



TERROT'S 150

Excellence in circular

Terrot is one of the leading manufacturers of electronically and mechanically controlled circular knitting machines worldwide. It even defends its position in the development and production of specialized machines and is counted among the most important members of the group "Schüring and Andreas".

Terrot is looking forward to its 150th anniversary in 2012. Exactly 150 years ago, on April 16, 1862, Charles Terrot founded the Terrot plants together with the merchant Wilhelm Stücklen. With a know-how of 150 years experience and its innovations Terrot has made fundamental contributions to the development of the worldwide textile industry.

Since Terrot's start-up on June 1, 2006, and its strategic reorientation the company combines its tradition-

al values like superior quality, innovative engineering solutions and consequent customer orientation with the demands of the global markets. Its 205 employees develop and produce innovative products and support the manufacturing site in Chemnitz with customized services.

With more than 50 global co-operating representatives, own subsidiaries and service centres, Terrot supports its customers with a market-oriented portfolio and a comprehensive know-how to create the best solutions for commercial and technical challenges.



years of knitting technology

With its focus on trend-setting technologies, highest quality, flexibility, a long-term oriented portfolio and finance strategy and the defined objective to become a worldwide leading manufacturer of circular knitting machines, Terrot will further expand profitably.

The product range

Terrot recently presented six innovative new products and also further developed circular knitting machines out of the current product range.

S296-2 Open Width D-Frame, 30" E50

The S296-2 offers outstanding flexibility and efficiency in the pro-

duction of different stitch structures with up to four needle tracks. Its ideal distribution of 102 feeds over 32" diameter is proven in practical day-to-day operation.

SCC6F548, 30" E36

The striper technology in single-jersey has already a very long tradition at Terrot – up to 6 colours striping, in addition to the combination of 3-way technique and the new development fine gauge E36, opens new trends in fashion.

UCC572, 30" E40

The stringent standard of quality and reliability of Terrot machines achieve its culmination with its Jacquard machine series. The ceramic PIEZO selection elements form the

electronic-mechanic interface which reliably implements the knitting information even with extremely fine machine gauge at high speeds.

