



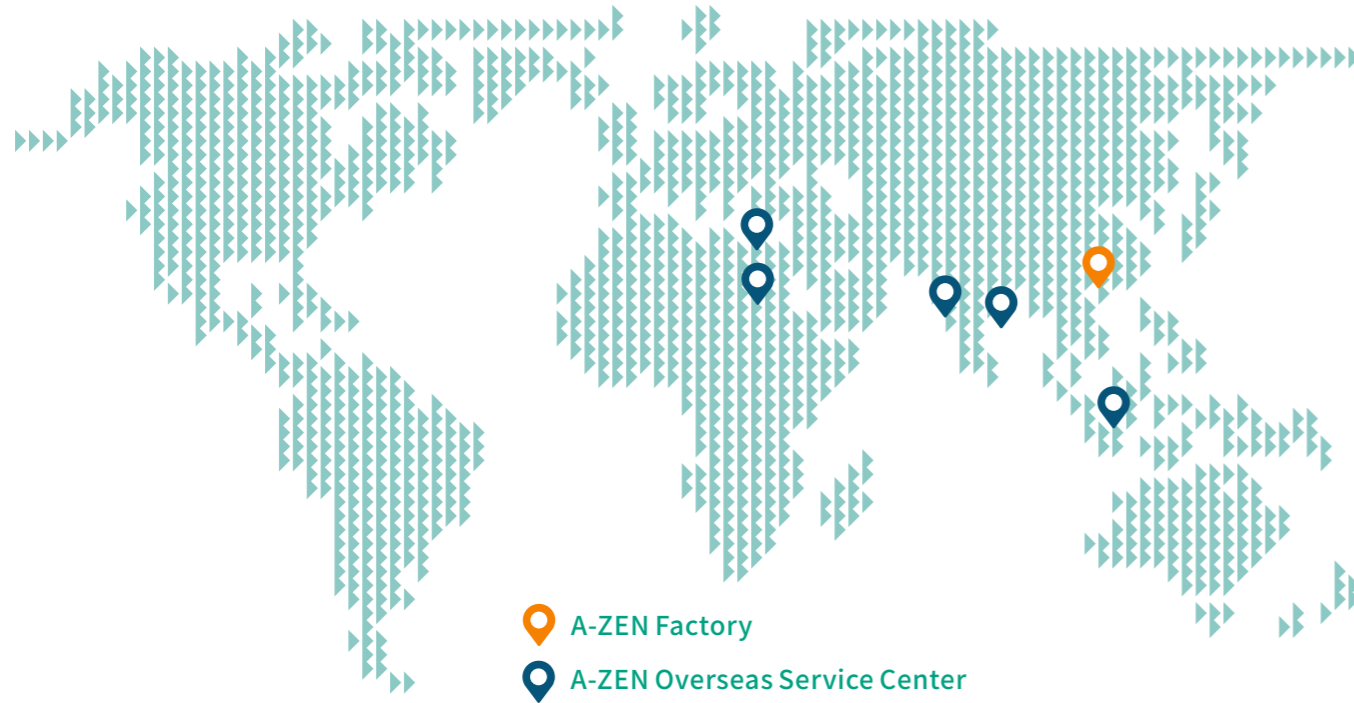
Warping Machine

整经机系列

AZ118L Direct Warping Machine

AZF328 Split Warping Machine

AZE318 Spandex Warping Machine



We're Satisfied with Your Satisfaction.



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AZ118L拷贝整经机

AZ118L Direct Warping Machine



AZ118L型实时监控整经机是一款高性能的高速整经机，该型整经机设置了高品质的闭环张力控制系统(PID)，从而确保了纱线张力的恒定和精确。此外，AZ118L使用经过市场测试的配件和系统，保证了同一组盘头的直径、外周长以及米长的精准

AZ118L real-time monitoring warping machine is a high-performance high-speed warping machine. This type of warping machine is equipped with a high-quality closed-loop tension control system (PID), thus ensuring constant and accurate yarn tension. In addition, AZ118L uses market-tested accessories and systems to ensure the accuracy of the diameter, outer circumference and meter length of the same set of beams



主要技术参数

线速度:100-1000米/分钟

盘头规格:Φ21*21"/Φ30*21", 可选配Φ40*21"/Φ30*21"或Φ40*42"/Φ30*42"

控制方式:电脑实时控制和显示

张力罗拉:PID实时闭环调节纱线张力

盘头升降、夹紧及主刹车:气动控制

拷贝精度:圈数相同时,外周长一致,米数误差≤5米

最大计数范围:99999米(圈)

Main Technology Parameter

Warp Liner Speed: 100-1000m/min

Warp Beam Size: Φ21*21"/Φ30*21". Option Φ40*21"/Φ30*21" or Φ40*42"/Φ30*42"

