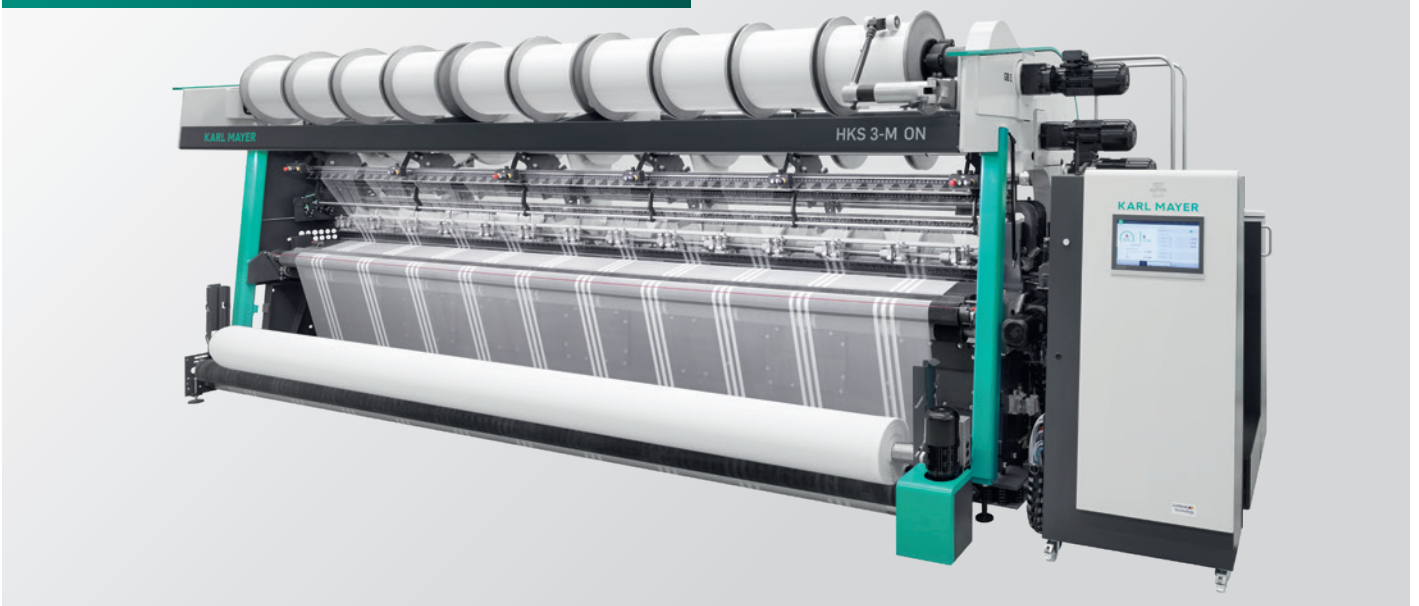


WARP KNITTING
经编机

HKS 3-M ON



HKS 3-M ON tricot machines with electronic guide bar control for diverse use in textile production and flexible pattern changes

配备电子横移机构的HKS 3-M ON特里科经编机，拥有灵活的花型变换能力和广泛的产品种类

Your benefit

- Immediate pattern change for shorter stoppage time and higher productivity through k.ey
- Lower costs compared to pattern discs
- No mechanical work required for pattern changes
- Same performance in terms of speed and design variety as the current version of HKS 3-M with state of the art technology
- Connects to our secure cloud through k.ey for more innovative KM.ON services to enhance your business and production

您的优势

- K.ey使得更换花型时的停机时间更短，生产力更高
- 与花盘相比，成本更低
- 变换花型时，无需机械调整
- 在速度和产品多样性方面，与目前最先进的HKS3-M相同
- 通过K.ey可连接至安全的云端，获得更多来自KM.ON的创新服务，提升您的业务和生产能力

HKS 3-M ON

Technical data

技术参数

Working width / Gauge

130" (+ 2" working width extension), 180" (+ 6" working width extension), 210" (+ 8" working width extension)
E 28-E 32

Bars/knitting elements

Individual needle bar with compound needles, slider bar with plate slider units (1/2"), sinker bar with compound sinker units, three guide bars with guide units. All bars are made of carbon-fibre-reinforced plastic.

