



江苏方新 H-FANG 智能型分条整经机

江阴市方新技术有限公司
Jiangyin Huifang New Technology & Scientific Research Co., Ltd
地址: 江苏省江阴市周庄镇周西路11号
11# Kohang Road, Changshou Zhouzhuang Town,
Jiangyin City, Jiangsu Province
董事长 (President): 吴庆丰 Wu Yifeng
手机 (M.P.): 13801530808
邮编 (P.C.): 214424
E-mail: trade@hufang.com

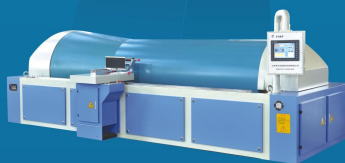
织造事业部
电话 (Tel): 0510-8636215 传真 (Fax): 0510-8636212

纺纱事业部
电话 (Tel): 0510-86361850 传真 (Fax): 0510-8636204

科技合作
电话 (Tel): 0510-8636220 传真 (Fax): 0510-86360718

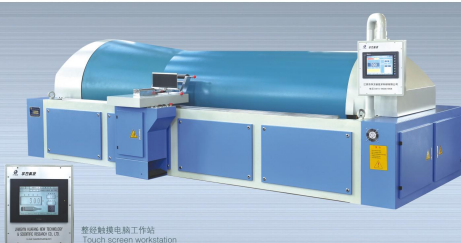
国际贸易 Export Department:
地址 (Add): No. 20 Yungu Road, Changshou Town, Jiangyin, Jiangsu, China
电话 (Tel): +86-510-8636558 传真 (Fax): +86-510-8636207
Email: sales@h-fang.com

www.h-fang.com

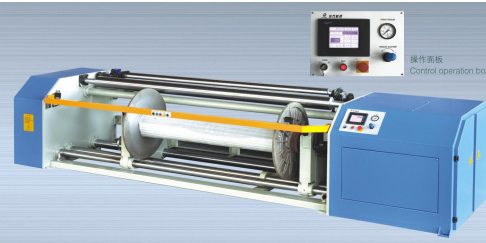


HF988C智能型分条整经机 HF988C Intelligent Sectional Warming Machine

HF988C智能型分条整经机 HF988C Intelligent Sectional Warming Machine



整经触摸屏工作站
Touch screen workstation



操作面板
Control operation board

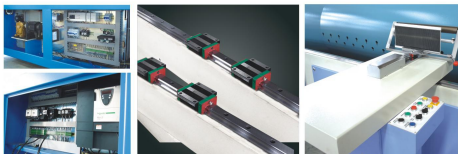
HF988C智能型分条整经机

随着织造技术的不断提高, 就必须有高质量高性能的前织设备来满足它。因此, 江阴方新科研人员成功开发出了HF988C智能型分条整经机。

该智能型分条整经机适用于精毛纺织物、高档织物、强捻化纤长丝织物、色织物、真丝织物、毛巾织物及特种工业用布等品种的前织准备。可以与喷水、喷气、剑杆、片梭等织机相配套。完全能够替代进口。

HF988C Intelligent Sectional Warming Machine

The development of weaving technology needs preparatory equipment with high quality and performance for completion. H-Fang succeeded in developing HF988C intelligent sectional warming machine 10 years ago. It is preparatory to weaving lines of wool textile, trademark fabric, heavy twist synthetic fiber filament fabric, yarn dyed fabric, natural silk fabric, towel fabric and industrial special fabrics. It can be completed with water-jet, air-jet, rapier and gripper looms and is an excellent substitute of similar products of Europe.



电液控制系统
Electric control system

高精度直线导轨
High precision linear guide rail

操作方便的号纱快速操作台
Easy operation for front reed and control panel

具有强刚性整体式驱动机构
Powerful rigidity integrated beaming machine

主要技术特征

- HF988C电器控制全套引进日本三菱技术, 配备了三菱PLC, 采用了先进的交流伺服系统和步进系统, 触摸屏工作站等高档电器。
- 根据零件的线参数, 实物的工艺输入电脑, 自动完成繁杂的计算过程, 使整经台的位移精度更精确, 真正达到智能化。
- 倒经张力可任意设定, 实现理想的软轴卷绕。
- 大屏触摸显示屏, 显示清晰、信息量大、操作方便并设有电、气全方位故障诊断显示和整经状态显示功能。
- 整经起经定位, 各定位可一次按键自动完成。
- 采用先进的现场总线技术, 使整机中各部分的所有参数状态等信号都能通过一根总线传递, 使设备的调试、诊断、工艺参数的管理都具有智能化。

