

R/S Module Conversion

Customized Solution



Cotton is facing increasing competition from man-made fibers. To remain competitive, mill owners need to quickly address such market trends and be able to adjust their spinning mills according to the raw material to be spun, with minimal disruption.

The Challenge

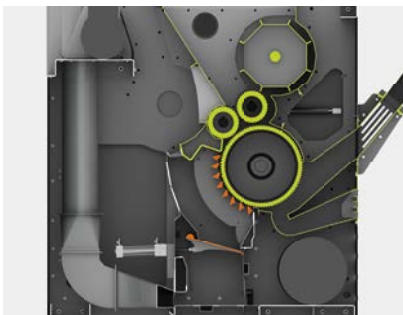
Switching from cotton to man-made fiber spinning or vice versa implies certain adjustments within the spinning mill. It all starts with the equipment belonging to the first step of the spinning process: fiber preparation. Usually, this means massive changes within the machines and thus, high investment and production loss.

The Solution

Rieter engineers developed a customized solution to convert UNImix and UNIstore machines and enable a change from cotton to synthetic fibers and vice versa. The conversion consists of changing defined parts and features such as an opening function in case of synthetic fibers or an opening function combined with a cleaning function for cotton.

Customer Value

Such a customized solution provides a high flexibility with minimal disruption and investment so mill owners can adjust to any raw material and stay ahead of competition.



Module with opening roller and grid for cotton spinning



Module with opening roller for synthetic fiber spinning

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