

Z GA129高速分批整经机



◆ 适用范围 Scope of Application

该机能精确控制经纱长度和经纱的排列，适用于各种短纤维纱线的分批整经，是各类无梭织机的织前准备设备。

This machine can accurately control length and arrangement of warp yam. It is suitable for directly warping of various kinds of chopped yams and is the pre-spinning preparation equipment for various kinds of pirn less looms.

◆ 主要技术参数 Main specifications

1、整经幅宽	1800mm(其它幅度根据用户要求可定制)	1.Fabric width of warping beam: 1800mm (Other fabric width could be customize according to the requirement of customer)
2、最大经轴盘片直径	800mm	2.Max. diameter of warp beam:800mm,1000mm
3、整经速度	300-1000m/min	3.Speed of beam warping:300-1000m/min
4、制动距离	≤3m(500m/min)	4.Braking length:≤3m(500m/min)
5、经纱长度误差	≤0.2%	5.Error in right adjustable range of reed:≤0.2%
6、箱左右调节范围	0-40mm	6.Left and right adjustable range of reed:0-40mm
7、主电机功率	18.5 kw	7.Power of main engine:18.5KW
8、操作显示器	10.4寸触摸屏	8.Operation displayer:10.4inch touch panel
9、主机重量	3500kg	9.Weight of main engine:3500kg
10、筒子架	大V型架(详见样本)	10.Bobbin creel:large V shape creel(see to sample)

◆ 主要技术特征 Technical Features

- 1.经轴直接传动，变频控制电机实现整经线速度无极设定，线速度恒定。
- 2.采用压辊间接加压方式，防止了加压过程中的跳动，使经轴成形圆整均匀。压辊为液压制动，制动时瞬间脱离避免了压辊与纱线表面的摩擦。
- 3.采用左右经轴高效的钳式制动。导辊钳制动，制动平稳迅速。
- 4.气动上落轴快速，方便。
- 5.气动拍合，拍合头采用锥齿形式使对中精确，保证经轴的扭转和制动的同步性能。
- 6.气动自锁，安全可靠。
- 7.采用加压辊与经轴互联计长方式，计长精度更高。
- 8.伸缩处设有间隙吹风功能，用于清洁箱齿；箱齿左右上下摆动功能，避免箱齿的磨损，保证了纱线卷绕均匀一致。
- 9.在伸缩箱和导辊间设有防缠绕装置。在机器启动时产生作用，使纱线重新排列均匀。
- 10.配挡风罩，操作安全方便。
- 11.操作根据实际需要采用按钮与触摸屏相结合，功能更加合理，操作更加方便快捷。

- 1.The warping beam is directly transmitted, the variable frequency control motor has achieved stepless setting for yam warping speed. and the yam speed is constant.
- 2.Adopt indirect pressure between press rollers thus to prevent jump in the pressing procedure and the formation of spindle beam would be round and uniformed. The press roller adopts hydraulic braking; the instant separation in braking avoids the friction between press roller and the surface of yam.
- 3.Adopt clamp braking in left and right synchronize mechanical beating in yam guiding roller, the braking is stable and fast
- 4.Pneumatically control for beam loading and doffing makes fhe operation fast and convenient.
- 5.The beating head of pneumatically beam clamping adopts bevel gear pattern to precise the centering thus to ensure the synchronous performance of the rotation and braking of warp beam.
- 6.Pneumatically Interlock makes sure the safety and reliability.
- 7.Adopt interconnecting length calculation of yam press roller and warping beam the accuracy of which is higher.
- 8.Blasting function is set for the space in creel reed to clean the reed gear. the function of reed gear to flap left to right and up to down avoids the abrasion of reed gear which ensures the equality and uniformity in yam winding.
- 9.Anti-winding device is equipped between creel reed and yarn guide roller which works by the startup of machine to rearrange the yarns into uniform.
- 10.Adopt totally closed guard device which would qutomatically open when the equipment stopped running; the operation is safer and convenient.
- 11.The operation combines the adoption of button and touch panel according to requirements; the function is more reasonable;the operation is more fast and convenient.



◆ 筒子架型式 General Verview

大V形循环式筒子架主要和整经短纤维的分批整经机配套使用。主要特点是架身短，架子与伸缩箱之间无导纱器，特别适应对摩擦敏感的某些短纤维，实现低张力水平高速运行，有利于减少纱线的张力差异和整经时的断头率。交错的纱筒布置优化了空间利用，V形内则可存放预备筒子架，便于工作操作，换筒时间短，减少整经时停车时间。该筒子架特别适应高速整经。

Big V-shaped recirculated bobbin creel is assorted with direct warping machine for chopped fiber. Its advantages include shorter creel body, no carrier between frame and creel, especially adapted for some chopped fibers which are sensitive to friction, working under low tension and high speed, be favorable to reduce tension difference of yarn and end breakage when warping. The inner side of v-shaped creel could store bobbin. which is convenient for operation. The bobbin changing time is short so that can save idle period for warping machine. This kind of bobbin creel is especially fit for high speed warping.