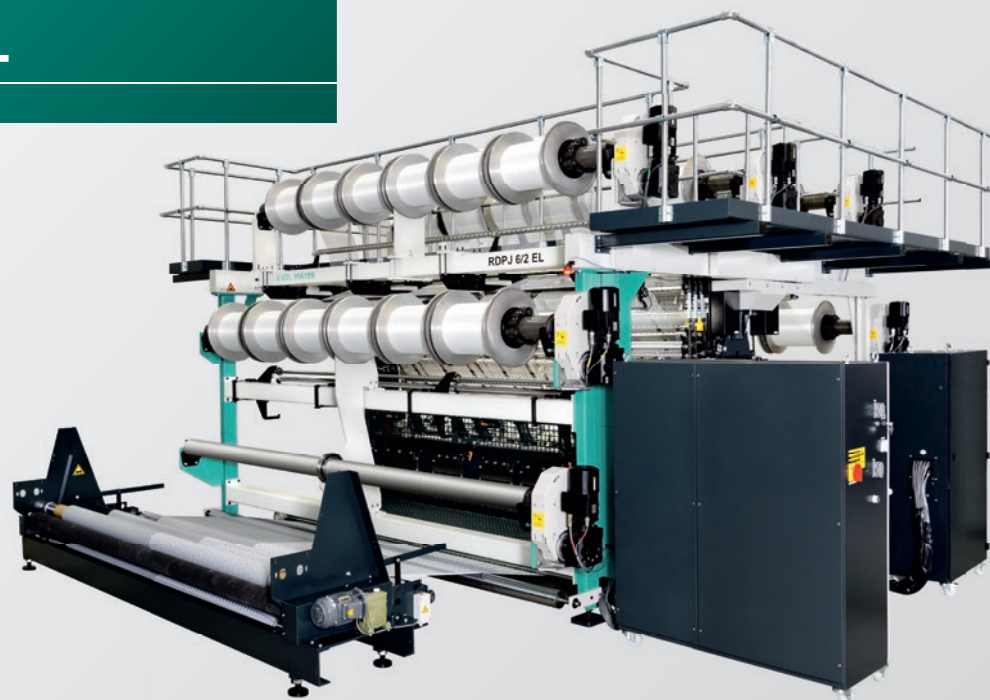


WARP KNITTING
经编机

RDPJ 6/2 EL



RDPJ 6/2 EL Double Needle Bar Machines for the flexible production of revolutionary 4D-KNIT fabrics, Spacer fabrics and Double Layer fabrics

RDPJ 6/2 EL双针床经编机, 灵活生产创新型4D-KNIT面料、间隔面料和双层面料

Your benefit

- The 3D motives can be completely variable in shape, positioning and height
- Placement of holes for breathability or additional design effects
- Excellent padding properties, made to last
- New LED lighting concept for machine and knitting elements included
- Suitable for a wide range of applications, due to various fabric weights and fabric properties

您的优势

- 能生产形状、位置和高度完全不同的立体花型
- 网孔位置灵活可调, 提升透气性或营造设计效果
- 面料具备优异的衬垫性能
- 机器应用了全新的LED照明理念
- 织物具有广泛的克重和性能范围, 适合各种应用



4D-KNIT fabrics offer a new level of design potential. Use small and flat reliefs or deep and bulky forms with cushioning
4D-KNIT面料拥有全新的设计潜能: 细小而平缓的图形、或者凹凸且庞大的立体设计



Use of different yarns for colouring and shaping effects or openings for directed air flow or lighting effects.
使用不同的纱线获得色彩和形状效果, 通过网孔实现通风或采光需求



Much higher productivity than other knitting technologies, with similar fabric appearance
与其他针织技术相比, 相似的外观结构、更高的生产效率

RDPJ 6/2 EL

Technical data

技术参数

Working width / Gauge

3505 mm = 138"
E 24

Knock-over comb bar distance

4D-KNIT, Double layer:
1.5–2.5 mm
Spacer: 2–8 mm
continuously adjustable, incl.
patented stitch comb swivelling
device

Bars / Knitting elements

Two individual needle segment
bars with latch needles, two
knock-over comb bars and two
moveable stitch comb bars
Four ground bars, two Piezo
Jacquard guide bars (split
execution)

Warp beam support

6 × 812 mm = 32"
(free-standing)
Option: 7 × 812 mm = 32"
(free-standing)

KAMCOS® (KARL MAYER COMMAND SYSTEM)

Operator interface to configure,
control and adjust the electronic
functionality of the machine

Batching device

No. 14-J1

Double-fabric take-up (Option)

Two main rollers of 119 mm
diameter and one free roller of
75 mm diameter coated with
black grip tape

Pattern drive

EL-drive with eight electronic
guide bar drives
Max. shog distance:
ground 15 mm, pile 10 mm

Electrical equipment

Speed-regulated main drive,
power-failure-safe with sepa-
rate fine-positioning function
Total connected load: 49 kVA

工作门幅/机号

3505 mm = 138英寸
E 24

脱圈板床间距

4D-KNIT, 双层织物:
1.5–2.5 mm
间隔织物: 2–8 mm
无极调节, 包括获得专利的沉降片
释放装置

床体/成圈机件

2个装有舌针针块的针床, 2个脱圈
板床。2个活动的沉降片床
4把地梳, 2把匹艾州贾卡梳 (分离
式)

经轴架

6 × 812 mm = 32"
(独立式)
选配: 7 × 812 mm = 32"
(独立式)

卡迈酷斯® (卡尔迈耶控制系统)

操作界面, 用于设置、控制和调节机
器的电控部分功能

卷取机构

No. 14-J1

双面织物牵拉机构 (选配)

2个直径为119 mm的主牵拉辊, 1
个包覆黑色包布、直径为75 mm的
自由辊

提花机构

采用8个横移电机的EL提花机构
最大横移距离: 地梳15 mm, 间隔
梳10 mm

电子设备

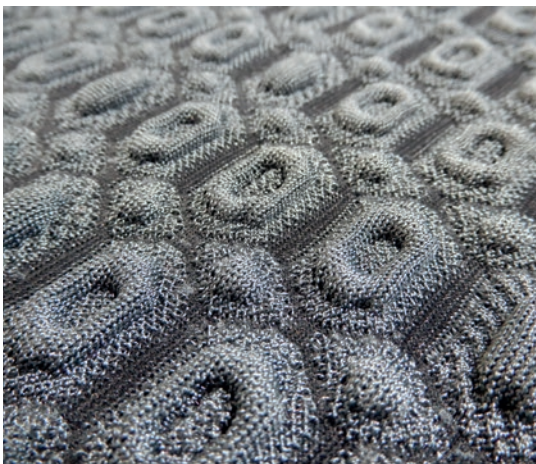
调速主电机, 断电保护, 具有独
立的精确定位功能, 机器总连接负载
49 kVA

End uses

Automotive, outerwear, home
textiles, shoe fabrics,
mattress

终端用途

衬垫, 鞋材, 外套, 网眼, 半产业
应用, 床垫



Sample picture of 4D-KNIT fabric
4D-KNIT面料样品图示

