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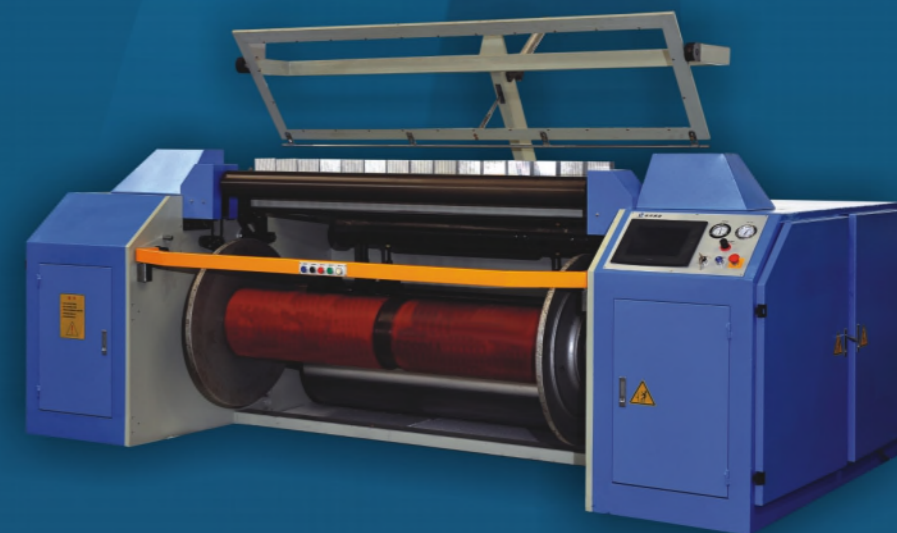
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HFGA128智能型分批整经机
HFGA128 Intelligent Direct Warping Machine

精工制造 品质无懈可击



HFGA128 智能型分批整经机

随着染整技术的不断提高,免烫技术过关,棉类织物、休闲服装大流行,华方科技针对国内纺织形势,成功开发出目前国内高档次的HFGA128智能型分批整经机,与国内外知名品牌的浆纱机相配套。

HFGA128 Intelligent Direct Warping Machine

With the continuous improvement of dyeing & finishing technology as well as wash and wear technology, cotton fabric and fallow garment from a trend of fashion, on this basis, our company successfully developed the HFGA128 Intelligent Direct Warping Machine, which is the first of its kind in China, as a support facility for name brand sizing machines both at home and abroad.

主要技术特征

- 卷取方式采用经轴直接传动。
- 日本三菱可编程控制器全电脑控制，变频调速确保线速度恒定。
- 10.4英寸触摸显示器，操作便捷、直观、信息量大，并全方位故障诊断显示。
- 压辊进退由气缸控制，压力可调可获得所要求的密度。制动时压辊迅速反跳，防止磨损纱线。
- 采用一套完整的集成气动系统自动上下轴、拍开拍合，可与各种型式经轴相连接。
- 经轴采用钳式制动器，压辊和导纱辊采用电磁制动器。制动平稳，制动距离短。

Main Characteristics

- Warp winding is of direct warp beam driven, ensure warp winding under constant tension.
- Fully computerized control by Mitsubishi PLC and frequency speed control ensure constant surface speed.
- 10.4-inch touch screen, easy operation, direct and informative, comprehensive trouble shooting and analyze.
- Pneumatic controlled press roll ensure the desired winding density. Pressure adjustable. Press roll bounce quickly upon braking to avoid friction between roll and yarn.
- Complete integrated pneumatic system for automatic loading and doffing, versatile application for all types of beams.
- Car-used disc brake system specified for braking of warp beam to ensure reliable brake in short time. Electromagnetic brake for press roll and guide bar ensure steady and short brake distance

