

## Rubber-Lagged Pulley 铸胶滚筒

## > > Features 特点

1: High Friction & Anti-Slippage: The rubber lagging surface increases friction coefficient by 30%-50% compared to bare steel pulleys, ensuring efficient power transmission and eliminating belt slippage.

2: Exceptional Wear Resistance: Hot vulcanization process combined with high-hardness rubber provides a wear-resistant layer with 5-10 year lifespan, capable of withstanding impact from sharp materials like ore and coke.

3: Wide Environmental Adaptability: Available in oil-resistant, hightemperature resistant, or anti-static formulations to suit extreme operating conditions (e.g., chemical plants, open-pit mines) - specifically designed for industrial conveying systems in international trade applications.

1: 高摩擦防打滑:表面包胶摩擦系数较光面滚筒提升30%-50%,有效传递动力, 杜绝皮带打滑。

2:卓越耐磨性:热硫化工艺结合高硬度橡胶,耐磨层寿命5-10年,耐受矿石、焦炭等尖锐物料冲击。

3:环境适应性广:可选耐油,耐高温或防静电配方,适配极端工况(如化工厂、 露天矿场)。



This series of Rubber Lagged Pulley is a key conveying component that enhances friction, wear resistance, and impact resistance by coating a rubber layer on the surface of a metal drum. It is widely used in mines, ports, logistics, and industrial production lines. The casting roller can significantly extend the life of the conveyor belt (30% -50%), reduce the risk of slipping, and is an ideal solution for heavy-duty, humid, and high wear scenarios. Realize 10-year maintenance free operation in heavy-duty scenarios such as coal mines, ports, and metallurgy, reducing comprehensive operation and maintenance costs by 60%.

本系列铸胶滚筒(Rubber Lagged Pulley)是通过在金属滚筒表面包覆橡胶层以 增强摩擦、耐磨及抗冲击性能的关键输送部件,广泛应用于矿山、港口、物流及工 业生产线。铸胶滚筒可显著延长输送带寿命(30%-50%),降低打滑风险,是重 载、潮湿、高磨损场景的理想解决方案。在煤矿、港口、冶金等重载场景中实现 10年免维护运行,综合运维成本降低60%。

## 铸胶滚筒示意图: Rubber-Lagged Pulley Sketch Map





