	5683	5601	5401	8694	8494
	16		2080	221	4980	5683	5763	5563	9018	8818
	18		2340	221	4980	5683	6087	5725	9666	9466

TEXLINK ENGINEERING CO., LTD.
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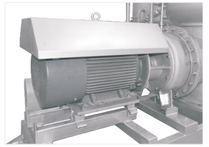
E-mail:sales@texlinkmachine.com

DISTRIBUTOR.
经销商

TEXLINK

1.主泵 Main Pump

1.Advantage of Main Pump:High flow rate & Space saving & Energy saving & No pipe work.
2.Proportional pump size matching machine capacity.
3.Fits for high density package 0.45-0.50 Kg/L.
1. 主泵的优点：大流量 & 节省空间 & 节约资源 & 无管道连接；
2. 比例泵的尺寸与机器容量相匹配；
3. 适合于高密度筒子砂0.45-0.50公斤/升。



2.变频器控制 Frequency Inverter Controlled Pump

1.Soft start of the main pump.
2.Provide reduction of flow by lowering the speed of main pump, and thus save the electrical energy.
3.Less foam formation.
1. 实现主泵软启动
2. 通过降低主泵的转速减少流动，从而节省了电能
3. 减少泡沫形成

3.入水排水 Filling & Draining

1.Double Programmed Filling and Draining design
2.Reasonable arrangement for easy pipe connection
1. 双入双排程序控制
2. 合理简单管道布置和连接

TEXLINK

4.换向装置 Flow Reversal Device

1.Pneumatic Cylinder Drive, precision position control
2.Inside-out and Outside-in flow were controlled by precision flow guide plate
1. 180°风动执行器，换向精准
2. 内外流由板式侧流器控制，减少漏液的可能

5.水位控制 Level Control

1.Precision Pressure differential transmitter control
2.Accurate up to 1mm
1. 精确压差传感器水位控制
2. 精确度达1MM

CONFAB

TEXLINK

6.定量注料 Programmed DOSING system

1.Independent Dosing valve
2.Many dosing curves are available according to process
1. 独立注料活塞阀
2. 多种注料曲线可选

TEXLINK

副缸数量及功能 DOSING TANK

多功能预备缸，不仅根据工艺要求存储下一步骤所需的用水，而且作为第二副料桶，其功能与第一料桶完全一样。

Multifunction Hot Water Tank - Not only for water storage but also perform as 2nd dosing tank, which functioning same as 1st dosing tank.

安全装置 SAFETY DEVICES

- 开盖重锤 + 风动开盖装置
- 压力释放安全阀
- 超温翻放阀
- 手动排压阀
- 标准安全阀

- Counter weight + pneumatic Lid Open Devices
- Safety Pressure Release Valve
- Manual interlock vent value
- Safety valve
- Pressure and temperature interlock

染机设计 DESIGN

复杂问题简单解决，TEXLINK在解决匀染和节能减排方向不断研发
TEXLINK design to Reduce Water, Electricity, Steam consumption for proper dyeing solution.
Continously contribute "VALUE CREATED" service and products for textiles industry.

SEDO TREEPOINT | SETEX Schermuly textile computer GmbH

染机人机界面控制器 CONTROLLER

与德国SEDO TREE POINT公司为长期伙伴，合作经验丰富。亦可搭配其他控制器 如SETEX
Standard with Sedo Tree Point controller, also Setex is available for optional.

染色控制 DYEING CONTROL

染程洗水即时监控最佳化，由感应器监测缸内液体浪长确定是否已清洗干净
optical turbidity sensing system for rinsing contro.

波浪染色 WAVE DYEING

一键式波浪染色操作，简单切换染色模式。
One Touch Wave Dyeing Apply, Easy Way To Change Dyeing Mode.

染色再现性 ONE TIME RIGHT DYEING

全自动染色控制外加精准水位，温度控制，极其优化的整机设计，保证染色一次中色率高，染色再现性高
High Performance machine combined with accuracy sensing to level and temp. both OTRD and Repeat Dyeing ratio are on higher side.

TEXLINK

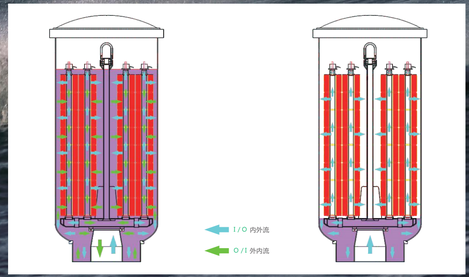
Wave Dye Technology
波浪染色技术

Owing to the reversal function on traditional yarn dyeing machines, the packages could be expanded and contracted by pressure changes during switch of flow, hence increasing the effectiveness and evenness in dyeing.

Since the single flow concept has no switchable feature, the pump should vary its speed togenerate pressure difference according to specific principles. By executing a specific periodof change in pump frequency, smashing the packages like waves such that it could moveunder differentiating pressure would lead to perfect utilization the advantage of dual flowconcept, in a much lower demand of electricity.

传统筒子纱染色机内外流换向时液流压力变化使筒纱收缩和涨开，提高上染效率以及匀染率。

波浪染色时，只使用单向由内到外液流(I/O),因此可以极大降低浴比。而通过改变主泵频率，液流压力和流量形成波浪使筒纱获得诸如液流换向时的处染效果。因此波浪染色技术不仅将浴比降低到 1:3，而且主泵长时间低频运行，可节省 60-70%电能。

Traditional Dual Flow dyeing.
Level of dyeing is approaching to the top of cones.
传统内外流染色，液位需完全覆盖筒纱

I/O Single Flow dyeing. Level is kept as lower as pump is running.
单向由内而外染色，液位可维持在低水位运行