主要技术特征

- 整经速度、长度、卷绕厚度、气压由日本KoYo等各种精密传感器测量。
- 伸缩筘自动左右摆动，摆动速度与经轴转速的比值可根据工艺需要设定。伸缩筘自动上下运动，以防筘定点磨损。伸缩筘齿密度由电机调整，间歇式吹风装置保持筘齿清洁。
- 气动控制的挡风板，可随车头的开停而自动升降。
- 配有安全栏杆及远红外线光栅，确保操作者的绝对人身安全。
- 筒子架型式，锭数和锭距可根据用户需求选购。
- 多种形式的张力器可供用户选配。
- 断头自停器采用红外线光电式，自停灵敏可靠。

Main Characteristics

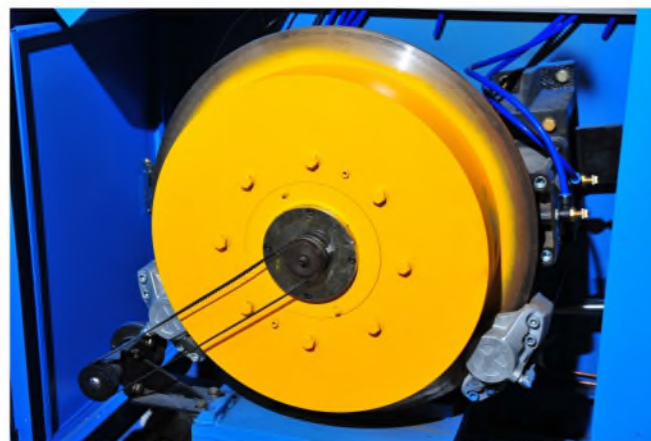
- Varieties KOYO precise sensors available for monitoring of warping speed and length, winding thickness as well as air pressure.
- Expansion reed move left and right, up and down automatically. The ratio of its traversing speed to the warping speed can be initialized according to different processing demands. It vertical motion avoids friction of reed. Reed gap adjusted by motor, powerful intermittent blower keep reed clean.
- Pneumatic controlled windshield move up automatically along with the operation of headstock.
- Safety guard rail and infrared raster guarantee safety of operation.
- Several types of creels and tensioners available for option.
- Cone ends and cone pitch to order.
- Broken end stop motion device is of infrared ray type, sensitive and reliable.



