



Swiss Spinning Solutions ■ Hans Stahlecker

Press Release

## **ROTORCRAFT – Swiss Spinning Solutions**

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Rotorcraft stands for Swiss Innovations in Spinning Technology, which are designed along three principles: **Efficiency, Simplicity and Sustainability.**

At ITME India 2016, the Rotorcraft booth was one of the main attractions of the show, as the company presented a revolutionary new ring spinning frame.

Named Next Generation Spinning (**NGS**®), this frame meets all the requirements of a 21<sup>st</sup> century mill. In order to avoid any human and operating errors that are common with ring frames today, the Next Generation Spinning frame has no setting screws whatsoever. The setting of the drafting systems is achieved by the use of exchangeable elements in different colours. The distance between the drafting system and the spinning ring remains constant during the entire operation. Bottom aprons are replaceable individually while the frame is running. A low-pressure channel is built in between the working elements of both sides of the frame, rather than above the frame. The channel is large enough to fit the suction tubes as well as the low-pressure elements for pneumatic compact spinning. The two sides of the frame can work completely independently, and all bearings of the working elements are sealed for life.

The result of above mentioned parameters are equalized tension and evenness of yarn at a constant production speed. Spindle-to-spindle variation become history. This allows the mill to produce either better quality yarn, or achieve a remarkable higher overall output.

A large international audience visited the Rotorcraft booth, the common overwhelming feedback from technical experts and mill owners sounds like:

“We have seen the future of ring spinning”, “NGS is the game changer for the next decade.”

The next generation of Compact Spinning Systems named **Green Compact** (pat.pend.) also was on display. The system attains the yarn quality improvements introduced by the first generation of compacting systems, while saving 6-8 USD in energy cost per spindle per year. It therefore performs considerably more economically and sustainably compared to old generation compacting systems.

End of Press Release

For immediate release

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