Main Characteristics

- High level electric configuration
--MITSUBISHI PLC,
--Advanced servo system,
--Step motor,
--Touch screen computer workstation.
- Fully computerized automatic control for
--input varieties data of yarn information,
--automatic calculation,
--precise movement of warping table, high intelligence.
- Distinct beaming tension can be set before or during beaming to ensure perfect winding result.
- Big touch screen, clear, rich information content, easy operation, displaying detailed warping condition and trouble shooting for electric and air components.
- Start point locating and section alignment to be set easily by one key.
- Advanced field bus technology available for easy transmission of any signal from any part of the machine, fully automatic operation for testing, trouble shooting and parameter setting.
- Pneumatic car-use disc brake, reliable and large brake moment.

主要技术特征

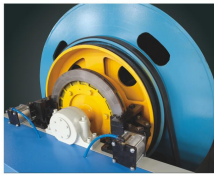
- 制动采用可靠稳定的汽车用气动制动装置，制动力矩大，灵敏可靠。
- 整经台可随纱层厚度的增加作自动径向移动，超出设定的工艺参数范围时，使纱嘴与成形纱筒保持等距离。其距离可根据工艺要求任意设定。
- 主经纱在车架上由伺服电机控制移动，分绞捻股及锭子架等固定，经纱卷在整经过程中始终中心垂直状态使片纱的边纱张力保持一致。
- 整体倒轴装置，能适应较大的倒轴张力，能适应自身最大幅宽以下的所有整经幅宽及所有形式规格整经。
- 1.8或1.6固定锥体大滚筒采用薄壁圆筒制作，与高精度伺服马达电机的整机操作配合满足所有品种的整经工艺。钢质大滚筒经高精度动平衡处理。
- 配有三点自动定位的气动式分绞器，分绞时间短，工作效率高。
- 倒轴安全保护装置采用二套装置安全杆杆及红外光电轴，确保操作者的人身安全。
- 配有多种形式的筒子架，能满足不同品种的工艺要求。筒子架可根据用户需求特殊配置。
- 本机可改装二柱式张力器、吊环式自动补偿张力器等多种形式。
- 本机配有红外光电式断头自停。
- 本机配有红外光电式断头自停。

Main Characteristics

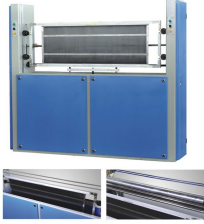
- With the increasing thickness of the yarn, warping table which controlled by independent imported step motor move backwards automatically to ensure the constant space between front need and yarn surface. This space can be set as per different processing demand.
- Warming head horizontal movement controlled by a servo-motor. Leasing reed and creel fixed. The central of warp yarn section is always in baseline thus to ensure even tension of both section sides.
- Integrated warp beaming device suitable for big beaming tension, fit for all types of beams.
- Fixed 1.8 or 1.6 taper drum, made of sheet steel, high precise dynamic balanced, fit for all types of yarns.
- Pneumatic three-point automatic positioning leasing reed, high efficiency and function in short time.
- Guide rail and infrared raster available for guarantee safety of beaming operation.
- Variety of bobbin creels available for option.
- Cone ends and cone pitch to order.
- Variety of tensioners for option.
- Infrared photoelectric broken end stop motion device.
- Oiling / waxing device and static eliminator available for option.

