

If you stand still, you lose

The Terrot booth at ITMA was characterised by a confident outlook from the company's Managing Partner, Andreas von Bismarck.

Terrot's new circular knitting machine developments are aimed at helping knitting mills run as efficiently as possible.

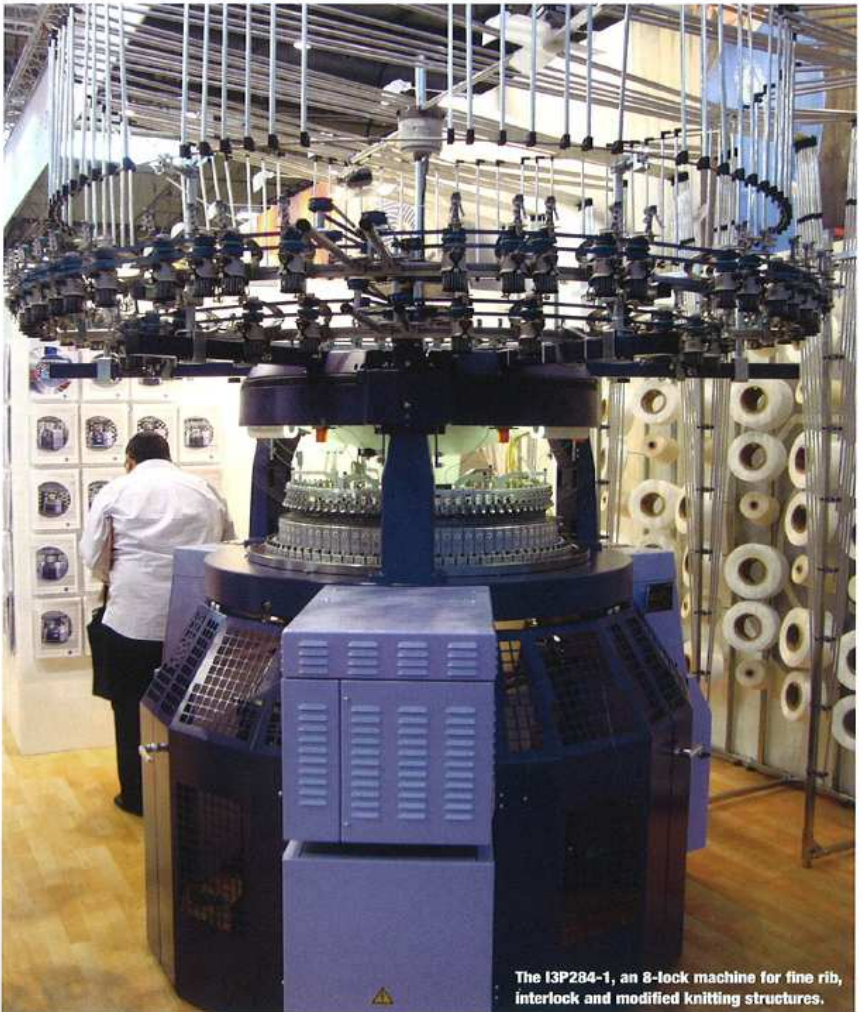
According to Mr. von Bismarck, the company's focus going forward over the next 12

months is to ensure it delivers to its customers, workable and practical knitting technology solutions.

"At the moment, we are very much focused on the progression of our own business," he said. "In the current climate, if you stand still you lose. Our aim to deliver solutions to our customers that they can actually use for the reliable production of knitted goods. We are seeing a certain trend towards double-jersey machines and our



Andreas von Bismarck



The I3P284-1, an 8-lock machine for fine rib, interlock and modified knitting structures.

market shares regarding jacquard machines is also increasing drastically."

The stand at the recent ITMA exhibition certainly reflected this with a range of machines designed to offer both niche and specialist machines and more straightforward, basic technology.

Of particular note was the I3P284-1, an 8-lock machine for fine rib, interlock and modified knitting structures.

This machine is now available in fine gauges ranging from 40G-50G offering a wider range of knitting structures with rib and interlock stitch formations which can be combined to create new structures.

The machine on display in Barcelona was a 30 ins diameter model in gauge 40G with 84 feeders and two needle tracks on the cylinder and two on the dial. With a speed of 20 rpm the machine was producing fabric with a weight of 85 g/m² with a production output of 13.4 metres per hour or 2.2kg per hour.

The new version of the I3P284-1 has special shaped cams which help offer different stitch structures, providing a wide range of applications including sports and leisure wear, underwear, swimwear, medical and automotive textiles. This flexibility in applications and fashion trends is also helped by the 'Quick Change' feature which allows the straightforward switching of gauges from 18G to 50G.

The I3P284-1 also has an easily adjustable mechanism for the fine adjustment of needle gating for interlock or rib while users can change from synchronised to delayed timing by adjusting the corresponding cam version.

According to Mr. von Bismarck, the demand for different specifications of the machines regarding diameter and gauges are often very different country-wise and application-wise, but Terrot is seeing an overall trend towards bigger diameters and finer gauges, adding that this had prompted

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the company to put further effort into optimising its products in these segments and developing a new frame which allows diameters up to 54 ins.

This new frame development, the C7/3 is actually suitable for machines ranging in diameter from 44 to 54 ins and is designed for the easy and quick removal of the fabric roll on Terrot single and double jersey machines, not including open-width versions.

Advantages of the new frame are said to be greater economic production possibilities with fabric rolls of up to 1,050 mm, the reduced changing times of the fabric roll and higher running times as the larger fabric roll allows savings in the finishing process and reduced fabric cuttings.

The new frame design also helps with free access to the tubular knits and the automatic positioning of the take-down device.

Also attracting plenty of attention at the Terrot stand was the company's latest machine for high production, mini-jacquard mattress ticking fabrics.

The UP592M is hailed as a highly efficient machine in terms of cost, due in part to its combination of a high number of feeders and machine speed which helps boost fabric output. Specifically, the UP592M



This UP592M model on show had a 38 ins diameter in gauge 20G and with 116 feeders.

model on show had a 38 ins diameter in gauge 20G and with 116 feeders, was running at 21rpm. This adds up to a production output of 60.9 metres per hour and 43.3 kg per hour of fabric for mattress ticking or other home textiles.

The UP592M boasts a dial cam system with 2 needle tracks for knit, tuck, miss and

support. Needle selection is possible on the cylinder – in miss and knit – with operators able to manually select pattern levers.

"We will leave this show with plenty of optimism," added Mr. Von Bismarck. "People from the textile industry are familiar with the ups and downs of the market but the reaction from our customers has been excellent." **KTJ**