Control Way: Computer Real-time Controlled

Tension Roller: Real-time PID Yarn Tension Control

Beam Up-and-down, Clamping, and Brake: Pneumatical Control

Copy Precision: Outer Perimeter and Yarn Circles Same, Yarn Length Deviation≤5 Meters

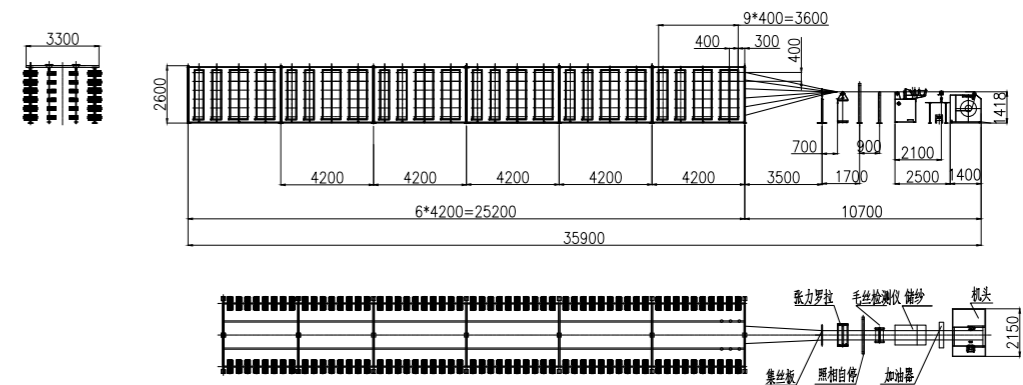
Max. Counting Range: 99999 Meters (Circles)

主要特点

- 根据母盘头参数,精准拷贝子盘头
- 张力罗拉实时监测、调节纱线张力,保证纱线张力平稳
- 盘头装卸由气动控制控制,安全杆和安全门保证了工人操作的安全
- 制动灵敏:主轴制动采用气动方式,罗拉制动采用电动制动
- 多种选配装置如倒车、照相、毛羽检测等提升了盘头纱线的品质,大大降低了成品织物的疵点率
- 纱架尺寸可根据工厂尺寸定制化设计,提升车间利用率
- 机器使用可靠耐用的配件,运行和维护成本经济

Main Features

- Accurately copy son beams according to the parameters of the mother beam
- The tension rollers automatically adjust the yarn tension to ensure that the yarn tension is always in a stable state
- The loading and unloading of beam is controlled by pneumatic way, and the safety lever and safety door ensure the safety of workers' operation
- A variety of optional functions, such as yarn-store, camera, fluff-detector, etc., improve the quality of the beam yarn and greatly reduce the defect rate of the warp-knitted fabric
- The size of the creel can be customized according to the size of the factory to improve the utilization rate of the workshop
- The machine uses reliable and durable accessories, which are economical to operate and maintain





AZF328 分丝整经机

AZF328 Split Warping Machine



AZF328分丝机是适用于涤纶或锦纶母丝原料的一款高性能整经机。单股母丝由若干根单丝组成，AZF328可极大地节约客户的原料成本，并提升单丝整经效率。分丝机的工作原理为将由独立力矩电机控制的母丝从后牵伸棍上牵出，通过若干道张力辊获得一定的张力，并经过分丝板进行分丝，前牵伸罗拉对分丝后的单丝进行牵伸并控制其张力，最终在车头处完成恒转速收卷整经

The AZF328 split warping machine is an advanced machine for polyester or nylon mother yarn. This type of yarn consists of several monofilaments, and the AZF328 excels at splitting and warping these filaments, which leads to significant cost savings and improved efficiency for customers

The working principle of the AZF328 split warping machine is as follows: The mother yarn is drawn from the back drafting roller using an independent torque motor, and then guided through several tension rollers to achieve a specific level of tension. The splitter board then splits the mother yarn into individual monofilaments. The front drafting roller draws each monofilament and controls its tension before the machine completes the process with constant speed winding and warping at the warper headstock



主要技术参数

线速度:100-750米/分钟

盘头规格:Φ21*21"/Φ30"*21"

分丝头份:至80头(按客户要求)

控制方式:电脑实时控制和显示

平衡罗拉:两套伺服控制的三辊式罗拉

盘头升降、夹紧及主刹车:气动控制

主要特点

- 智能人机界面,操作简单
- 速度跟踪伺服变频控制,自动控制检测机构
- 电脑实时检测,智能控制张力
- 盘头装卸气动控制,直线升降,运行平稳
- 主轴制动采用电磁制动方式,安全可靠
- 整经张力均匀,张力波动小,经轴平整
- 机器使用可靠耐用的配件,运行和维护成本经济

Main Technology Parameter

Warp Liner Speed: 100-750m/min

Warp Beam Size: Φ21*21"/Φ30"*21"

