

聚氨酯保温板 生产线

Polyurethane insulation board production line



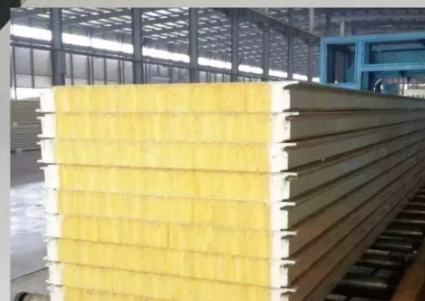


聚氨酯 \ 岩棉夹芯板生产线

PU\PIR ROCK WOOL Sandwich panel production line

海路丰公司致力于高端高效夹芯板生产线的研发与制造，在效率、自动控制水平，人机交互，环境保护及能源耗费方面都全面领先。在某些重大技术领域进行了颠覆性的设计，使整条生产线的性价比和用户体验都十分卓越。采用系统集成与总线控制技术，实现整条生产线的全自动集成联动控制，并可实现远程交互通讯，具有国际一流水平，是目前市场中全面领先的高性能生产线。

Dedicated to the research and development of high-end and high-efficiency sandwich panel production lines, HRF Co. is comprehensively taking the leading position in terms of efficiency, automation control level, HMI, environment protection and energy consumption, with subversive designs made in some critical technological fields to procure exceptional cost performance and customer-friendly experience for the entire production line. The adoption of system integration technology and bus control technology accomplishes the full automatization of integrated and coordinated control of the entire production line with accessible remote interactive communication. Ranking the first-class level in the world, it is currently the production line in the market taking a comprehensive lead in high performance.





海路丰公司研发的高端保温板生产线为您提供高效的产业价值,我们的生产效率至少是同类产品的2倍以上,拥有国内外产品中最高的超值性价比。此条生产线能生产多品种多规格的保温夹心板材,包括聚氨酯夹芯板、岩棉夹芯板(聚氨酯封边),主要用于屋面夹芯板、墙面夹芯板和冷库板,厚度和宽度均可在设定范围内调整。

生产线生产的板材规格高度可以无极调整,采用伺服控制系统精密机械机构可以在一分钟内迅速调整板材的厚度,无需任何人力干预。

选用最高端的配置,确保整条生产线的综合品质可靠安全,关键部件全部选用进口产品或国内外一流产品,履行我们的高端品牌路线,塑造海路丰品质,以质量传播我们的品牌。

全力解决系统集中控制,采用工艺集中控制思路,机组所有动作部件的控制系统整合在一个工艺操控台,远距离通讯,提高自动化水平,降低流水线配置人员数量。

外观新颖整洁,流线型设计,涂装质量讲究,色调悦目大方。体现海路丰企业色调,践行品牌理念。

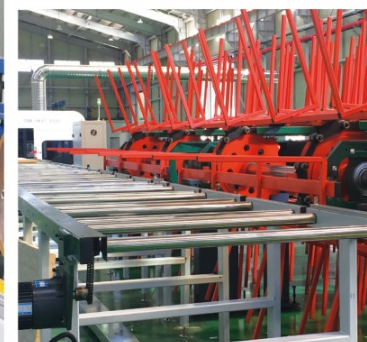
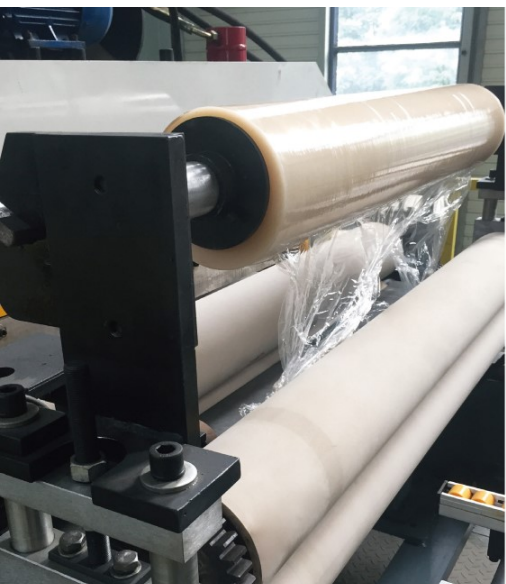
HRF's high-end insulation panel production line provides you with high-efficient industrial value. Our production efficiency is twice that of similar lines, boasting the most cost-effective among the similar products within and without the country. This production line can produce multi-species and multi-specification insulation sandwich panels, including PU sandwich panels and rock wool sandwich panels (PU edge-banded), mainly used as roof sandwich panels, wall sandwich panels and cool room sandwich panels. Their thickness and width can be set at the adjustable range.

