

Rebuilding Pulper Rotors for Optimum Performance

升级改造碎浆机转子 最优化制浆系统性能



Get the most from your pulper rotor investment - rebuilt to peak performance by industry experts.

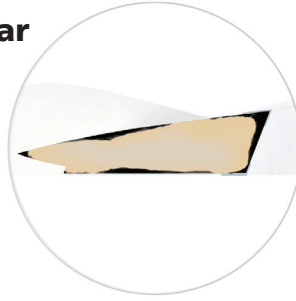
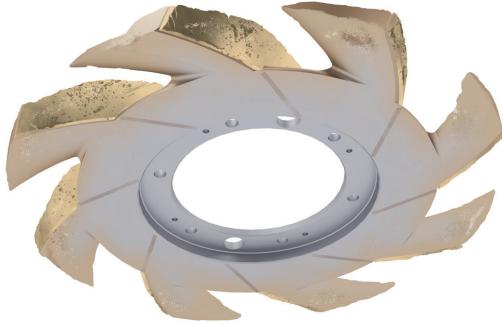
从您碎浆机系统转子投资获得最大收益，凯登专家帮助您获得制浆系统最佳性能。

Rotor Rebuild Basics

升级改造 转子基础

第一步：评估转子损坏与磨损状况

Step 1: Assess damage and wear

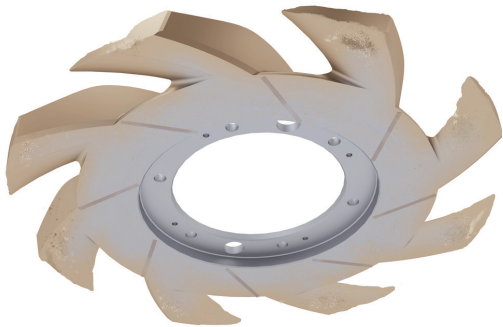


凯登工程师和机械专家 **仔细检查** 转子损坏部位与程度和维护具体范围。

Each rotor is **carefully inspected** by our engineers and mechanical experts to identify damage and the exact scope of the repair.

第二步：清理转子损坏部位

Step 2: Remove damage

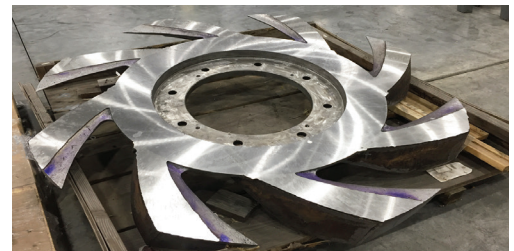
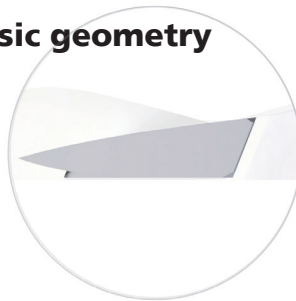
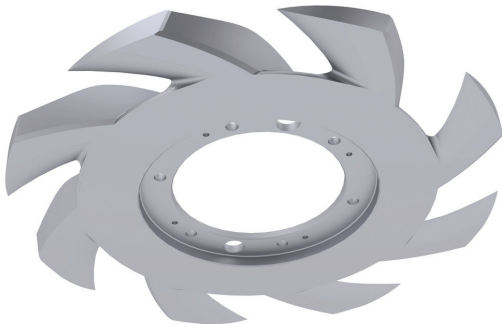


凯登专家清理转子损坏部位，并修整转子表面，以便升级改造。

The damage is removed and the surface **prepared for reconstruction**.

第三步：维修并优化转子的几何形状

Step 3: Repair and optimize basic geometry

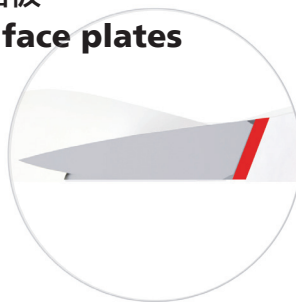


根据您具体制浆应用，凯登采用行业领先技术，将转子维修至最佳符合流体动力学几何形状。

Rotors are rebuilt to an **optimized hydrodynamic geometry** based upon your application and the latest industry-leading Kadant performance innovations.