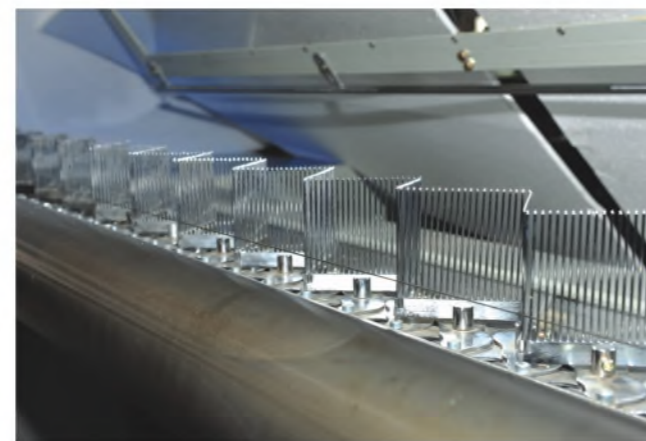
电器控制系统
Electric Control System



主控操作面板
Main Operation Touch Screen



制动结构
Brake Mechanism



伸缩筘
Expansion Reed

主要技术参数 Main Technic data

幅宽 width	1400-2800mm(选配)	1400-2800mm(optional)
经轴盘片直径 Dia.of beam	800、1000mm	800、1000mm
制动距离 Braking distance	≤2m(500m/min)	
筘横动速度 Reed traversing speed	0-2mm/r	
筘横动动程 Reed traversing travel	10-20mm	
整经速度 Warping speed	10-800m/min	
卷绕密度 Winding density	0.3-0.65g/cm ³	
单纱张力 Single yarn tension	10-60cN	
张力波动 Tension fluctuation	±3cN	
操作显示器 Operation display	10.4英寸触摸屏 10.4 inch touch screen	
筒子架 Creel	矩形、小V型、固定式、回转式 H creel.V creel. fixed stype. turnover type	
锭距 Spindle pitch	250 x 250mm或定做 250 x 250mm or made to order	
锭数 Yarn ends	640锭或定做 640 ends or made to order	
输入电压 Input voltage	3 x 380V ± 10%	