主要技术参数 Main Technic data

有效幅宽 Working width	2300-3600mm
锭轴盘片直径 Beam diameter	800mm, 1000mm
整经速度 Warming speed	0-800m/min
倒轴速度 Beaming speed	0-160m/min
倒轴实际张力精度 Deviation of beaming tension	≤ ± 2%
制动距离 Braking distance	≤ 2m(500m/min)
大滚筒柱体直径 Drum diameter	1000mm
大滚筒锥体厚度 Drum tapering	1.8 1.6
锥体长度 Cone length	1150mm(盘片直径 beam dia. φ800, 锥度 tapering 1:8)
分条速度 Section traverse speed	0.001-9.999 (m/min) 0.001-9.999mm/r, stepless
分条定位精度 Section positioning accuracy	≤ 0.01mm
分条移动精度 Section traverse accuracy	≤ 0.02%
整经范围 Section width	0-450mm
整经电脑工作站 Warming control workstation	10.4英寸触摸屏 10.4-inch touch screen
筒子架锭距 Cone pitch	250mm x 250mm或定制 (或 made to order)
筒子架锭数 Yarn ends	480(羊毛、棉、混纺) 560(化纤长丝) 560(filament)
输入电压 Input voltage	3 x 380V ± 10%
整经电机功率 Power of warming motor	7.5Kw or 11Kw
倒轴电机功率 Power of beaming motor	15Kw or 18.5Kw
主机重量 Weight of machine head	7000Kg 幅宽 2300mm, 盘片直径 φ800mm 7000Kg for width 2300mm Beam dia. 800mm



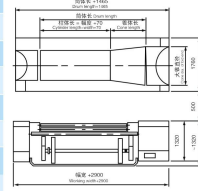
汽车用碟刹制车系列 (专利产品)
Brake series of automotive braking cylinder (patent product)



高效快速三点自动定位气动式分绞器
High efficiency pneumatic 3-point automatic positioning leasing reed (patent product)

型号 Type HF988C 幅宽 Width 2300 S S L 卷径 盘片直径 800 dia. 1000

单位: mm	幅宽 Width	S	S	L	卷径 盘片直径 800 dia. 1000
锭轴 Beam	Working width	2300	2500	2800	3000 3400 3600
卷轴直径 Winding dia.	Cylinder diameter	2370	2570	2870	3070 3470 3670
800	锥体长度 Cone length	3520	3720	4020	4220 4420 4620
	锥体长度 Cone length of beam end	1287.5			
1000	锥体长度 Cone length	3670	4070	4370	4570 4770 4970
	锥体长度 Cone length of beam end	1500			



精益求精 尽善尽美

筒子架 Creel



矩形筒子架 Turnover H creel



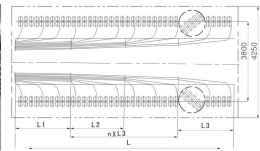
无柱积极传动筒子架 None pillar positive drive creel

矩形回转型筒子架尺寸 Turnover H creel

锭距 Pitch	头数 Ends 480				560				640				层数 layer			
	L1	L2	L3	L4	L1	L2	L3	L4	L1	L2	L3	L4				
230 x 230	2435	2340	2435	7210	1	2435	2340	1265	8380	2	2435	2340	2435	9550	2	8
250 x 250	2635	2540	2635	7810	1	2635	2540	1365	9080	2	2635	2540	2635	10350	2	8
270 x 270	2835	2740	2835	8410	1	2835	2740	1465	9780	2	2835	2740	2835	11150	2	8
300 x 300	3135	3040	3135	9310	1	3135	3040	1615	10830	2	3135	3040	3135	12350	2	8

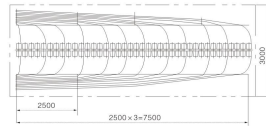


回转型筒子架 Turnover V creel

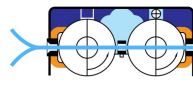


矩形回转型筒子架尺寸 Turnover H creel

锭距 Pitch	头数 Ends 720				800				层数 layer		
	L1	L2	L3	L4	L1	L2	L3	L4			
230 x 230	2435	2340	1265	10720	3	2435	2340	2435	11890	3	8
250 x 250	2635	2540	1365	11620	3	2635	2540	2635	12890	3	8
270 x 270	2835	2740	1465	12570	3	2835	2740	2835	13890	3	8
300 x 300	3135	3040	1615	13870	3	3135	3040	3135	15390	3	8



张力器 Tensioner



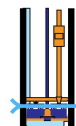
无柱积极传动张力器 None pillar positive drive tensioner



压片二柱式张力器 2-pillar tensioner



吊环式自动补偿张力器 Fling 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

精益求精 尽善尽美