

## 技术描述 Technical Description

**高智能:** 全电脑集成化控制, 高速全变频9单元传动, 双浆槽浆纱机。

**高精度:** 采用Profibus通讯协议完成数据交换和检测与控制, 采用国际上目前先进的控制技术。

**高产量:** ①最高设计速度125m/min; ②控制系统的可靠性设计; ③1150kg/h干燥量的配置。

**高配置:** 主要配套件(变频器、PLC、电机+减速机、气动元件、关键轴承等)均采用国际上知名品牌, 当今世界上先进的技术。

**低能耗:** 变频控制系统更节电、PID温控及回率控制更省汽、高压上浆更省浆料。

**合理的工艺设计:** ①压浆辊侧向加压, 纱线垂直进入烘房, 各区张力控制合理。②双湿分绞装置使纱线毛羽伏贴。③工艺流程, 操作方便。④烘房中的分单元传动, 保证片纱的张力均匀一致。

**High intelligence:** Adopting PLC on-line test and control, double-sizing box and frequency motor 9 units driving.

**High precision:** Profibus communication agreement is adopted for the data exchange, detection and control, it adopts with the most advanced control technology in the world.

**High production:** ①125m/min of high speed. ②high precision control design. ③1150Kg/h of drying capacity of drying capacity.

**High configuration:** Inverter, PLC, computer, Low-voltage electrical components, motor+gear reducer, pneumatic components, key-bearings is adopted with international renowned.

**Low energy consumption:** The flexible frequency control system saves more energy, PID high precise temperature and moisture regain control saves more steam for drying, High pressure linear pressurization of squeezing roller gets more stable size pickup and saves more size agent.

**Reasonable process design:** ①The side pressurization of squeezing roller, yarn's entering the drying chamber vertically makes more reasonable and evenly tension in each area. ②Two wet splits device makes hairiness cling. ③readable size box structural design makes your operation more convenient and rapid. ④Multi-unit drive of drying chamber can guarantee the uniform tension of the yarn.

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# GA313型浆纱机

GA313 TYPE SIZING MACHINE

惠悦于民 · 恒达天下

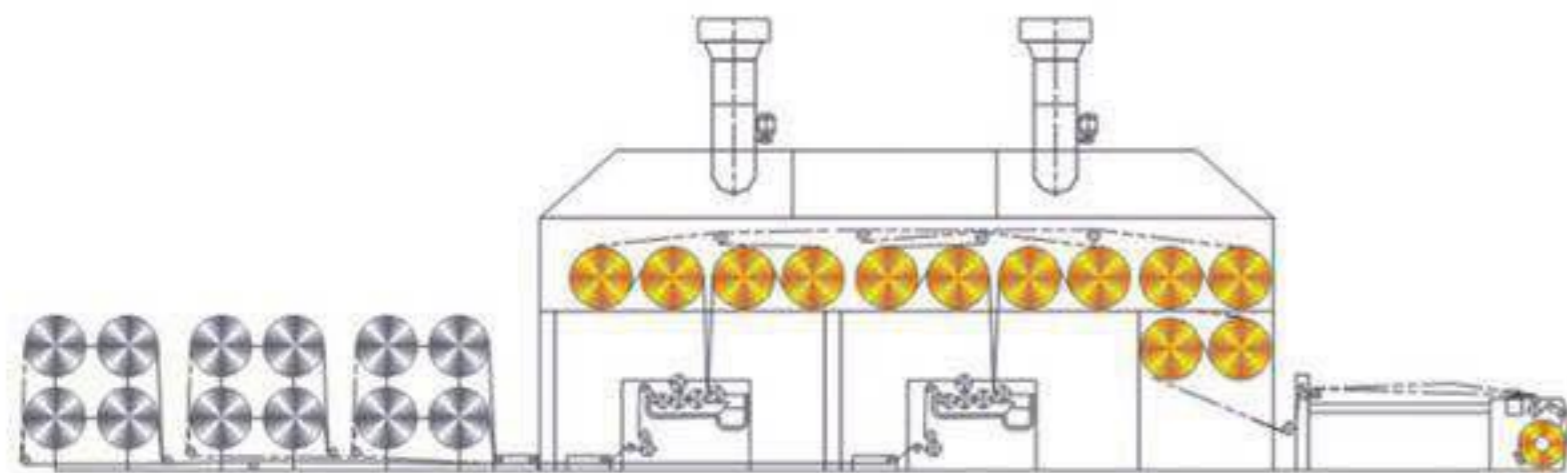


# GA313型浆纱机

## GA313 Type Sizing Machine

宽幅浆纱机的使用,可以有效降低高密品种经纱覆盖系数,利于提高经纱上浆质量,方便操作并提高生产效率。

Using sizing machine can reduce the covering coefficient, advance the warp sizing quality, and improve the productivity.



流程图 Flow Chart

### 主要技术参数表 Main Specifications

项目 Item	标准 Standard
适应品种范围 Suitable Varieties	GA313系列浆纱机: 经轴架、浆槽、烘房等单元工作幅宽达到2400mm。高档浆纱机以满足高支高密宽幅家纺产品的主要特征,适用于总经根数2500~24000根左右,经纱号数97tex~5tex(6°~120°)的棉、涤棉及化纤混纺短纤维织物的经纱上浆。 GA313 series sizing machine: Working width of the beam creel, sizing box and cylinder drier in GA313 series sizing machine reaches 2400mm. The machine is applied to high-count-density wide hometextile fabric. It is suitable for warp yarn sizing of pure cotton, chemical staple fiber and its blender with metric count 97tex~5tex(6°~120°) and total warp ends 2500~24000.
名义幅宽 Nominal width	300、360、400
速度 (m/min) Speed(m/min)	2~125
蜗牛速度 (m/min) Snail speed(m/min)	1
落轴速度 (m/min) Doffing speed(m/min)	0.5
织轴卷绕直径 (mm) Winding diameter of weaving beam(mm)	φ110-φ800或orφ1000
轴管长度 (mm) Length of beam tube(mm)	3250/3930/4330
最大卷绕张力 (N) Maximum winding tension(N)	7000
烘筒数量 Quantities of drying cylinder	12
烘筒幅宽(mm) Width of drying cylinder(mm)	1800或or 2000或or2400
浆槽工作幅宽(mm) Working width of sizing box(mm)	1800或or 2000或or2400
总功率 (KW) Total power(KW)	82
长×宽×高(M) L×W×H(m)	27×4.45×4.2 29×5.05×4.2 31×5.73×4.2