第四步：安装新 KFC Armor 迎浆面板

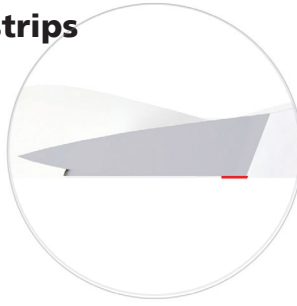
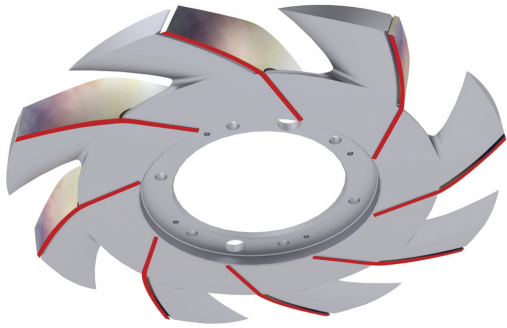
Step 4: Mount new KFC Armor face plates



焊接至转子的新 KFC 迎浆面板 抗磨耐久。

New face plates are fabricated from durable, wear-resistant **KFC Armor** and welded onto the rotor.

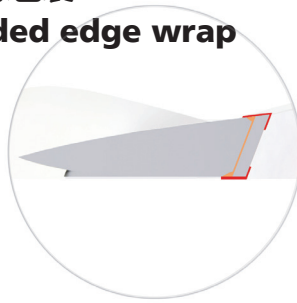
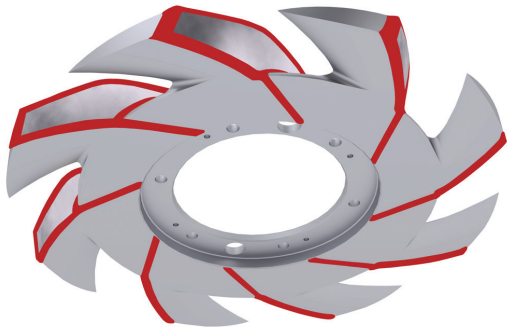
第五步：安装硬质焊接耐磨条
Step 5: Add hard-welded wear strips



在槽体底部和转子边缘的底部安装 KFC 51 硬质焊接耐磨条。

KFC 51 Hard Weld wear strips are added along the bottom of the rotor's leading edge and back towards the hub.

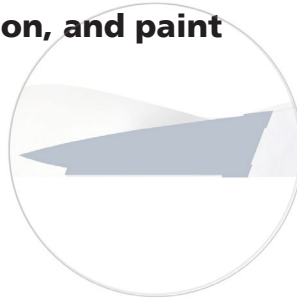
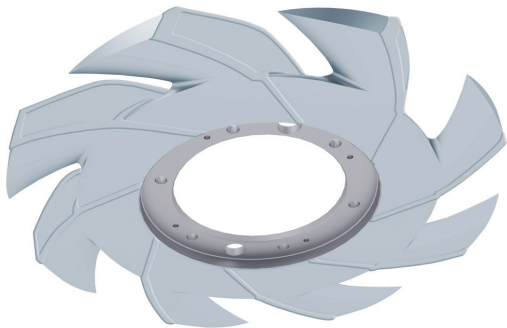
第六步：安装整个旋翼和硬质焊接边缘包裹
Step 6: Add full-vane, hard-welded edge wrap



此外，所有的转子旋翼边缘将被安装 KFC 51 硬质焊接。

Additionally, all leading edges of the rotor vanes are wrapped with **KFC 51 Hard Weld**.

