

## Card C 70: Increased production due to conversion parts



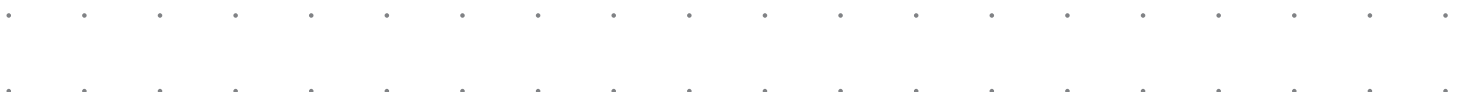
Honghai Hangzhou Textile Co., Ltd. is a fully invested subsidiary of the Hongfeng Textile Group, located in Hangzhou, China. It has invested in a full Rieter semi-automated rotor system and produces 50 000 tons/year of Ne 10 and Ne 30 viscose yarn. The yarn is well-known and its demand is high. The yarn is sold in China to the Zhejiang, Fujian and Guangdong areas and is also exported to international markets (Brazil, Turkey etc.).

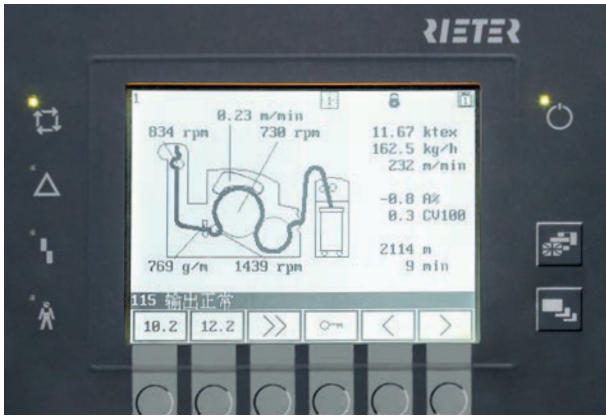
### The Challenge

In 2016, Honghai faced a very high demand for viscose yarn. The already high performance of the cards C 70 with 80 to 115 kg sliver per hour was unable to meet the demand. Rieter recommended enhancing the card production with new technological parts. Important for the customer was keeping the quality level of the sliver, even at higher speed.

### The Solution

Upon Rieter's recommendation Honghai decided to test various technological parts. Among other things an aerodynamically optimized profile, the so-called tongue that influences the transition of the fibers from the card cylinder to the doffer. During the trial period, the company then ran two cards very successful with a production of 160 kg/h each while maintaining the sliver quality. Consequently, Honghai decided to upgrade its remaining 68 cards with the recommended technology parts.





The card C 70 runs with 160 kg/h

## The Customer's Benefits

Production at the spinning mill increased by 40% to 100%, and the profitability of Honghai rose substantially. The investment in the technology parts for all cards paid off in a short period of time. The company was able to quickly adjust to meet the market demands for viscose yarn and expand its position on the market.

## The Customer's Statement

*"The technological innovations in the card C 70 make us more profitable. Production has increased substantially although the costs for the conversions were very low. As a result, we have bought more sets of parts and upgraded all our cards. With Rieter's innovations and technology we can maximize our profits."*

**Mr. Xinfeng Cui**

Mill Manager

Honghai Hangzhou Textile Co., Ltd.



Mr. Xinfeng Cui, Mill Manager, Honghai Hangzhou Textile Co., Ltd.

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