Cone Positions: to 80 Positions (at customer's request)

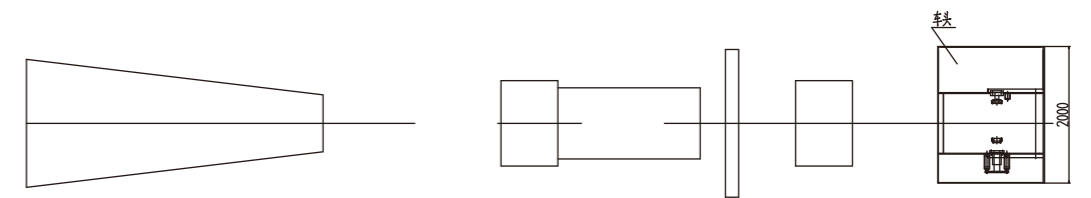
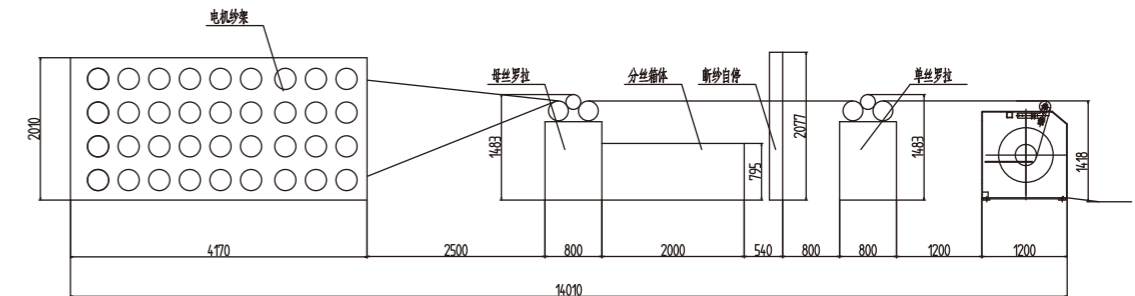
Control Way: Computer Real-time Controlled

Leveling Roller: Two Sets of Servo-controlled Three-roller Rollers

Beam Up-and-down, Clamping, and Brake: Pneumatical Control

Main Features

- Intelligent man-machine interface, easy to operate
- Speed tracking servo frequency conversion control, automatic control detection mechanism
- Computer real-time detection, intelligent tension control
- Pneumatic control of beams loading and unloading, linear lifting, and stable operation
- Main braking adopts electromagnetic braking method, which is safe and reliable
- The warping tension is even, and the tension fluctuation is limited
- The machine uses reliable and durable accessories, cost-effective in operation and maintenance





AZE318 氨纶整经机

AZE318 Spandex Warping Machine



AZE318氨纶整经机采用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、操作建议等优点,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)

AZE318 spandex warping machine adopts 5 high-performance servo drives, high-precision laser ranging and other advanced technologies, has the advantages of high reliability, high control precision, operation suggestions, etc., and can meet the elastic spandex warping requirements of various brands and specifications (especially It is the requirement for spandex warping to produce high-quality tricot plain cloth)



主要技术参数

纱架速度:600米/分钟
机头速度:300米/分钟
盘头规格:Φ21*21"/Φ30"*21"
预牵伸值0-200%,最终牵伸值15-100%
制动时间:≤0.6秒,停车同步误差<3%
纱筒数量可按客户的要求定制

Main Technology Parameter

Creel Speed: 600m/min
Warper Speed: 300m/min
Warp Beam Size: Φ21*21"/Φ30"*21"
Pre-drafting: 0-200%, final-drafting: 15-100%
Brake Time ≤0.6 seconds, stop deviation ±3%
Creel Capacity: According to customer's request

主要特点

- 采用5只高性能伺服电机同步比例精准驱动
- 配备高端可编程控制器、敏捷的触摸屏、总线控制技术,提升了控制精度,增加了系统的可靠性
- 采用高精度激光远距离测距,实时监测盘头数据,保证盘头速度恒定
- 具有完善的断电、缺相、失气等安全保障功能
- 配有高精度的氨纶纱筒补偿功能,确保同组盘头间的纱线数据一致,以及纱架余丝相等,为客户节省大量的原料成本

Main Features

- 5 high-performance server motors to drive synchronously and precisely
- Equipped with high-end programmable controller, agile touch screen, bus control technology, etc., which improves the control accuracy and increases the reliability of the system
- High-precision laser long-distance distance measurement is used to monitor the data of the beams in real time to ensure a constant speed of beams
- It has perfect safety protection functions such as power failure, phase loss and gas loss
- Equipped with a high-precision spandex bobbin compensation function, it ensures that the yarn data between beams is consistent, and the residual yarn on the creel is equal, saving a lot of raw material costs for customers

