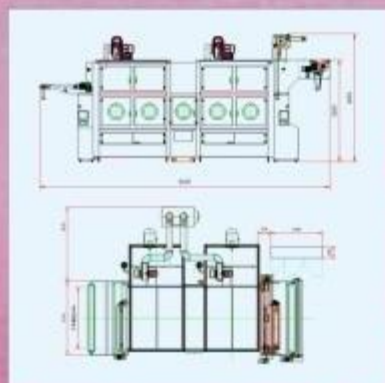




## SJ330 气流柔软拍打烘干机

SJ330 airflow beating soft drying machine

布局图 Layout plan



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# SJ330 气流柔软拍打烘干机

SJ330 airflow beating soft drying machine



品质 · 服务 · 创新 high quality, good service and innovation.

## 主要技术特征 Main technical features:

### 1、卓越的烘干能力 Great drying capacity

每仓配备一台55KW的高流量离心风机。它既保证了织物的高速运动，又保证了大量空气的运动。风机流量达40000m³的空气/小时，同样装机功率风机流量是传统风机的2到3倍。所以尽管该烘干非常紧凑，但烘干能力非常强。

Each chamber equipped with a 55KW high flow centrifugal fan. It not only ensures the high-speed movement of the fabric, but also ensures the movement of the huge mass of air. Fan flow up to 40000m³ of air/hour, the fan flow is 2-3 times of the traditional ventilator in the same installed power. So, although the structure of machine is compact, the drying capacity is very strong.

### 2、拍打系统 Beating system

织物在无张力下通过高压空气以及较高速度摔打在不锈钢栅格上，瞬间完成揉搓，膨化及撞击三步柔软作用，多次循环处理使织物获得特殊柔软整理效果。

The fabric beat the stainless-steel grid without tension, in the high-pressure air and high speed, the fabric finishes the soft process (rubbed, bulked and impact). Multiple continue processing make the fabric get the special soft finishing effect.

### 3、创新的风道设计，保证织物柔软和蓬松的品质

#### Innovative air duct design to ensure soft and fluffy fabric quality

往复式风道设计是确保织物烘干效果的心脏部件。织物在热风的吹动下从一侧向另一侧前进，当盛布斗布量达到设定值时，热风换向，织物在换向后的热风作用下向反方向行进，织物在风槽内前后往返运动，如此往复循环，增加了织物在烘房内的滞留时间得到，织物的烘干效果显著提高，热风对织物毛圈正反向吹动，使毛圈得以充分竖立，毛圈竖立角度最大可达70°方便后续的割绒处理，对于螺旋毛巾织物，不仅可增加毛圈的螺旋数，同时也可消除干燥过程中产生的纬斜现象。

Reciprocating air duct is the heart component to ensure the fabric drying effect. The fabric moves from one side to the other side driven by hot air. When the weight of the fabric storage reaches the set value, the hot air changes direction, the fabric will move back driven by hot air. In the processing, increase the time of the fabric in the drying room, the drying effect of fabric is improved. The pile loop blowing by hot air in positive and reverse direction, the loop can be fully, the maximum vertical angle could reach 70° to facilitate pile cutting process, for the spiral towel fabric, it could increase the spiral number of the pile loop and eliminate the weft skew in drying process.

### 4、烘干过程中，织物无张力 In the drying process, the fabric without tension

织物在储布栏内储布量可根据工艺要求设定，每个储布栏有称重传感器检测布斗内的布量，通过PLC和触摸屏控制储布量的大小，当检测到布斗内布量即将为零时，换向电机驱动及时换向，避免了因布斗内没有织物而带来的织物拉长。

The weight of fabric in the cloth storages can be set according to the process requirements, each storage has a weighting sensor to detect the cloth in the trough. Through PLC and touch screen to control the weight of fabric storage, when the fabric in the storage trough is zero or less than the set value, the reversing motor drive reversing timely, avoid the fabric lengthening caused no fabric in the storage trough.

