



KARL MAYER

WE CARE ABOUT YOUR FUTURE



ADVANTAGES OF WARP-KNITTED TERRY FOR TOWELS AND BATHROBES



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**适用于毛巾和浴袍的经编毛圈织物
竞争优势**



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TERRY.ECO

TM 4-TS EL

ADVANTAGES FOR WARP KNITTERS



Warp-knitted terry fabric

- High productivity due to large working width (186")
- Different machine widths available
- Machine speed of 800 rpm (KS4 FBZ: max. 600 rpm)
- Electronic patterning device allows more patterning possibilities than KS4 FBZ, fast and easy pattern change, easy change of towel length
- Large warp beam support (3 × 40", 1 × 50") ensures long running times
- Online brushing optional; batcher with integrated brushing roller device
- Flexible fabric width (towel width) through continuous execution; brushing roller without middle support
- Optional integrated blowing device reduces cleaning cycles
- Optional yarn breakage detection by lamella system stops machine in case of yarn breakage



Higher productivity



Lower invest per ton of fabric



EL instead of pattern disc



Up to 600 g/m² fabric weight

Visit us: www.terry.eco

KARL MAYER Textilmaschinenfabrik GmbH · info@karlmayer.com · www.karlmayer.com
Brühlstraße 25 · 63179 Obertshausen · Germany · T +49(0)6104 402-0 · F +49(0)6104 402-600

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TM 4-TS EL

为经编面料生产商 带来的优势



经编毛圈织物

- 较大的机器工作幅宽 (186英寸) 显著提高了生产力
- 多款工作门幅可供选择
- 机器速度800 rpm (KS4 FBZ: 最大600 rpm)
- 电子提花机构使得设备的提花能力比KS4 FBZ更强, 花型变换快速、便捷; 毛巾长度变化简单、可靠
- 大尺寸经轴架 (3 × 40", 1 × 50"), 确保较长的连续运行时间
- 可选配联机刷毛装置; 卷取机构上装有刷毛辊
- 布匹门幅的设定灵活, 刷毛辊中间位置不需支撑
- 可选配集成式吹风装置, 降低清洁需求
- 可选配片式断纱自停装置, 当出现断纱时, 机器自动停机



更高的生产力



每吨面料的生产投资成本较低



电子提花机构EL代替花盘



面料克重可高达600 g/m²

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TM 4-TS EL

ADVANTAGES FOR WEAVERS



Warp-knitted terry fabric

- Snag-proof towels offer a long lifetime and excellent stability for industrial washing
- Large range of fabric weights possible: 200–600 g/m²
- Excellent stability for lightweight towels, too: warp-knitted terry fabric has a robust fabric construction regardless of fabric weight
- Standard staple fibre yarns in the range of Ne 60 to Ne 12 can be used
- Warp knitting does not require sizing of warp ends and desizing of fabric; this saves sizing/desizing costs
- High productivity: 186" TM 4-TS EL, 400 g/m² terry fabric (i.e. 1.8 tonnes/day)
- Change of terry loop pile height within one towel possible
- Electronic patterning device allows large patterning possibilities, easy pattern change, easy change of towel length
- The TM 4-TS EL consumes roughly 87% less energy per kilogramme of produced fabric than air-jet looms, which require a large amount of energy to produce the compressed air.



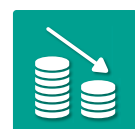
Snag-proof fabric



Higher productivity



No sizing



Lower energy consumption

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TM 4-TS EL

为机织面料生产商带来的优势



经编毛圈织物

- 经编毛巾布抗勾丝, 使用寿命长, 工业水洗稳定性高
- 织物克重范围广: 200–600 g/m²
- 轻薄型毛巾也拥有杰出的稳定性: 经编毛圈织物的结构牢固, 不受织物克重影响
- 可以使用60 Ne至12 Ne范围内的标准型短纤纱
- 经编工艺的经纱不需要上浆, 面料无需退浆, 因此节省上浆/退浆成本
- 较高的生产力: 186英寸的TM 4-TS EL生产克重为400g/m²毛圈布, 产量为1.8吨/天
- 一条毛巾上的毛圈高度可变
- 电子提花机构赋予了设备强大的提花能力, 花型和毛巾长度的变换非常简单、可靠
- 每生产1kg面料, TM 4-TS EL的能源损耗比喷气织机约低87%, 因为喷气织机要消耗大量能源来产生压缩空气。



防勾丝面料



更高的生产力



无需上浆



更低的能耗

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