



紡 紗 新 技 術

New Technology for Rotor Spinning

紡 製 優 質 轉 杯 紗

High Quality Rotor Yarn Production

簡介

本技術主要針對現行在中國境內常用的傳統轉杯紗機作出重大的改進，包括：

- 提供一種可紡製優質複合紡 "MOD-SPUN" 轉杯紗的專利模式。
- 研究改良轉杯紡紗機的關鍵部件，使常規設備能有效地紡製優質轉杯紗。

特色與優點

- 能紡製集環錠紗及轉杯紗兩者優點俱備的優質複合紡 "MOD-SPUN" 轉杯紗。
- 複合紡轉杯紗表面光潔、渾圓、豐滿、加撚紋路清晰。大大提高其拉力、撕力和抗摩力等重要物理指標，
- 改良後轉杯紡紗機所紡出的成品，如優質針織紗/布等，消除了傳統轉杯紗的粗糙手感，受到廣大用戶歡迎。

應用

- 可織造優質牛仔布及免燙布等。
- 通過技術改良，可應用於低成本的國產轉杯紡紗機，生產優質針織紗/布等，性能媲美國際一流設備。

Description

This technology improves the current China rotor spinning machine and is in twofold to include:

- A new patented process for making high quality "mod-spun" rotor yarn.
- A further developed technology for improving an assembly part of the rotor spinning machines to enhance their capability of spinning high quality rotor yarn..

Special Features and Advantages

- New patented technology for making high quality "mod-spun" rotor yarn has both the merits of ring and rotor spun yarns.

- "Mod-spun" rotor cotton yarn with smooth surface, round, neat, bulky and clear yarn texture and significantly increased tensile strength, tear strength and abrasion resistance.
- The improved rotor spinning machine is capable of spinning high quality rotor yarn, such as high quality knitting yarn/fabric without the rough and stiff hand-feel that conventional rotor yarn has.

Application

- Making high quality denim cloth and wrinkle free cloth
- To improve low-cost rotor spinning machine for making high quality knitting yarn and fabric.