### 5、热风循环充分，浮尘、毛绒清理彻底

#### Full circulation of hot air, dust and lint clean thoroughly

SJ330烘干机中配备了一套独特的自动吸附装置，利用一条连续运转过滤网带，在主风机的吸力下，将漂浮在空气中的浮尘及毛绒吸附在过滤网带的表面，滤网上方设置一个吸毛咀，利用专用吸毛风机，吸走滤网表面的浮尘及毛绒，整个过程自动完成，节省了人力，保证滤网表面实现实时清理，烘房内的空气得到了净化，干燥后的织物表面给人以清新爽洁的感觉。烘房内的气流循环效果好，干燥效率得以大大提高。

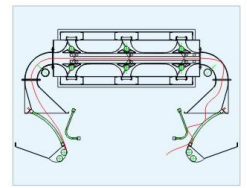
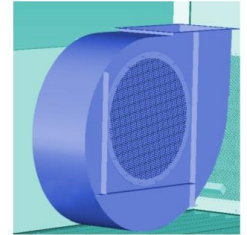
SJ330 soft drying machine equipped with a individual automatic dust collect device, using a continuous running filter net belt, the floating dust and lint in the air are adsorbed on the surface of the filter net belt by the main fan suction. Set up a suction nozzle on the top of filter screen, absorb the dust and lint. The whole process completed automatically, saving the manpower, ensure the real-time cleaning of the filter, the air in the drying room is clean-up, the fabric surface feels clean after drying. The air circulation effect in the drying room is good, the drying efficiency can be greatly improved.

### 6、展幅纠偏装置确保出布齐整

#### Expand and centering device ensure the fabric delivery uniform

出布架由一对旋转扩幅辊，和铝滑条对中组机，落布、摆布构成，通过光电管检测，气缸推动铝滑条完成自动纠偏，从而实现织物的自动扩幅与纠偏。经扩幅纠偏后的织物由出布导，然后落至存布斗叠布、出布，织物折叠整齐，扩幅充分。

Horizontal moving centering device with fabric selvedge expander to guarantee the best fabric delivery.



## 应用领域 Application field

SJ330气流柔软拍打烘干机是一款专业的后整理设备，主要是通过气流对面料的物理作用来获得所需的特殊效果，增加面料的柔软度，蓬松性，尺寸稳定性及视觉效果，从而提高面料的品质。处理过程中不会使织物产生摩擦和折痕或效果不均匀的现象。该机是通过纯气流的动力，使面料与不锈钢栅栏进行不断撞击来获得特殊的处理效果。

适用于处理：毛巾织物、雪尼尔面料、平纹织物、天鹅绒面料、牛仔布及其他需要保证尺寸稳定手感柔软的机织物。

SJ330 airflow beating soft drying machine is a professional finishing & drying equipment, through the physical effect of airflow on the fabric to obtain the required special effects. It could increase the softness, fluffy, dimensional stability and visual effects of the fabric, thereby improving the quality of the fabric. In the process, the fabric will without friction, crease mark or effect uneven. The machine is driven by pure air flow, the fabric will continue beat the stainless-steel grid to obtain special finishing effect.

Suitable for: towel fabric, chenille fabric, plain fabric, swan velvet fabric, denim fabric and other woven fabric which need to ensure stable size or soft feel.

## 设备技术参数 Technical parameters

型号 Model	SJ330-2600-2仓 (chamber)
规格 Dimensions	长(L) 9110mm × 宽(W) 6660mm × 高(H) 4060mm
工作幅宽 Working width	2600mm
机械速度 Mechanical speed	0-30米/分 (M/min)
加热方式 Heating mode	蒸汽加热 steam heating
蒸汽压力 Steam pressure	8bar
过热蒸汽流量 Superheated steam flow	400KG/小时 (kg/h)
主风机最大风量 Maximum air volume of main fan	30000立方米/小时 (m³/h)
织物输送风道风速 Wind speed of fabric conveying duct	2000米/小时 (m/h)-120kph
压缩空气压力 Compressed air pressure	6bar
操作方向 Operation direction	右手 right hand
总重 Total weight	18吨 (tons)
总功率 Total power	130kW