

# Latest technology to keep knitting sector on growth trajectory

**W**ith the passage of time, knitting machinery has gone through many sea changes. The latest knitting machines, with their cutting edge technology are not only introducing a new application in knitting but also establishing many companies name as a leading knitting machine manufacture.

In the International Exhibition of Textile Machinery (ITMA) in Munich, the knitting machinery manufacturers displayed their latest technology to pace up the growth of knitting apparel industry. Here are some of the prominent manufacturer companies to watch out for this season, which unveiled their latest machinery in ITMA to serve the global knitting industry prominently with quality enhancing.

## Terrot's user-friendly machines



Terrot (Hall A1, Booth 345/446) has a range that encompasses mechanically and electronically controlled single and double jersey circular knitting machines with a large range of different gauges and diameters. The machines are designed to be particularly user-friendly and easy to operate, according to the company.

All machine components are produced and assembled in compliance with the strictest standards of quality and process reliability. Knits produced on the machines are used in fashion outerwear and underwear, functional sports and leisurewear and increasingly for technical applications.

Today, there is endless scope for imaginative design from the latest fashion outerwear through to high tech textiles, backing material for coatings and roof linings for cars, says Terrot.

The company says continuous improvement of its efficiency is an essential corporate objective, safeguarding its ability to address customer needs. Terrot displayed the following machines at ITMA:

- **S296-1 Single Knit High Speed.** The S296-1 combines high production with excellent fabric quality and an even fabric surface, according to Terrot. The S296-1 was shown with a 30in diameter with 96 feeders running with cotton Ne 30/s and full Lycra 40 den. Speed is 45rpm and production output is said to be guaranteed at 870kg/day.
- **S296-1 OW Single Knit High Production** with a new compact open width frame. At ITMA in Paris in 1999 Terrot introduced a single knit circular knitting machine where the robe fabric was cut and wound up in open condition in the machine. This improved S296-1 is available with a compact open width frame which offers easy handling. Speed is 35rpm for a 30in machine.
- **S6F348 Single Knit 6-Colour Striper.** Terrot also introduced a six-colour single knit striper with four cam tracks. While knitting large sequences in a single colour, the machine automatically speeds up by about 25%, to 27rpm thereby increasing productivity, according to the company.
- **I3P572 Double Knit High Production Jacquard.** Terrot's traditional I3P-series has been extended to include a 72-feeder rib machine with two cams and two tracks. Running at a speed of 32rpm it opens up new possibilities in the production of rib and interlock fabrics, says Terrot. An upgrade to three tracks in the dial and four tracks in cylinder camming is possible.
- **UCC572 M Electronically-controlled Jacquard Double Knit Machine.** Most of the knitted fabrics for mattress tickings are currently produced by 38in machines with 60 feeders. With 90 feeders, the UCC572 M will allow a productivity increase of 50% and nearly 30kg/hour production output. The three-way technique on all 90 feeders provides added flexibility, says Terrot.