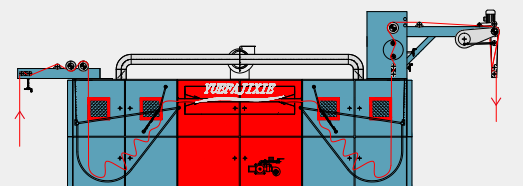
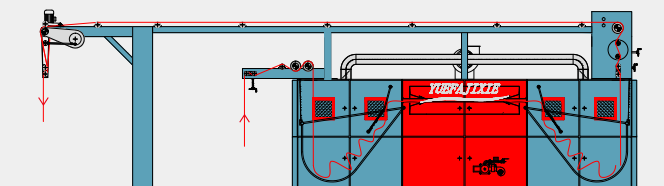


※ 工艺流程图 Machine Flow Chart

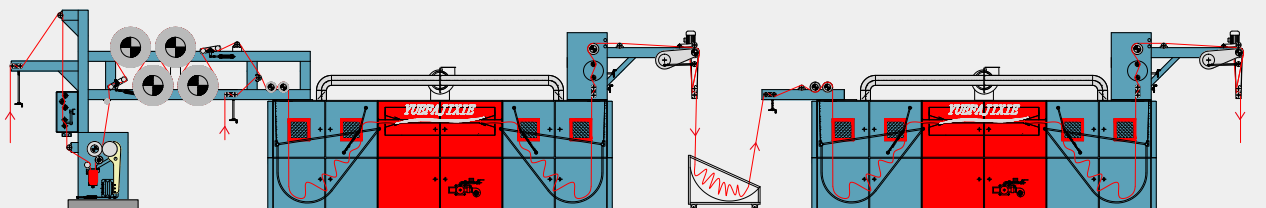
L×H:10000×3550mm



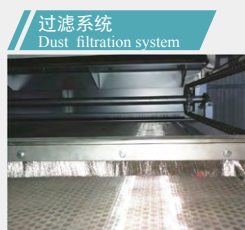
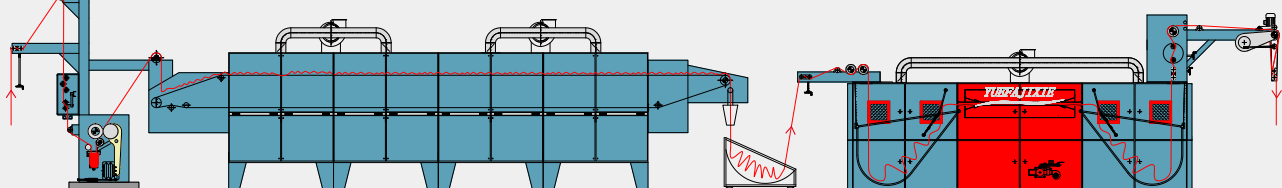
L×H:13000×3550mm



L×H:25000×4000mm



L×H:25500×4000mm



江阴月发印染机械有限公司

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产品介绍
Product Introduction

同类耗能最低



平幅连续式气流柔软机

拍打机 空气洗

Open Width Airflow Softening Drying Machine



专利号 Patent: CN201510167387.4

江阴月发印染机械有限公司

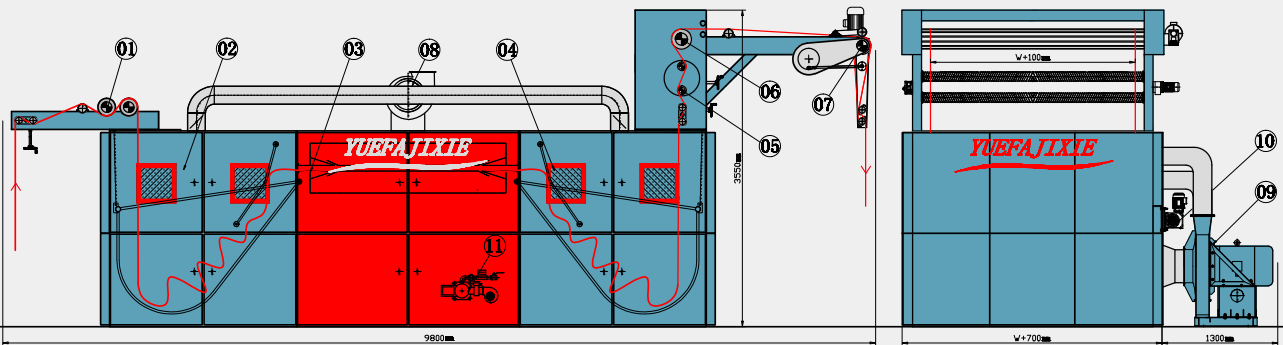
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※ 工作原理 Working Principle

该机通过特制的气流风道和高效离心风机产生高速气流带动织物往返运动，与栅格反复撞击，使织物被气流冲出风道时能释放出累积的动能。织物受益于撞击中产生的机械作用力，能获得良好的质感，手感更蓬松。使之不需要施加化学助剂即可达到柔软、蓬松、烘干、预缩、摇粒的效果。

The machine uses a special airflow duct and a high-efficiency centrifugal fan to generate high-speed airflow to drive the fabric to reciprocate, repeatedly striking with the special grid, so that the fabric can release the accumulated kinetic energy when it is flushed out of the air duct. The fabric benefits from the mechanical force generated during the impact, can obtain a good texture, and feels more loose. It can be soft, fluffy, dried, pre-shrunked, and shaken without applying chemical additives.