UCC572T, 34" E16

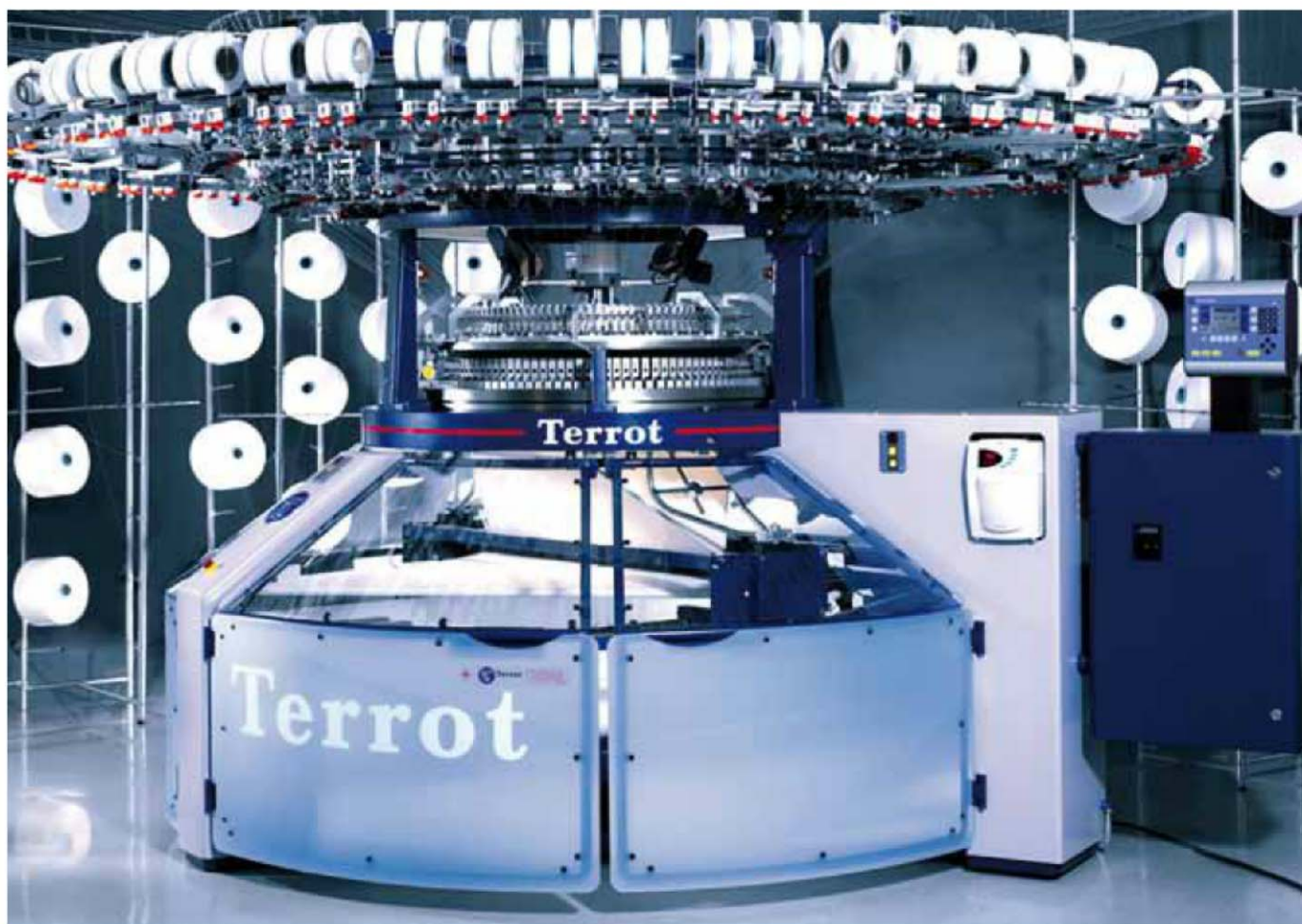
The production of transfer fabrics on the latest developed Electronic-Jacquard machine UCC572-T offers highest production output at utmost efficiency.

UP592M, 38" E20

The latest developed mini-jacquard model UP592M stands out by its appliance in the cost-efficient production of mini-jacquard mattress ticking. The combination of a high number of feeders and machine speed allows a never before achieved output.

I3P284-1, 30" E40

This latest development of the



8-lock model I3P284-1 in fine gauges E40 – E50 offers a wider range in knitting structures. Thus rib and interlock stitch formations can be combined to new fabric structures.

Terrot circular knitting machines are especially developed with respect to the market demands, energy efficiency and performance. These machines show an increase in efficiency of up to 50 per cent.

F132-AJ is the name of the new, trend-setting Terrot development, the Terrot direct spin-knit process – the new dimension of fabric knitting.

The Terrot F132-AJ direct spin-knit process uses an air jet spinning system. It does not mount the rov-

ings, clearing or drafting units or indeed spinning nozzles on the knitting machine. Instead it has a creel type arrangement on three sides of the machine which house the complete rovings to spinning process.

In other words, yarns are spun by the side of the machine and then fed to it in a more “normal” way. The F132-AJ spinning unit can be fitted to all Terrot single-jersey and double-jersey machines. The direct spin-knit system is even suitable for high system densities and large diameters (of up to 120 feeders) and can be used in gauges from E20 to E36.

The spinning system which is modular can be fitted with 24, 32 or

40 spinning heads per unit and has an integrated flyer, integrated fluff removal and integrated monitoring process.

The fabrics have a top quality feel and look, a soft handle and good dyeability with rich colours. Elastane plaiting is also possible with the new Terrot system.

The F132-AJ has a speed factor of up to 600 (20 rpm, 30”) and unfinished fabric output of up to 360 kg / 24 hours (20 rpm, 30”). The new procedure offers a remarkable customer’s benefit with respect to 33-40 per cent less required space, up to 50 per cent energy savings, up to 30 per cent less investment costs and up to 50 per cent less production costs.