The height in the specifications of the panel can be freely adjusted in the production line. The utilization of the servo control system and pneumatic mechanism makes it possible to quickly adjust the panel thickness within a minute without human intervention.

The most cutting-edge configuration ensures the safe and reliable quality of the whole production line. All the key parts are chosen either from imported products or from first-grade brands at home and abroad to implement our concept of building high-end brand, create HRF's signature quality, and publicize our brand in virtue of quality.


Concentrated system control is fully realized in the practice of concentrated process control so that the control system of all the movements of the parts in the line is integrated in one process control console with accessible remote communication to elevate the automation and reduce the allocated number of personnel for the assembly line.

The novel and tidy appearance in streamline design is coupled with delicate coating and elegant hues to showcase HRF's key business tone and materialize our brand philosophy.



一流的配套和工艺，使我们的产品具有高度可靠性和恒久品质

First-rate matching and process, Make our products highly reliable and permanent



软面保温板生产线可以生产聚氨酯和酚醛保温板，包括水泥基布、牛皮纸、无纺布、铝箔、以及裸面层保温板，广泛应用于建筑、装饰、管道通风、以及地下铁路等多种应用场合，是一种高效多适应性的生产线

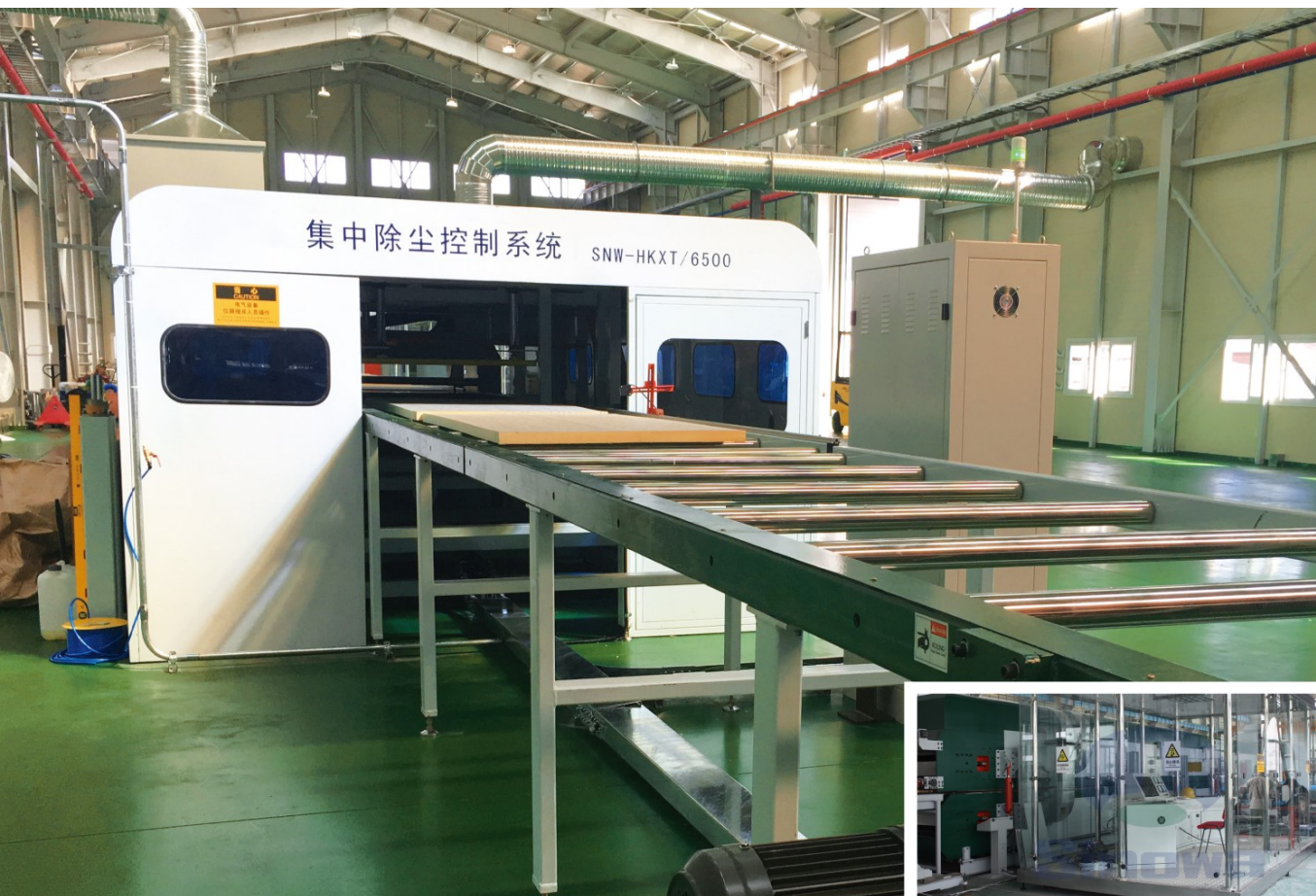


聚氨酯 \ 酚醛软面板生产线