※ 设备介绍 Machine Introduction



- ① 进布装置 Into the fabric equipment

② 前储布箱 Front fabric storage device

③ 中间主箱体 Intermediate main body device

④ 后储布箱 Rear fabric storage device

⑤ 双扩幅装置 Fabric unrolling roller

⑥ 光电对中装置 Photoelectric correction device
- ⑦ 出布折叠装置 Fabric folding device

⑧ 抽湿风机 Humidity suction centrifugal fan

⑨ 主循环风机 Main cycle centrifugal fan

⑩ 自动除尘装置 Automatic dust removal device

⑪ 燃烧器（选装） Flame burner (Select installation)

※ 设备参数 Machine Features

机械车速	Machine speed	60m/min
工作幅宽	Working width	1800~3600mm
加热方式	Heating method	蒸汽 Steam、天然气 Natural gas、导热油 Heat transfer oil
加热温度	Heating temperature	130℃蒸汽 Steam、170℃天然气 / 导热油 Natural gas or heat transfer oil
实际耗电量	Power consumption	65kw.h
蒸汽耗量	Steam consumption	100-120Kg/h
天然气耗量	Natural gas consumption	8-10nm³/h

※ 适用面料 Suitable Fabric

- 天然纤维（棉花、亚麻、苕麻、黄麻、丝绸、羊毛、混合纤维等）
- 人造纤维（粘胶、铜氨纤维、丽赛纤维、锦纶、天丝、莱赛尔、莫代尔等）
- 合成纤维（涤纶超细、尼龙、晴纶、PP、PU、PVC 等人造革类）
- 各类针织物、机织物、植绒及无纺布
 - Natural fiber (Cotton, Linen, Ramie, Jute, Silk, Wool, Mixed fiber, etc.)
 - Man-made fibers (Viscose, Copper ammonia fiber, Lisai fiber, Chinlon, Tencel, Lyocell, Modal, etc.)
 - Synthetic fiber (Polyester, Nylon, Acrylic, PP, PU, PVC, etc.)
 - All kinds of knitting, Weaving, Flocking and Non-woven fabrics

※ 工艺效果 Process Effect

- 柔软、蓬松、悬垂、尺寸稳定；
- 增加织物弹性、抗褶皱；
- 可去除布面毛绒、粉尘；
- 对氨纶面料，可起到预缩、烘干作用；
- 用于针织面料可替代洗毛机、烘干机，并起到预缩效果。
 - Soft, fluffy, drape, dimensional stability;
 - Increase fabric elasticity and wrinkle resistance;
 - It can remove the hairiness and dust of the cloth surface;
 - For spandex fabric, it can play the role of pre-shrinking and drying;
 - It can be used as a knitted fabric to replace the washing machine and dryer, and it can play a pre-shrinking effect.

※ 能耗优势 Energy Consumption Advantage

	月发公司产品耗能 YUEFA company	同类型产品耗能 Other company
耗蒸汽量 Steam consumption	100-120Kg/h	700-800Kg/h
耗天然气量 Natural gas consumption	8-10nm³/h	60-70nm³/h
耗导热油量 Heat transfer oil consumption	6-8m³/h	30-40m³/h
装机功率 Installed capacity	96KW	126KW
除尘装置 Dust removal device	内置式，无热能损耗（热风内部循环、滤网过滤除尘、毛刷自动清理） Built-in type, no heat loss (hot air internal circulation, filter filter dust removal, brush automatic cleaning)	外置式，热能损耗巨大（热风一次性使用后，被排出箱外过滤除尘） External type, the heat energy loss is huge (the hot air is filtered out and dusted out of the box after being used once)

综上所述：
① 耗电量：比同类型设备每小时节省近 30 度电，按每天 20 小时计算，每天可节省 600 度电。
② 蒸汽加热，比同类型设备每小时节省 700kg 蒸汽，按每天 20 小时计算，每天可节省 14 吨蒸汽。
③ 天然气加热，比同类型设备每小时节省 50nm³ 天然气，按每天 20 小时计算，每天可节省 1000nm³ 天然气。

To sum up: ① YUEFA company's equipment saves 30 kWh per hour compared to other similar equipment, and saves 600 kWh per day by 20 hours per day. ② If the steam is heated, the YUEFA company's equipment saves 700kg per hour compared to other similar equipment. By 20 hours per day, it can save 14 tons of steam per day. ③ If the natural gas is heated, the YUEFA company's equipment saves 50 nm³per hour compared to other similar equipment. By 20 hours per day, it can save 1000 nm³ of natural gas per day.