电机功率 Motor power	11kw (选配) 11kw (optional)	
变频器 Frequency inverter	11kw (选配) 11kw (optional)	
主机重量 Weight of machine	3200kg	
筒子架重量 Weight of creel	2800kg	

筒子架 Creel



回转矩形筒子架
Turnover H creel



无柱积极传动筒子架
None pillar positive drive creel

回转V型筒子架 Turnover V Creel

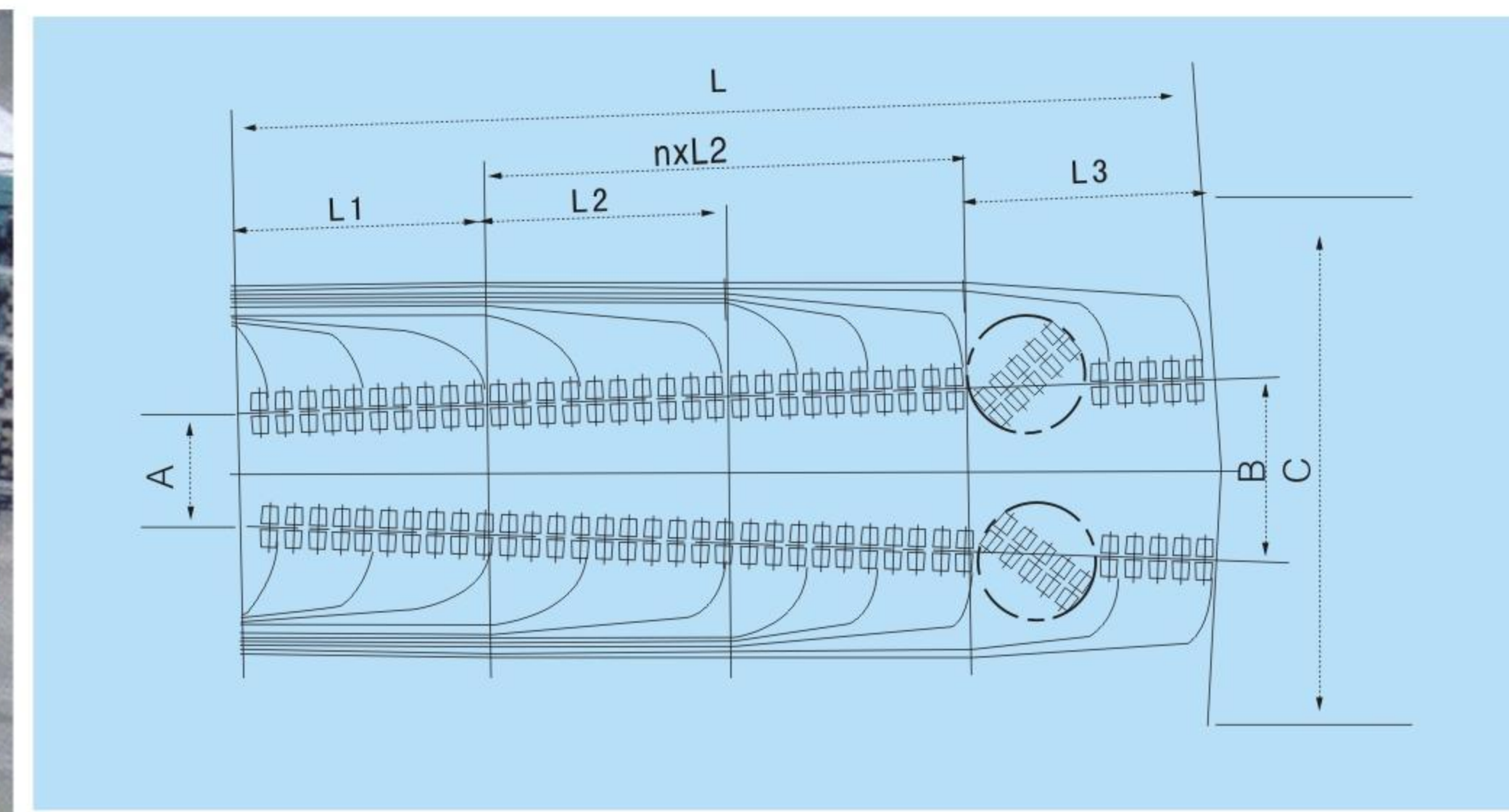
头数 Ends 锭距 Pitch	800(350/624)								880(350/676)							
	A	B	C	L ₁	L ₂	L ₃	L	n	A	B	C	L ₁	L ₂	L ₃	L	n
230 × 230	800	2252	4847	2435	2340	2435	11890	3	800	2395	4991	2435	2340	1205	13060	4
250 × 250	800	2375	4969	2635	2540	2835	12780	3	800	2529	5124	2635	2540	1365	14160	4
270 × 270	940	2636	5231	2835	2740	2835	13890	3	940	2805	5398	2835	2740	1465	15260	4
300 × 300	940	2819	5414	3135	3040	3135	15390	3	940	3005	5600	3135	3040	1615	16910	4
350 × 350	1000	3280	5875	2935	2840	1515	19650	5	1000	3453	6046	2935	2840	2935	20070	5

