

Excellent machine efficiency and high yarn quality with various blends produced on R 36



Shangshui Xianghu Textile Co., Ltd. is located in Shangshui County, Zhoukou City, Henan province, China. The company produces 12 million meters of greige fabric and 4 500 metric tons of cotton yarn per year. Its main products are Ne 16 and Ne 21 yarn.

The Challenge

The raw materials used are 70% comber noil and 30% cotton waste from blowroom and card. Shangshui Xianghu's management wants to efficiently use such raw materials to economically produce high quality yarn in order to maximize its profits. The yarn should fully match the needs of its customers.

The Solution

Shangshui Xianghu has invested in four semi-automated rotor spinning machines R 36 with 460 rotors each. The machines are easy to operate and offer a direct way to achieve high yields of high-quality yarn. The R 36 fully meets Shangshui Xianghu's requirements:

- Both sides of the machine operate completely independently and offer high flexibility.
- The excellent spinning technology, the Q10 yarn clearer and flawless packages ensure a high quality product for the following downstream processes.
- The R 36's energy efficiency and optional automatic piecing-in technology after power failures have reduced the time it takes to restart the machine.





Easy operation

The Customer's Statement

"The R 36 has unparalleled efficiency and stability. The yarn quality is consistently good. Choosing the R 36 was the right decision for us."

Mr. Jianguo Cui

Chairman

Shangshui Xianghu Textile Co., Ltd.

The Customer's Benefits

The operational abilities of the R 36 have greatly exceeded the customer's expectations:

- The efficiency of the machines is up to 99 – 100%, the potential productivity capacity is 2 – 3% higher than with comparable machines.
- The advantages in terms of labor costs are obvious: Fewer than 100 ends down per thousand rotor hours save 0.5 to 1 operators per machine. This has effectively reduced the labor costs for Shangshui.
- The yarn is well accepted in the market.

The customer has subsequently maximized its profits. The outstanding performance of the R 36 has been so convincing that the company has therefore decided to invest in two more machines.



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