第七步：平衡，质量检测，和喷漆
Step 7: Balance, quality inspection, and paint



随后转子被系统平衡，凯登专家仔细检查质量，以保证系统达最佳性能，随后喷漆包装及运输。

The rotors are then fully balanced and carefully **quality inspected** to ensure peak performance. They are then painted and packed for shipping.

作为世界上转子安装量最大的厂家之一，凯登拥有改进任何厂家转子性能的经验 and 专业知识。凯登工程师、制造和应用专家团队根据每个转子的应用、原材料、以往的性能和实际运行环境对转子进行改造。凯登升级转子材料和几何结构，采用最新的设计和使用经验，以延长转子使用寿命，为您的应用提供最佳性能的转子。

With one of the world's largest install bases of rotors, Kadant has the experience and expertise to improve any rotor, regardless of manufacturer. Our team of engineers, manufacturing and application experts review each rotor rebuild in conjunction with its application, raw material, past performance, and exact operating conditions. We update the materials and geometry to provide long life and the best rotor for your application using the very latest design and construction practices.

碎浆系统转子采用
高性能材料和最佳几何形状
可用于各个品牌的碎浆系统
让您的制浆系统性能更佳

Better-than-before,
high-performance
materials and geometry for
any pulper rotor

凯登 – 您最可靠的合作伙伴 A Trusted Partner

浆料制备系统是凯登核心业务，我们精通制浆设备产业，包括设备、流程，和您遇到的各种挑战。凯登拥有极高的专业技能和各种专业方法，用来评估您的制浆生产线效率。我们团队可以帮助您监控，维持和升级您现有的制浆生产线，提供过程控制改进措施，配件更换，系统翻新重建等各类综合服务方案。

Stock preparation is in our blood. We know this industry like few others – your equipment, your processes, and your challenges. We have the know-how and tools to elevate the efficiency of your production. Our team can help monitor, maintain, and upgrade your line, providing process improvements, replacement parts, rebuilds, and comprehensive maintenance plans.

凯登精通如何保证您的投资具有可竞争性，如何延长您的制浆生产线的生命周期。为了达到这个目的，凯登提供：

We understand what it takes to remain competitive, protect your investment, and extend the life of your stock preparation assets. To that goal, we offer:

- 现场服务、检查和审查
- Field services, inspections, and audits
- 翻新和重建
- Rebuilds and retrofits
- 设备升级现代化
- Upgrades and modernizations
- 维修和服务合同
- Maintenance and service contracts
- 过程控制解决方案
- Process control solutions
- 备件升级和配件
- Replacement upgrades and spare parts

凯登帮助客户拥有最先进的制浆生产线 Expertise to Empower You

凯登团队随时帮助客户选择正确的方案，满足客户特殊的需求。Our team is there for you at every step. We help you select the right options to best meet your specific needs.

凯登几代专家经验与创新精神，在全球制浆领域取得了成功。凯登技术、工艺工程师、应用专家、制造和现场服务团队，已帮助客户成功安装并运行了数千条制浆生产线设备。

We have generations of experience, a history of innovation, and a proven record of success across the globe. Our skilled engineers, process professionals, application experts, manufacturing, and field service teams have thousands of successful installations to their credit.

