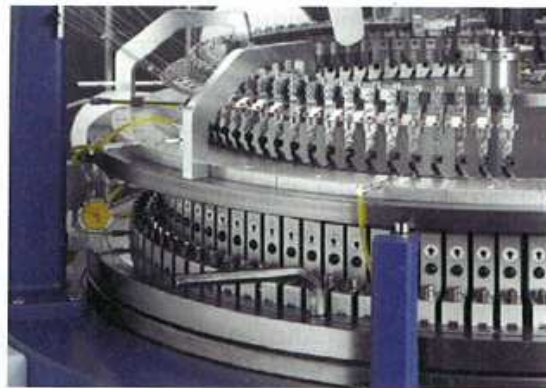


Terrot Circular knitting machine

Together with their partner Terrot Hong Kong Ltd., Terrot GmbH, Chemnitz/Germany will exhibit a machine model of their circular knitting machine S296-2 (diameter 34 inch, E 28 gauge, 109 feeders, 2 needle tracks – up to 4 available, single plain knitting).

Benefit of the Upgrades S296-2:

- very high flexibility and efficiency in production of whole yarn range, different weights and fabric structures with elastane yarn plating
- customer proven for processing both cotton and synthetic yarns at a high level of performance
- advanced central and individual stitch adjustment with more precise scale unit enhancing accurate stitch adjustment
- complete re-engineered knitting head with convertible low cost new cylinder needle
- redesigned knitting head with positive



Circular knitting machine S296-2 (Terrot)

- needle guidance in cam curve – needles are guided smoothly for less wear and tear and high machine speeds
- new wear resistant zirconium yarn carriers with elastane yarn rolls for perfect plating (prevent fluff accumulations). ■

Textechno Quality control systems

The following control systems for fibers and yarns will be presented by Textechno Herbert Stein GmbH & Co. KG, Mönchengladbach/Germany: Favimat, Statimat ME+ and Fibrotest.

The Favimat combines 4 single-fiber test methods in one instrument on the same section of the fiber: fiber fineness, tensile properties, mechanical crimp properties and geometrical crimp structure. This instrument can be used to test a wide variety of fibers, including aramid, UHMPE, glass and carbon fibers. Another new application of the tester is to measure fiber-to-metal friction. The test process can be fully automated by the means of the Airobot2 system linked to the Favimat. This system consists of a tensionless storage for up to 500 fibers together with a fully automatic transfer system, which feeds the fibers to the Favimat testing instrument without using pre-tensioning-weights.

The Statimat ME+ is the newest model of the Statimat series and a standard automatic tensile testing instrument for yarns. It operates on the principle of constant rate of extension (CRE), with a force measuring range of 1,000 N and a package changer up to 50 po-