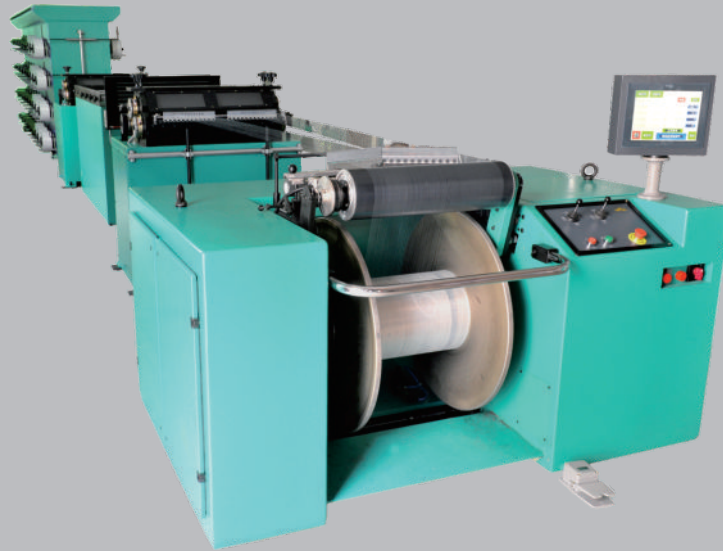


GE358 Split Yarn Warping Machine

GB (国家标准)
GB/T 22296-2008



分丝类

GE358分丝整经机是适用于母丝（涤纶、锦纶等）原料的高性能整经机。单股母丝由若干根单丝组成，该机可大大节约客户的原料成本，节约生产场地和提高生产率。

该机主要由纱架、导纱装置、后牵伸罗拉、张力辊、分丝集束板、前牵伸罗拉、车头组成。

每股母丝都单独有一只力矩电机给予一定的初始张力，后牵伸罗拉从纱架上牵出母丝；通过若干道张力辊保持一定的张力。通过分丝集束板进行分丝；前牵伸罗拉对分丝后的单丝进行牵伸并控制平衡力。最终由车头进行恒线速收卷。

整个整经过程线速度恒定，张力可控、波动小。

GE358 Split yarn warping machine is suitable yarn such as polyester, polyamide etc. The mother yarn is made of a number of monofilament. The advantages of this machine can save material cost, workroom space and improve production efficiency.

This machine is mainly composed by creel, yarn guider back drawing rollers, tension roller, split yarn collection board, front drawing roller and warper head.

Each strand of mother yarn is tensioned by a torque motor to get an initial tension, the back drawing rollers draws the mother yarn from the creel to the yarn collection board through several tension rollers. The yarn is split from the collection board; the front drawing rollers draw the monofilament to the beam. The liner speed is stable, the tension is controlled and small wave.

主要技术参数

- 1.适用盘头：21"×30"(英寸)，21"×21"(英寸)。
- 2.分丝头分：按客户要求。
- 3.整经线速度：50—750米/分。
- 4.主动送纱纱架：
 - (1) 母丝股数：72股（可根据用户需要定做）；
 - (2) 单股母丝力矩电机控制：可作微调。
- 5.平衡罗拉：两套伺服控制（变频）三辊式罗拉。
- 6.跌落式自停。
- 7.主电机功率：7.5KW交流变频控制。
- 8.控制方式：电脑实时控制，触摸屏人机界面。

主要特点

- 1.全新机型，智能识别人机界面，各种数据自动保存。
- 2.速度跟踪伺服变频控制，自动控制检测机构。
- 3.电脑实时检测，智能控制张力。
- 4.盘头装卸气动驱动，直线升降，运动平稳，定位精准。
- 5.主轴制动电磁制动，制动快速可靠。
- 6.整经张力均匀，张力波动小，经轴平整。

Main Technology Parameter

1. Warper beam size: 21" × 30" (inch), 21" × 21" (inch).
2. Warper capacity: at customer's opinion.
3. Warp liner speed: 50-750(m/min).
4. Active Let-off creel:
 - (1) No. of mother yarn strands: 72 strands (can according to customers requirements);
 - (2) Single-strand mother yarn torque motor controlled, with slight adjustment.
5. Leveling roller: two sets of servo (or inverter) controlled, with slight adjustment.
6. Drop stop device.
7. Main motor: 7.5KW AC frequency conversion control.
8. Control mode: computer real-time control, touch screen and man-computer interface.

Main Features

1. Advanced model, intelligently distinguish human-computer interface, all date is saved automatically.
2. Speed tracking servo control and automatic control detection mechanism.
3. Computer real-time testing, intelligently control tension.
4. Load and unload beams pneumatically driving, go up and down straightly, move stable and fix accurately.
5. Main shaft is driven pneumatically so braking is fast and stable.
6. Warping Tension is same similar, wave is small and the beam is smooth.