

Texparts® Maier Flyer - One key technology component for roving frames

Fellbach, March 16th, 2009 – Oerlikon Textile Components is looking forward to offering our customers the Texparts® Maier Flyer, one of the key technology components for roving frames. The product line Texparts offers now the whole package of quality determinant components for your roving frame. It includes the established Weighting Arms, Top Apron Cradles, Top Rollers, Bottom Roller Units, Condensers, Nose Bars and from now on the Texparts® Maier Flyer.

The whole is more than the sum of its parts

This statement is more appropriate for the roving process than for most of the other process steps along the textile chain because the quality level of the ring yarn is mostly decisive on the quality of the roving.

But a premium roving package will only be reached with a bobbin with consistent build-up, which implies an uniform material density from the center outwards. Additionally, a premium roving package features a constant roving count and tension as well as less roving hairiness.

If these conditions are fulfilled, high quality yarn and trouble free running in the ring spinning process are guaranteed.

The individual parts of the sum

The new Texparts® Maier Flyer is synonymous for the consolidated knowledge of Maier combined with our expertise about the interaction of all key technology components in the roving frame.

Experience

The European engineered “Maier Flügel” stands for field tested products - nearly 2 millions flyers are in use - with more than 50 years of know-how. The ongoing product development ensures that the flyers always accord with the latest requirements of our customers.

Perfect smooth running at highest speed

The specific construction combined with a balanced presser is the guarantee for smooth running at uniform roving tension. If these factors are assured from start to finish, a precise and robust package built-up will be the result. An additional warrant for a perfect running behavior is the quality control of each part.

Safe Presser Fixing System

The special presser fixing system of the Texparts® Maier Flyer enables an accurate and constant work of the presser even after repeated fixing. The fixing system prevents from extra vibrations caused by not tightened screw connections between the flyer and the presser.

Soft roving guidance

The easy insertion of the roving into the hollow arm is one of the handling features of the Texparts® Maier Flyer. The special polishing technique leads to a smoother interior surface of the hollow arm for uninfluential guidance of the roving. Additionally, the polished interior prevents from electrostatic charge. The negligible wear in the hollow arm ensures a long product life.

Respect for resources

As a result of lower weight of the all-aluminum flyer compared to a traditional steel flyer and the prevention of air turbulence by an aerodynamic design, energy savings will be achieved.

Full product portfolio

Each customer has different requirements on compatibility with machines. For example an automatic or manual roving frame, with several machine gauges and bobbin sizes. The Texparts® Maier Flyer portfolio comprehends a specific type for virtually all on the market available roving frames:

Product	Type	Drive
Texparts® Maier FL 1	Conventional spindle	Spindle driven
Texparts® Maier FL 2	With extended central shaft	Top driven
Texparts® Maier FL 3	Without extended central shaft	Top driven

Flyer Accessories

The portfolio of Texparts® Maier Flyer covers not only flyers for different requirements but as well premium accessories as:

- False Twisters
- Presser Packages including Pressers, Screw Pins and Bushes
- Nipples

Service

To ensure the longest product life possible, we offer maintenance recommendations for all parts of your Texparts® Maier Flyer.

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About Oerlikon

Oerlikon (SWX: OERL) is one of the world's most successful high-tech industrial groups specializing in machine and plant engineering. The company is a leader in the field of industrial solutions and innovative technologies for textile manufacture, thin-film solar and thin-film coating, drive, precision and vacuum systems. With roots in Switzerland and a long tradition stretching back 100 years, Oerlikon is a global player with a workforce of more than 19,000 at 170 locations in 35 different countries.

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Enclosed: Picture with Caption



Texparts® Maier FL 2
Top driven flyer with extended
central shaft