

Z GA121分批整经机

ZGA121Beam Warping Machine



◆ 适用范围 Scope of Application

该机适用于纯棉、中长、短长、纯纺、混纺等多种纱线整经，适用纱支6^s~100^s，能满足用户对高档高密织物整经的需要，且适用于色织行业的分批整经，是与国内外各种有梭和无梭织机配套的理想产品。

This machine is suitable for warping the yarn of pure cotton, polyester cotton and staple fabric of chemical fiber blends in 6^s~100^s to meet the warping requirements of high level and high density fabrics, and it is also suitable for warping colored yarn and the ideal product to match various shuttle and shuttleless looms at home and abroad.

◆ 主要技术参数 Main Technical Parameters

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|---------------------------------------|--|
| 1.设计车速：1000m/min | 1.Design speed: 1000m/min |
| 2.经轴边盘直径：φ800mm、φ1000mm | 2.Diameter of the beam disc: φ800mm、φ1000mm |
| 3.幅宽：2000mm、1800mm、1600mm、1400mm(可定制) | 3.Width: 2000mm、1800mm、1600mm、1400mm (Can be customized) |
| 4.制动距离：≤3米 | 4.Braking distance: ≤3meters |

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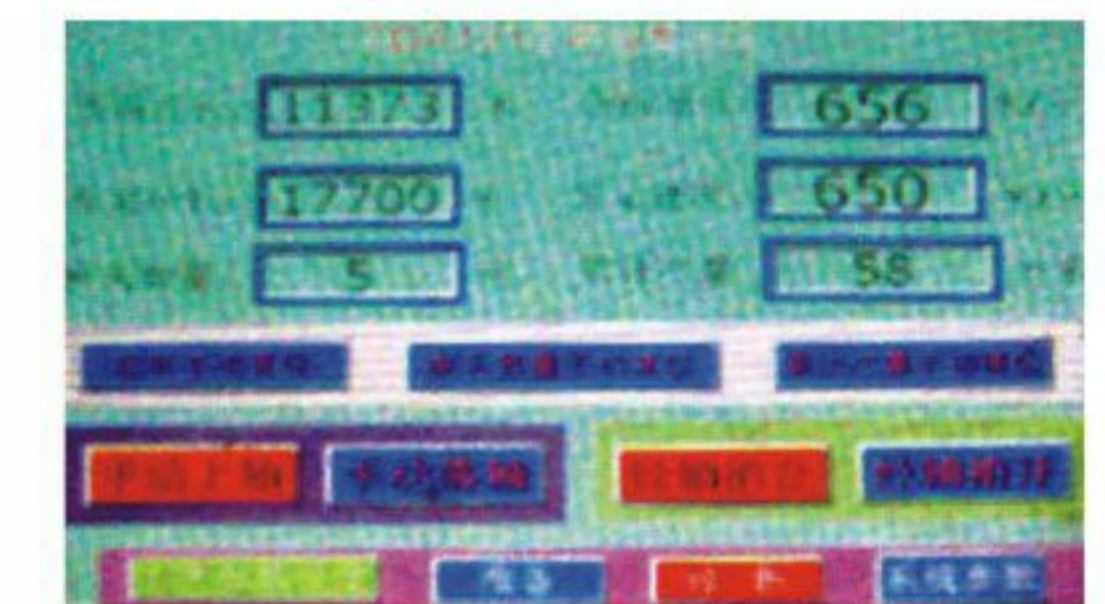
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◆ 主要技术特征 Main Technical Characteristics

- 1.高速度、大卷装、交流电机直接拖动经轴，并由PLC控制、变频器实现无级调速、恒线速卷绕。
- 2.采用编码器与电脑组成对经轴直接计长与测速系统，消除了间接计长的误差。
- 3.电脑系统与触摸彩屏的智能终端组成的操作界面，可设定和显示各种工艺性能参数，增设了生产管理信息和故障检测系统。
- 4.经轴、压辊、测速辊三辊同步高效抽动，压辊设有阴尼加压和瞬间回弹装置，以避免对纱线的磨损。
- 5.W型伸缩箱由步进系统控制，与经轴同步运动，以保证纱线均匀排列，避免纱线对箱针的定点磨损。
- 6.经轴拍合，采用电机驱动，机械夹紧，准确定心。
- 7.筒子架配置小V型翻转式，集体换筒，以保证整体经纱张力均匀，翻改品种快，生产效率高。
- 8.集装式红外线断经自停装置，灵敏可靠。
- 9.完备的连锁和保护功能。如有异常情况，机器将自动停止运转或无法起动，确保机器在正常条件下工作。
- 10.设有安全栏杆和挡风玻璃，确保操作者人身安全，并方便操作。



- 1.The warp beam is directly driven by AC motor with high speed and large package.The stepless speed regulation is controlled by the PLC and achieved by inverter to realize the constant speed winding.
- 2.The direct length measure and speed measure system implemented with encoder and computer is adopted to eliminate the indirect Control error.
- 3.All kinds of performance parameters can be set and displayed in the operation interface, which is composed of computer system and intelligent touch color screen.The information of production management and trouble detection system is added as well.
- 4.High efficient and synchronous braking is taken into effect in the three rollers of beam,pressure roller and speed roller, In the pressure roller the damping pressurization and the instant bouncing device is equipped to prevent wearing for the yarn.
- 5.W-type adjustable reed is controlled by stepping motor. It is moved synchronously with warp beam to ensure the even arrangement of yarn and to avoid the fixed-point wear in the reed.
- 6.The beam clamping is driven by motor with mechanical clamping and accurate centering.
- 7.Small "V" shape rotary bobbin creel is equipped.Collective changing-bobbin ensures the uniform warp tension,fast variety changing and high efficient production.
- 8.Infrared warp stop motion is equipped, which is sensitive and reliable.
- 9.The complete chain and protection functions. If abnormal matter occurs, machine will automatically stop or not start to ensure that the machine runs in normal condition.
- 10.Security fence and windshield is equipped to ensure the personal safety of operators and facilitated operation.