

## Terrot offers a range of circular knitting machines for various applications

Terrot as one of the world brand leader is among the exhibitors at ITM 2009. Perfect circular knitting technology combined with the "finest Terrot knitted fabrics" is the culmination of well developed machine engineering designed to sharpen the competitive edge of the international customer base. According to Terrot, "ITM 2009 will be an outstanding tool to approach the market with our new exhibition concept: Fair as a factor of success – Partners benefit from each other." Terrot will be presenting a wide range of applications as well as the versatility of fabrics knitted on circular knitting machines at their booth 916 at hall 9.

### FASHION day & night: Clothes make the man

Terrot clients are specialists in realizing the ideas of the international designer world and the production of knitted fabrics and fashion clothing for different kind of target groups.

The scope of final goods is nearly inexhaustibly: polo shirts, striped shirts, sweater, tops, T-shirts, slipover, pullover, shirt jackets, waistcoats, leggings, trousers, skirts, dresses, evening dresses, tunics, fleece jackets and accessories.

High-class qualities, excellent fit, perfect fashioning and trendy designs are the success criterions of our clients at the beachwear market. Cotton, polyacrylic, polyester, polyamide and elastane are still important components of outerwear. To produce premium fabrics out of these yarns Terrot provides suitable circular knitting machines.

### Underwear and wonderful lingerie – the fantastic feeling to have fine materials on the skin

Nothing is more close to our skin and influences more directly our body feelings like underwear and lingerie. The product range extends from brassiere over bodies, briefs, shorts, pants, shirts up to sleep wear as well as wellness wear.

Perfectly fitting underwear which does not show under tight clothes, an excellent fit, best processing and functionality of the articles also for sporty usage as well as fashionable designs are the criteria for the success in the underwear and lingerie area.

Thanks to the low weight, the breathability and air-conditioning effect spacer knits are also used in the underwear and lingerie area, especially in the production of bra's and corsages.

The processing of high-quality cotton and cotton blends, silk, viscose, modal fibres, polyester and polyamide yarns as well as elastane is an essential condition for the finest quality in underwear and lingerie fashion. To produce these materials with an extraordinary wearing comfort the brand Terrot provides ideally suitable circular knitting machines.



### HOME textiles: Home textiles create a comfortable home

The range extends from mattress coverings over fitted sheets, bedding and pads to upholstery and furnishing fabrics. Initially discovered as a niche product the knitted mattress fabrics are meanwhile in high demand. Covers of comfort mattresses consist of more or less voluminous elastic knitted fabrics. Innovative materials with improved features on the basis of polyester and polyamide combined with cotton and viscose are processed to double-face goods with wadding threads on electronic-jacquard circular knitting machines.

Thereby there are nearly no limits in the pattern variety of Terrot machines. Due to their special 3-dimensional structure spacer knits offer enlarged application possibilities also in the area of home textiles. Spacer knits distinguish themselves not only by their low weight they are also breathable and resistant to pressure. Spacer knits obtain further beneficial features such as sterilisability or a non-ageing effect by the usage of new developed fibres and yarns; thereby they are vastly superior to the traditional foam laminating. Among others spacer knits are applied as basic material for mattresses and pillows. Beside the 3-dimensional mattress- and spacer knits large quantities of yard goods are also knitted for bed-clothes and fitted sheets.

High-quality cotton and modal fibres with and without elastane are applied in the production of single-jersey fabrics as well as interlock fabrics. In many living quarters and areas of life patterned and plain-coloured upholstery and furnishing fabrics find a usage.

Polyester, polyamide, acrylic, cotton, viscose and other materials are even



enmeshed on special jacquard- and plush machines in Terrots product range offer to customers various options and design possibilities.

### SPORT fabrics: Sports and leisure wear – to find healthy balance to the daily routine

Differences between leisure wear and functional sports wear are nowadays hard to find whereby the demands for the materials are almost the same in both cases. Benefit from hightech- fabrics that are specially-tailored on the respective application thanks to an intelligent combination of new fibre qualities with different material structures. Clothing for sports is a functional product par excellence.

Ultramodern finished yarns especially polyester and polyamide as well as cotton, viscose and elastane and even fibre blends are important basics for sports fashion and leisurewear. Sports- and leisurewear find a usage in the form of shirts, sweats, overalls, tricots, jackets, trousers, functional underwear as well as shoes in the indoor and outdoor area.

Manufacturers of innovative sports fashion and leisurewear offer clothes with special functions for nearly every activity for example humidity transmission, breathing capacity and thermo regulation for an almost perfect air conditioning of the body.