Warp beam support

3 × 812 (32") (free-standing)
Optional: 3 × 1016 (40") (free-standing); 1 × 1016 (40"), 2 × 812 (32") (free-standing)

KAMCOS® 2

(KARL MAYER COMMAND SYSTEM)

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

Integrated monitoring systems

- Integrated Laserstop
- Integrated camera

Yarn let-off device

Electronically controlled, driven by geared motor

Fabric take-up

Electronically controlled, four-roller system, driven by geared motor

Batching device

130"-210": No. 6
Optional: No. 33, 34A, 34B, 34E, 52
Optional: No. 34B

Pattern drive

ON-drive with three electronic guide bar drives
Max. shog distance: 25 mm
Max. repeat length: 36 courses

Electrical equipment

Total connected load 30 kVA

Oil supply

Cooling by means of air heat exchange
Optional: Oil/water heat exchanger

工作门幅 / 机号

130" (+2"工作门幅), 180" (+6"工作门幅), 210" (+8"工作门幅)
E 28-E 32

床体/成圈机件

装有复合针的嵌入式针床, 装有针芯块(1/2")的针芯床, 装有复合沉降片的沉降片床, 装有导纱针块的三把梳栉。所有床体均由碳纤维增强塑料制成。

经轴架

3 × 812 (32") (独立式)
选配: 3 × 1016 (40") (独立式) 1 × 1016 (40")
2 × 812 (32") (独立式)

卡迈酷斯®2 (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。

配套监控系统

- 激光自停装置
- 照相自停装置

送经机构

电子控制, 由电机传动

牵拉机构

电子控制, 4罗拉系统, 由电机传动

卷取机构

130"-210": 6号卷取机构
选配: 33, 34A, 34B, 34E, 52号卷取机构
选配: 34B号卷取机构

提花机构

配备3个横移电机的ON提花机构
最大横移距离: 25 mm
最大花高: 36个线圈

电子设备

机器总连接负载30千伏安

供油

通过空气热交换器冷却
选配: 油/水热交换器

End uses

Automotive textiles, outerwear, home textiles, sportswear, toy plush, shoe fabrics, mattresses, flags, ground fabrics for printing, mosquito nets, coating substrates, cleaning textiles

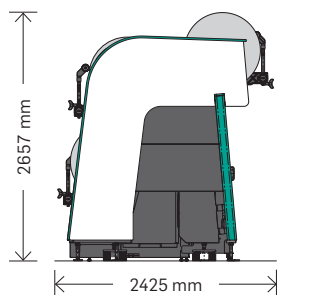
终端用途

汽车行业, 外衣, 家用纺织品, 运动装, 毛绒玩具, 鞋面材料, 床垫, 棋布, 印刷基布, 蚊帐布, 涂层基布, 清洁布

Height and depth

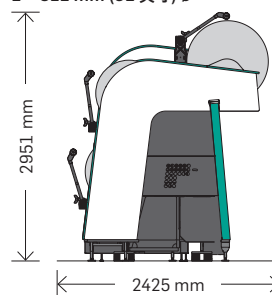
高度和纵深

3 × 812 mm (32 英寸) ø



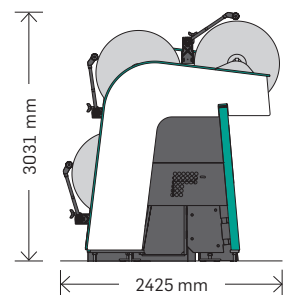
← No. 6 = 2261 mm →
← No. 34A = 2344 mm →
← No. 34B, 34E = 2515 mm →

1 × 1016 mm (40 英寸) ø
2 × 812 mm (32 英寸) ø



← No. 6 = 2261 mm →
← No. 34A = 2344 mm →
← No. 34B, 34E = 2515 mm →

3 × 1016 mm (40 英寸) ø



← No. 6 = 2261 mm →
← No. 34A = 2344 mm →
← No. 34B, 34E = 2515 mm →