PU\PIR PF Sandwich panel Production Lines

我们软面保温板工业生产线可以连续高效地生产高品质的聚氨酯和酚醛保温板，我们不遗余力地努力提升产品的质量和技术的可靠性，尽最大可能选择最高端，最可靠，最一流的配套和工艺，以使我们的产品具有高度的可靠性和恒久品质，因此我们的软面保温板生产线具有许多完美品质，在设计理念，制造方式和服务水平等方面超越同行，追求卓越和领先，并且持续不断改进产品和服务是海路丰企业产品路线的核心理念，也是我们为客户创造便利和高效的核心价值观。

The production line of our soft layer insulation panels is able to continuously and efficiently produce high-quality PU and PF insulation panels. We spare no efforts to improve our product quality and technological reliability by employing the most cutting-edge and the most reliable support and processes to make our products highly reliable and enduring. As a result, the production line of our soft layer insulation panels is highlighted by many perfect qualities. It is the core idea in HRF Co. product roadmap to surpass our competitors in terms of design philosophy, manufacture methods and service level, going for excellence and leading position and making constant improvement on our products and services, which is also our core value system to create efficiency and convenience for our customers.



整条生产线外观协调统一，色彩搭配合理悦目，整洁大方，涂装优异。面漆全部采用进口涂料烤漆处理，附着性能良好，色彩保持性好。

创新的设计和完备的制造过程控制使得我们的产品生产效率得到很大提升，出板速度至少是同类产品的 2 倍以上，性价比远远超越。

中化保温板工业生产线具有十分优秀的节能性能，在整条生产线的能耗高点采用相应措施大力降低能耗水平，如在层压输送机机体外覆盖保温板材，采用合理结构，既不破坏整体外观，又大大增加了温保性能。整体流水线经过不断地优化改进，各种动力功率显著降低，我们的层压输送的电机功率只有 3.0kw，是同类水平的 50% 左右，综合结算，整条工业流水线的能耗相当于市场同类水平的 20% 甚至更低。

