



弹性类

GE628型立式弹性（氨纶）纱线整经机，采用5只高性能伺服驱动、高精度激光测距等先进技术，具有高可靠性、控制精度高、配套齐全、操作简易等优点，能够满足各种品牌规格的弹性氨纶整经需求（特别是生产高品质亚光平布对氨纶整经的要求）。

GE628 Spandex Warping Machine with Vertical Creel is driven by 5 pcs of high performance imported servo motor and adopts high precision laser to measure distance so the warper is stable, well equipped and easy to operate. It is suitable for warping all kinds of spandex, especially for requirement of knitting high quality plain cloth.

### 主要技术参数

- 1.可适用21" × φ21"(英寸)规格盘头。
- 2.纱架最高线速度300米/分。
- 3.预牵伸值0—200%；最终牵伸值15—100%。
- 4.制动时间:≤0.6秒，停车同步误差小于±3%。
- 5.纱筒数量616、700、728、784、792、896等规格（可按客户要求定制）。
- 6.伺服电机功率：车头13.2KW，车头罗拉2.9KW，牵伸罗拉4.6KW，纱架：2×6.9千瓦。
- 7.消耗总功率：<10千瓦。

### Main Technology Parameter

1. Warper .beam size: 21" × φ21" (inch) .
2. Warper linear speed: 300m/min.
3. Pre-drafting: 0—200%, Final draft: 15%—100%
4. Brake time less than 0.6 seconds, the deviation of stop synchronization is less than ±3%.
5. Creel capacity: 616, 700, 728, 784, 792, 896, etc. (According to customers requirement.)
6. Servo Motor Power: Warper head power 13.2KW, Warper head tension roller 2.9KW, Draft roller 4.6KW, Creel: 2 × 6.9KW.
7. Total power consumption: < 10KW.

### 主要特点

- 1.采用5只高性能伺服同步比例精确驱动。车头、平衡罗拉、牵伸罗拉、左右纱架之间均由伺服电机驱动，消除传统机械传动易损、维护难、噪音大等系列问题。
- 2.采用进口高端可编程控制器、10" 大屏幕彩色触摸屏、总线控制技术，提高了控制精度，增加了系统的安全可靠性。
- 3.采用高精度激光测距装置，实时监测盘头卷绕周长变化，保证盘头卷绕线速度精确恒定。
- 4.具有完善的断电、缺相、失气等安全保障功能。
- 5.具有多品种、不同规格的氨纶纱筒补偿曲线，确保整出同组盘头之间卷绕圈数相等，且卷绕原料净重相等，确保纱架余丝一致，为客户节约大量原料成本。
- 6.配有高精度照相断纱自停装置，保证整经缺头、断纱及时停车。
- 7.系统具备自诊断功能，实时监测机器状态及纱线张力，确保系统的安全性和可靠性。

### Main Features

1. It's driven in-phase by 5 pcs of high performance servo motor which are made by Lenze Germany. The warper head, leveling roller, draft roller and creel (L&R) are driven by servo motor to eliminate some problems such as noise, maintenance and damage which caused by traditional mechanical drive.
2. It adopts imported PLC, big colored LCD touch screen (10"), and bus-mastering, which improves controlling precision and stability.
3. To ensure the precision of line speed of beam, the warper adopts high precision laser to measure and monitors winding perimeter of the beam.
4. Protection system is equipped to avoid problems caused by power break, no phase and no pressure.
5. With Various different elastic yarn bobbins compensation curves, can ensure same group beams winding circles are same, and material net weight also same, consistent rest yarn on creel, for customer saving the plenty of material cost.
6. High precision cam scan stop device is equipped to ensure stop immediately during missing ends and yarn broken.
7. The system is equipped with self-diagnosed function which can monitor the condition in real time and yarn tension make sure the system safety and precision.