

## 24 ST-203 Automatic Soft Twist, Scutching, Slitting And Squeezing Combination Machine

### 机械性能/Mechanical Performance:

- ◎ 自动松捻开幅剖布轧水机是为针织面料开发的一款机型。
- ◎ 工作原理：染色机出缸后的布先由小轧车绳状轧去一部分水，再由解捻机构自动解捻，后由展开纠边机构追边，再经高效轧车轧水后摆布落布。设备优点（可为企业解决、降低劳动强度，提高生产效率）
- ◎ This machine is mainly for knitted fabrics
- ◎ the cloth out of dyeing machine then go to small rope squeezer to squeezing part water, then automatically go to detwisting part, opening & edge correcting device, and then go to high-efficiency squeezer and swing and doffing the cloth. it can reduce labor intensity and improve production efficiency.

### 技术参数/Technical Parameters:

主机功率/ Power	17kw/h
空气压力/ Air pressure	≤5kg/cm <sup>3</sup>
门幅/ Working Width	2200mm-2500mm
外形尺寸/ Machine Dimensions	8m*3m*6.2m
整机材质/ Machine material	304 brushed stainless steel

- ◎ 省人——由一人操作整机自动化作业，前后一人即可。
- ◎ 省力——解捻纠边自动化，不需操作人员手动操作。
- ◎ 省时——脱水开幅工艺整合在一起省去脱水时间。
- ◎ 省地——由染色布出缸后直接开幅脱水，省去脱水带来的布车周转，大大减少了布车的使用量和空间的占用。
- ◎ 高效轧辊采用进口材质及先进工艺制作，轧液后布面含水率低于行业普通轧辊。
- ◎ 本机可根据客户要求，求自行选择剖布头。
- ◎ One person can operate the whole machine, which could saving labor
- ◎ Economize on manpower- detwisting and rectifying a deviation automatically, no need manual operation.
- ◎ We integrated the dewatering and opening process into one machine to saving operation time.
- ◎ Directly open and dewater the cloth after dyeing, it saving the time to use the cloth cart to transfer the dyeing cloth and save the space to put the carts.
- ◎ We imported the advanced material with our advanced technology for squeezing rollers, the moisture content of cloth after squeezing is lower than ordinary rolls.
- ◎ the slitting knife could choose by customer's requirements.



ST-203自动松捻开幅剖布轧水联合机

## ST-204 Automatic Detwisting, Slitting, Wool Scouring And Squeezing Combination Machine

### 使用范围/Application Scope:

- ◎ 自动松捻开幅剖布洗毛轧水机适用于针织、梭织、全棉、人棉、涤棉、罗马、花边、经编尼龙等面料染色后的剖布开幅轧水使用。整机一人操作，替代传统开幅机、脱水机、洗毛机。有效缩短后整理时间，提高效率，减少两名以上操作人员并降低劳动强度，从而降低印染企业经营成本。
- ◎ 剖布使用范围——针对针织圆筒布的剖布开幅使用，配置自动剖布装置，能高速剖布开幅洗毛轧水一体使用，替代手工剖布。
- ◎ 洗毛使用范围——针对针织全棉蚀毛、梭织全棉、人棉印花前洗毛，配置循环水式洗毛槽和布毛过滤器和高压喷淋使用，能有效去除布面布毛，自动过滤出布毛，并节约用水，本机水洗槽采用最新的布水分离设计，能更有效的洗净布面上的毛羽。
- ◎ 缝边订边使用范围——针对全棉、涤棉等针织梭织面料需要缝边及订边的开幅需求，开幅时配置自主设计《自动撑布装置》，可高速自动开幅使用，解决了缝边布和订边布不能高速自动开幅难题。
- ◎ 经编尼龙使用范围——针对经编尼龙织物特性，整机各传动部位在制作时按照SA3抛光等级制作，避免高支高密敏感面料在机器使用中产生勾丝现象。
- ◎ This machine is suitable for knitting, woven, cotton, artificial cotton, polyester, Lace, nylon. Etc. Fabric after dyeing for opening and squeezing. only need one worker to operate the machine, it can saving labors and improve working efficiency, reduce the labor cost.
- ◎ Application of slitting: For slitting and opening the circular fabric. it equipped high-speed automatic slitting device instead of manual slitting.
- ◎ Wool scouring application: The machine adopts the latest cloth water separation design, which can more effectively clean the cloth float wool. It specially for knitting cotton etched wool cloth and artificial cotton wool fabric before printing to wash. equipped with circulating water washing tank, cloth float wool filter and high pressure spray, it can effectively clean cloth float wool and Automatically filter out it and saving water.
- ◎ application for bound edge: with the automatic fabric width holder, the machine can bound cloth edge at high speed for knitted and woven fabrics, such as cotton, polyester, etc.
- ◎ Machine transmission parts adapt SA3 grade to polish, to anti snag for high density sensitive fabric running in machine.

### 技术参数/Technical Parameters:

主机功率/ Power	30kw/h
空气压力/ Air pressure	≤5kg/cm <sup>3</sup>
门幅/ Working Width	2200mm-2500mm
外形尺寸/ Machine Dimensions	10m*3m*6.2m
整机材质/ Machine material	304 brushed stainless steel
喷淋数量/ Number of sprays	8pcs spray pipe



ST-204自动松捻开幅剖布洗毛轧水机