Panel Repair Station R5

通过整合现有过程的新产能，最大限度提高生产力

板材修补工作台 R5 - 适用于新的和现有的过程

劳特板材修补工作台 R5（已获得专利）是在工厂开始工业板材修补或为现有过程增加新产能的最佳解决方案。由于板材修补工作台 R5 适合安装在与传统手动修补单元相同的空间，且不需要地基，因此，通过简单的投资即可实现这一优势。通过直接修补在堆垛最顶层的板材，达到节省空间的目的。

使用劳特板材修补工作台 R5 修补板材的过程，大大缩减了工时和修补材料，成本效益高。这些节约可以通过市场上最现代的检测仪技术来实现，这些技术可以优化填充材料的使用。

板材修补工作台 R5 为工厂的材料流动带来了灵活性，因为您可以使用您选择的填充材料修补已裁边和未裁边的板材。

板材修补工作台 R5 可以真正节省劳动力，因为一名操作工可以同时应付两个工作台。

主要优势

只占 8X10 米的平地空间

一名操作工可以同时应付两个工作台

比传统修补方法少使用 20% 的修补材料

快速安装 - 从交货之日起两周内即可投入运行

统一的生产质量符合所有主要标准


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图像和视频

VIDEO

VIDEO

RAUTE

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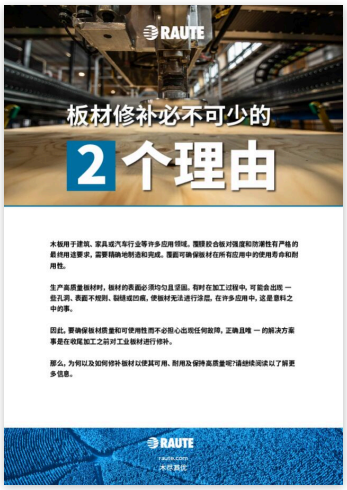

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技术规格

生产线上的操作工	1
所需的最小占地空间（米）	8x10
板材厚度(毫米)	3 - 40
板材尺寸变化（英尺）	4x8 - 5x10, 8x13
修补方法	槽刨机和面板或腻子
最高产能（面板/分钟）	5

板面修补

Panel repairing means fixing defects after the panel has been made. Repairing on the panel is done because some of the defects cannot be repaired before the panel is formed. By repairing these defects the end quality of the panel is higher and that means better recovery with more valuable production for the whole mill.

Repairing is the last manual heavy process in the plywood production. It is hard to get people to do manual repairing as it is very unergonomic and difficult to make consistently according the quality rules. By automating the repair process it is possible to reduce work related injuries and sick leaves.

New Solutions for Panel repairing

Raute has developed two new solutions for panel repairing which are based on the recent improvements in machine vision analysing capabilities and high speed motion control. These improvements result in breakthrough in capacity, quality and reduces the usage of repairing material. Both of these two solutions make uniform quality on 24/7 basis.

Panel Repair Station R5 is the compact solution for starting the automated repairing or adding capacity with an easy investment. Station fits into the same space as the traditional manual repair cell would and it doesn't require special foundations.

Panel Repairing Line R7 brings uncompromised capacity for most demanding needs. Line can handle trimmed and untrimmed panels and repairs them on the move. Typically whole mill production is run through this line.

Development in repair materials

One component putty has taken major development steps recently as repair material. Chemical and mechanical properties suit better for repairing with overlaying.

On many applications one component putty replaces two component materials. This means ease of use and material savings in production.