High-class processing and sophisticated design guarantee the highest wearing comfort and are thus the success criterions of customers.

The brand Terrot provides suitable circular knitting machines for the production of premium fabrics in different fabric structures among others single-jersey, piqué, mesh, interlock, rib, jacquards as well as rib separation.



## BEACH textiles: Beachwear is as promising as the summer can be

Polyester, polyamide and elastane are still important components of beach- and swimwear as well as insets for the breast- and panties zone. To produce premium fabrics out of these yarns we provide you the suitable circular knitting machines. High-class qualities, excellent fit, perfect fashioning and trendy designs are the success metrics of our clients in the beachwear market.

## Medical textiles

A special application for technical textiles is the medical area. Beside the basic features of knitwear (such as high elasticity properties) the qualities of the used fibres and yarns are of particular importance for medical textiles.

To this belongs beside boil-proofness especially antibacterial, dirt repellent and antistatic effects. To meet the different requirements of the medical area, yarn manufacturers optimize these fibre qualities in the course of all innovations.

Thereby arise multiple application areas among the operation sector also in the rehabilitation, orthopedics, dermatology and the sector of incontinence.

In particular the figure-flattering usage of the textile solutions increases the comfort and lead to an improved patient's acceptance.

The knit ability of the latest fibres and yarns on Terrot circular knitting machines is the essential condition for the application of knitwear in the medical area.

Enmeshed by high quality cotton inelastic materials like medical silver can also be knitted.

Thanks to these textiles and their anti-bacterial, antiseptic and anti-allergic features the plaguing symptoms of different kind of skin diseases can be removed to a large extent in few days. Spacer fabrics knitted on circular knitting machines are superior in many cases to the features of textile composite materials for example by low weight, permanent elasticity, breathability and air-conditioning effect and they are also used in the areas of health care and medicine technology.

## INDUSTRY textiles JOBWEAR fabrics

Technical textiles with their varied application considered demands for custom custom-made solutions.

Combined with the most modern finishing processes and under use of innovative fibres textiles are developed which are applied in technical areas. Due to various features technical textiles could capture a firm place in industry and economy.

Particularly emphasized shall be their application in the transportation, architecture, in the medical area and the sector of industrial safety clothing. Textiles with the best functional features own a high value in the area of working clothes.

Textile innovations have entered here quite early and cared for the fact that the clothes are able to take over an important protective function, may it against heat, cold, flames, radiation or also chemicals.

Fire department, police, military right up to the Formula One racing drivers appreciate these qualities. Next to the newest developments of synthetic fibres with special features do also high-quality natural fibres come for the processing during the production of technical textiles.

## Automobile interior – get in and feel good

An application area of technical textiles is the vehicle construction. Circular knitted fabric is used in the interior of cars for example as base material for door covering, seat covers, head rest, armrest, roof liner and different kind of pillars. The demands for these products rise in view of safety standards, comfort, functionality, design and life span.

While the textile production for vehicles high-class functional synthetic yarns are processed. These yarns assure thanks to their special qualities like resistance to light, abrasion-resistance and flame resistance that the quality and safety requirements are fulfilled in the vehicle interiors.

Furthermore the stability toward environmental influences like light, temperature and humidity is important for the life span of these wear-resistant and likewise wash-and-wear textiles.

A large part of leading automobile manufacturers is supplied with high-class fabrics produced on Terrot machines those distinguish themselves by their design variety, good appearance and high usage comfort. ♦

## Monforts to highlight its parts marketing programme

With more than 400 units installed in Turkey, A.Monforts Textilmashinen will be highlighting its parts marketing with particular emphasis on modernisation and upgrading kits for lower energy consumption as well as heat recovery, at ITM Istanbul, on Booth A 212 in Hall 2.

The life of a Monforts range remains a key advantage for customers. The hardware and software update service ensures that the ranges remain profitable and competitive even after many years of service. New findings are made available for the benefit of earlier generation Monforts ranges for which refurbishment and refit kits are offered for increased productivity, reduced power consumption or adaptation to new market trends at attractive fixed prices.

Monforts will also be promoting its internet based service portal 'online assis-

tance' offering an even more advanced replacement of its earlier telephone modem package.

Using secure internet links with the latest software reverse proxy technology, together with the installation of a web cam and headphones, allows a real two-way conversation through secure firewalls between the operator and the Monforts engineer.

This allows the operator to go to the part of the machine experiencing the problem allowing on-site diagnosis and dialogue.



Online assistance.

Direct access to Monforts on-line internet system offers the advantage of same time zones for the Service Manager ensuring faster response times.

New software updates can be easily downloaded. ♦