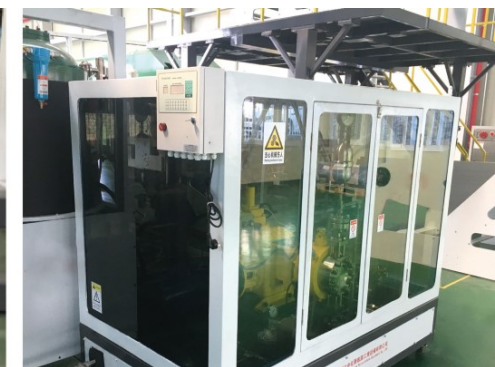
得益于我们优秀的设计和品质控制，使得中化工业生产线无论在噪声、油污、渗漏等方面，更主要的粉尘污染方面等都得到大力优化，特别是在切割粉尘回收方面我们取得的成就大大领先。一是采用大功率工业除尘系统集中吸储粉尘，二是在产生粉尘的工序设计可视化的防护室，将粉尘彻底与环境隔绝，从根本上解决了生产环境的粉尘污染，也大幅降低了切割噪音，尽最大可能保证员工的身心健康愉悦。

The appearance of the entire production line is coherent and consistent, with colors reasonably and pleasantly matched to show neatness and elegance in excellent coating. The finishing coat is baked and processed from imported stoving varnish, with good adhesive properties and color retainability.

The innovative design and perfect process control has greatly increased our product's production efficiency. The delivery speed is more than twice that of similar products and the cost performance is far beyond theirs.

HRF's industrial production line of insulation panels is distinguished by its impressive performance of energy conservation. In each high point of energy consumption throughout the entire production line are implemented corresponding measures to considerably lower the consumption level. For example, the body of the lamination belt conveyer is covered with insulation panels in very reasonable structures, which doesn't blemish the overall outlook but greatly increases the insulation performance. The entire assembly line is constantly optimized and improved so that the consumption of each power source is significantly reduced. The motor power of our lamination conveying system is only 3.0 kw, about 50% less than those of the same kind. All in all, the energy consumption of the whole industrial assembly line equals 40% or even less of the equivalent lines in the market.

Thanks to our good design and strict quality control, the industrial production line provided by HRF is optimized in terms of the noise, oil contamination, leakage and, most importantly of all, in dust pollution. The achievements that we have made particularly in the recycle of cutting dust are quite impressive and front-leading in the fact that, first of all, we make use of high-power industrial dust removing systems to concentrate the dust for collection and storage and, secondly, a visible protection chamber is especially designed in those processes that produce dust so as to thoroughly isolate the dust from the surrounding, eliminating the dust pollution in the production environment, and solve the problem from the very root, with the employee's physical and mental health greatly assured.



多组分聚氨酯高压发泡机

Muti-components pu pentane high pressure foaming machine

海路丰开发的高性能高可靠性 SNW-HCG/3-9 系列多组分聚氨酯戊烷高压发泡机是公司技术领先中国同行的代表性产品，是具有完全自主知识产权的创新性核心技术，性价比卓越。

整个戊烷的输料和与其他组分的混料系统全部在高压环境下实现，使得系统组分的混合效果超级完美，性价比超越国内外产品！

我们采用特殊的进口高压计量泵单元进行环戊烷的输送，该系列泵不会产生静电和机械摩擦，可以保证易燃易爆气体的输送安全。

经过精密设计的进料回路和出料回路可以完美保证输料管路的压力稳定可靠，从而为混料系统的压力稳定提供完美保证。

各种系列进口高可靠阀组及高精密度流量控制和计量单元的组合使用，使得整个系统精确可靠。

采用高可靠的戊烷安防及报警及抽风系统，整个环戊烷输送部件全部封闭在一个特质的钢化玻璃空间内，既美观大方也使得整个多组分机器的安全性能更加可靠，值得信赖。

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