GE118型 实时监控拷贝型高速整经机

GE118 Real-Time Monitoring Copy And High-Speed Warping Machine

GB（国家标准）
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拷贝类

GE118型实时监控拷贝高速整经机为新开发的高性能整经设备。本机设置了高品质的闭环张力控制系统（PID），保证纱片总张力的恒定和精确。本机的微电脑控制系统能在整经过程中连续监测盘头直径并实时进行张力控制，保证成组盘头的直径（外周长）及米长一致。

GE118 Warping machine is a new-developed machine with good function. The warper has a closed circuit tension(PID)to sure of the eternally fixed and accurate of the yarn. The micro-computer real-time monitoring system can detect beam's diameters in succession and regulate the tension at all time to make sure that diameters of a set of beams are equal.

主要技术参数

1、线速度：100-1000米/分钟
2、盘头规格：21"×Φ21"（英寸）或21"×Φ30"（英寸）
可选配21"×Φ34.5"（英寸）
3、控制方式：电脑实时控制和显示
4、张力罗拉：PID实时闭环调节纱线张力
5、盘头升降、夹紧及主刹车：气动控制
6、主电机：7.5KW变频恒线速闭环控制
7、制动力矩：1600NM
8、气源：6bar
9、拷贝精度：圈数相同时，外周长一致，米数误差≤5米
10、最大计数范围99999米（卷）

Main Technolongy Parameter

1. Warp line speed:100—1000m/min
2. Warp beam size: 21"× Φ21"（inch）, 21"× Φ30"（inch).
3. Control way: computer real-time controlled and monitor.
4. Tension roller: real-time PID adjusts yarn tension in closed loop control.
5. Bean up and down, clamping and brake: pneumatically operated.
6. Main motor: 7.5KW AC-frequency controlled with constant linear speed and closed circuit.
7. Brake torque: 1600NM.
8. Air connection: 6 bar.
9. Copy precision: the outer perimeter are the same when the circles are the same, the meter mistake lesser than 5m.
10. Maximum counting range: 99999 meters (circle).

主要特点

1、根据母盘头的样本，拷贝成组参数相同的盘头。
2、电脑实时检测盘头的直径、米长和圈数，保证成组盘头直径（外周长）及米长一致。
3、张力罗拉实施PID闭环调节张力，保证纱线张力平稳。
4、计算精度高，具有超强报警功能。
5、联机修正整经参数，母盘头可以修正整经长度，子盘头可以修整外周长和米长。
6、盘头装卸由气动制动器，罗拉制动采用电动制动器。
7、主轴制定采用气动制动器，罗拉制动采用电动制动器。
8、操作灵活方便，可以进行模拟盘头配制。

Main Features

1. According to mother beam, copy sets of same beams.
2. The micro-computer real-time monitoring system can detect beam's diameters in succession and regulate the tension at all time to make sure that diameters, out perimeter and length of a set of beams are equal.
3. Tension roller adjusts yarn tension by PID, and then makes yarn tension stably.
4. The machine can give an alarm when it is in errors and calculation precision is high.
5. Revising warping parameter on line. Mother beam can revise warping length and sub-beam can revise outer perimeter and length.
6. The beam's load and unload is driven pneumatically, up and down straight line so it runs steadily and orientates accurately.
7. Main shaft brakes pneumatically. Roller adopts electric break.
8. Operation is easy and can simulate the beams group.