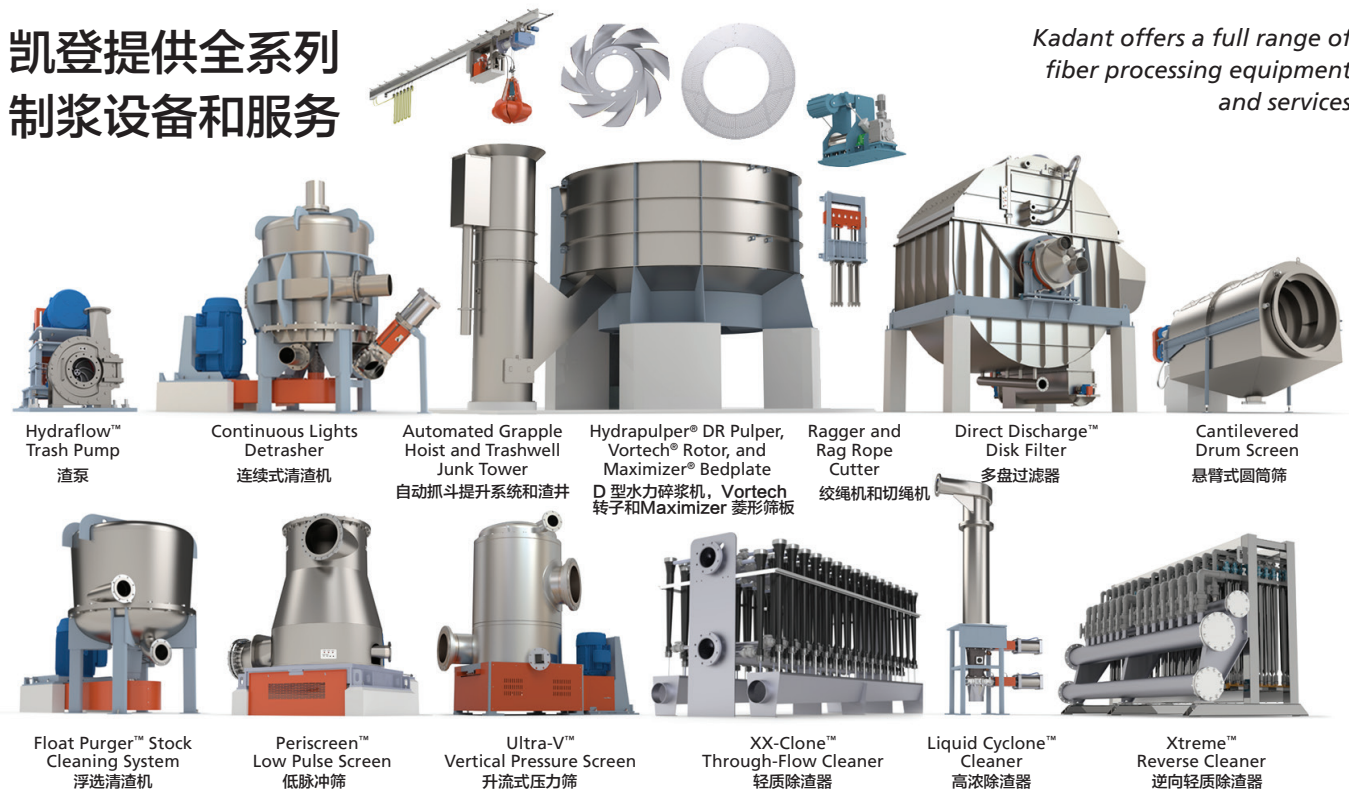
凯登帮助客户在行业内领跑 Get You Running, Keep You Running

凯登技术服务和支持团队随时准备为客户提供优质服务，为客户制浆生产线系统规划、设计、工程、安装和开机提供卓越指导。凯登产品和专业知识涵盖备浆和制浆所有设备，包括：Our technical service and support teams are ready. We provide superior guidance in the planning, design, engineering, installations, and start-up of your systems. Our products and expertise cover the full range of stock preparation and pulping, including:

- | | |
|---------------------|--------------------------------|
| • Pulping 碎解 | • Refining&dispersing 磨浆机和分散系统 |
| • Screening 筛选 | • Reject handling 去尾渣处理系统 |
| • Cleaning 净化 | • Recovery systems 回收系统 |
| • Thickening 浓缩 | • Heat transfer 热交换器 |
| • Deinking 脱墨 | • Pulp washing 纸浆清洗系统 |
| • Detrashing 杂质清除系统 | • Reausticizing 苛化器 |

凯登提供全系列 制浆设备和服务

*Kadant offers a full range of
fiber processing equipment
and services*



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Kadant is a global supplier of high-value, critical components and engineered systems used in process industries worldwide.

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07/2019