

# Mattress fabrics develop apace

Large strides have been made in developing circular knitting technology for production of mattress tickings in recent years. Norman Bremner reviews what's available



Terror's UCC572M model used for mattress fabric production

yarns in designated fabric zones which enhances patterning possibilities and provides greater elasticity in areas of the mattress cover.

*“The market share for circular knitted fabrics, compared with the traditional woven product continues to increase year on year”*

Pai Lung has introduced a new model for multicolour mattress cover production. The PL-KDDSCJ model is a double jersey machine with electronic needle selection on cylinder and dial, offering a wide range of patterns on each side of the fabric. The machine is available in 38in with 60 feeds and in various gauges.

German-based Terror manufactures circular knitting machines for producing mattress tickings, offering a variety of

electronic and mechanical machine models to cater for this industry. Machine diameters of 34, 38 and 42in can produce fabrics with weights ranging from 150-700g/sq m.

The latest machine configurations promise minimum downtime during pattern changes. The UCC548M and UCC572M electronic machine models are capable of economically producing diverse knitting construction for tickings.

These models have 1.6/2.4 feeds per diametrical inch (60/90 feeds) and have peripheral speeds of 0.96/1m/sec. Other models in the Terror mattress ticking range include mini jacquard models UP248M and UP427M. All models are available in 34, 38 and 42in diameter and in gauges from 18 to 22.

The 8-lock 13P572M is available in 34in diameter only and in gauges 20/22 with four cylinder needle tracks and two on the dial. All Terror machines are available in various machine frame formats with different fabric takedown winding capacities. Winding roll diameters range from 40 to 105cm. Terror also applies its spacer fabric technology to mattress ticking production.