回转V型筒子架 Turnover V Creel

头数 Ends 锭距 Pitch	560(350/480)								640(350/528)								720(350/576)							
	A	B	C	L ₁	L ₂	L ₃	L	n	A	B	C	L ₁	L ₂	L ₃	L	n	A	B	C	L ₁	L ₂	L ₃	L	n
230 × 230	800	1825	4418	2435	2340	1265	8380	2	800	1968	4561	2435	2340	2435	9550	2	800	2111	4704	2435	2340	1265	10720	3
250 × 250	800	1911	4504	2635	2540	1365	9080	2	800	2066	4659	2635	2540	2635	10350	2	800	2221	4814	2635	2540	1365	11620	3
270 × 270	940	2136	4729	2835	2740	1465	9780	2	940	2304	4897	2835	2740	2835	11150	2	940	2472	5064	2835	2740	1465	12570	3
300 × 300	940	2265	4858	3135	3040	1615	10830	2	940	2451	5043	3135	3040	3135	12350	2	940	2637	5229	3135	3040	1615	13870	3
350 × 350	1000	2757	5352	2935	2840	2935	14390	3	1000	2933	5520	2935	2840	1515	15810	4	1000	3105	5699	2935	2840	2935	17230	4

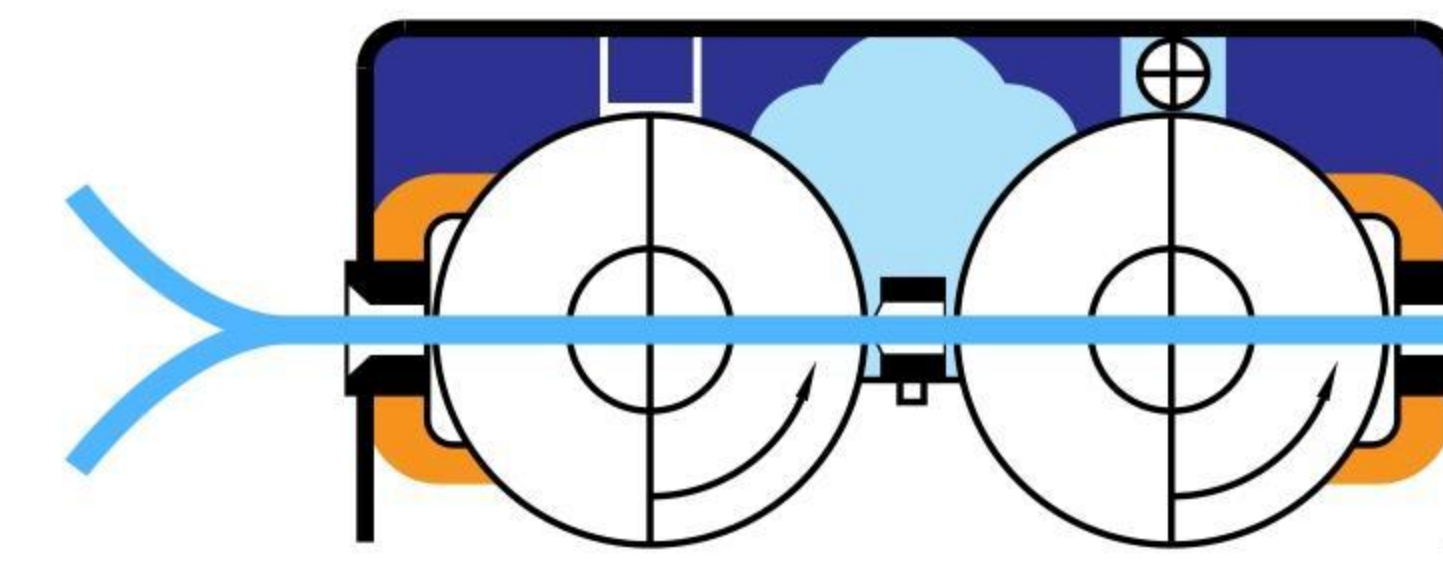


回转V型筒子架
Turnover V creel



回转小V型筒子架
Turnover V creel

张力器 Tensioner



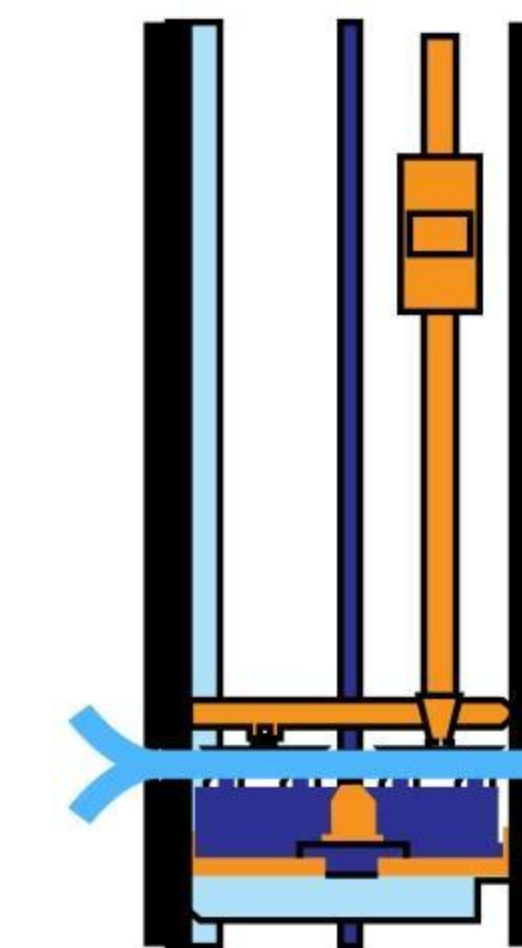
无柱积极传动张力器
None pillar positive drive tensioner



压片二柱式张力器
2-pillar tensioner



吊环式自动补偿张力器
Ring type tensioner



三柱式磁悬浮张力器 (专利产品)
3-pillar magnetic suspension tensioner
(patent product)



三柱式张力器
3-pillar tensioner