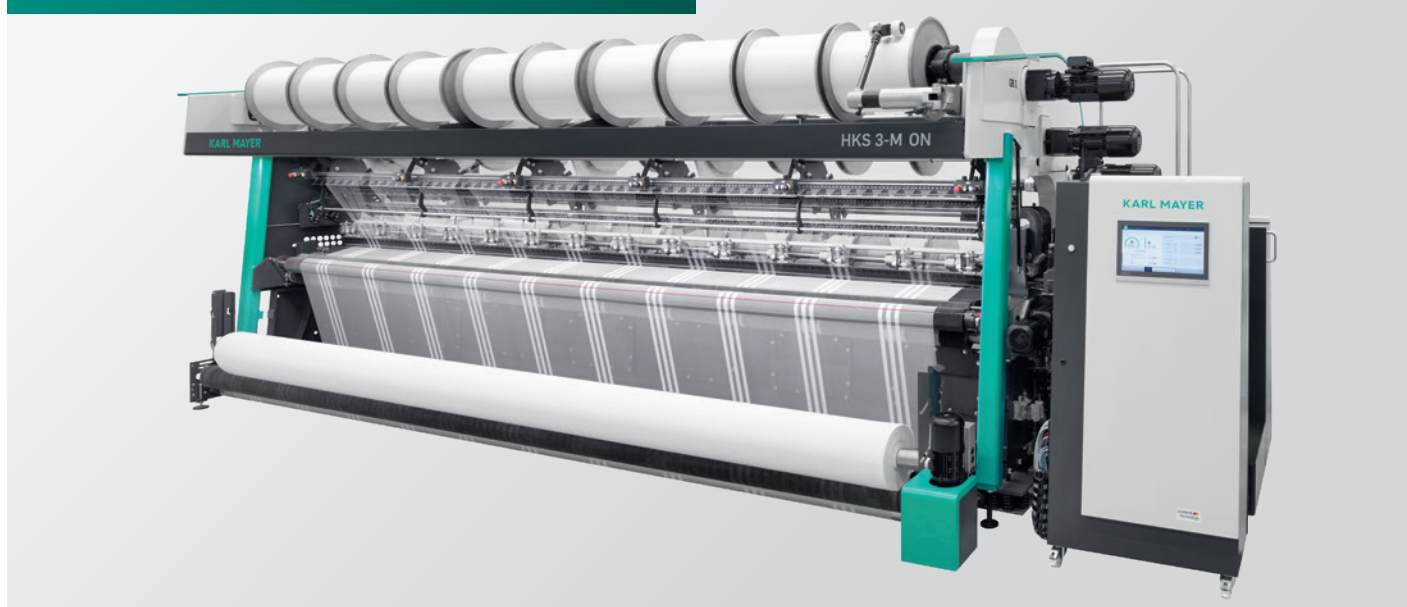


WARP KNITTING  
经编机

## 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 and no mechanical work required for pattern changes
- ON-drive provides the flexibility required by the new business environment through SwapKnit & k.innovation CORE
- Same performance in terms of speed and design variety as the current version of HKS 3-M with state-of-the-art technology
- Our newest model of extra-wide high-performance tricot machines available with working width extension +10" (290") and +20" (300") for highest flexibility in panel width and panel number – even 15% higher speed than HKS 3-M 280"
- Connects to our secure cloud through k.ey for more innovation KM.ON services to enhance your business and production

#### 您的优势

- K.ey使得花型更换迅速，停机时间更短，生产力更高，生产成本更低，花型变换后无需机械调整
- 借助SwapKnit和k.创新-CORE，ON提花机构能为新业务环境提供极大的灵活性
- 在速度和产品多样性方面，与目前最先进的HKS 3-M相同
- 这台最新的超宽幅高性能特里科机器的工作幅宽可以从280英寸拓宽10英寸（总门幅290英寸）或20英寸（总门幅300英寸），灵活适应织物的幅数和幅宽需求——生产速度比幅宽为280英寸的HKS 3-M机器提升了15%
- 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), 238", 280" (+10" or +20" 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  
280": No. 52  
Optional: No. 34A, 34A-A, 34B, 34B-A

#### Pattern drive

ON-drive with three electronic guide bar drives  
Max. shog distance: 25 mm  
Limitation to 36 repeat courses (SwapKnit); No limitation in repeat courses (k.innovation)

#### k.Innovation

36+ Repeats with k.innovation CORE; Web-based lapping editor for the HKS 3-M ON offered by KM.ON.

#### SwapKnit Lappings

Choose between SwapKnit 36 or Swapknit 36 Flat: Swapknit 36 – Purchase of individual lappings; Swapknit 36 Flat – Access to the KARL MAYER lapping database. Subscribe for 1, 3 or 12 months.

#### 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), 238", 280" (+10"或+20"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号卷取机构  
280": 52号卷取机构  
选配: 34A, 34A-A, 34B, 34B-A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  
最大花高为36个线圈 (SwapKnit)  
无花高限制 (k.创新)

#### k.创新

k.创新提供36+花高  
KM.ON为HKS 3-M ON提供连网的垫纱信息录入功能

#### SwapKnit垫纱

选择SwapKnit 36或者Swapknit 36 Flat: Swapknit 36 – 购买单个垫纱信息; Swapknit 36 Flat – 进入到卡尔迈耶垫纱数据库。您可以选择为期1个月、3个月或12个月的垫纱信息使用权。

#### 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

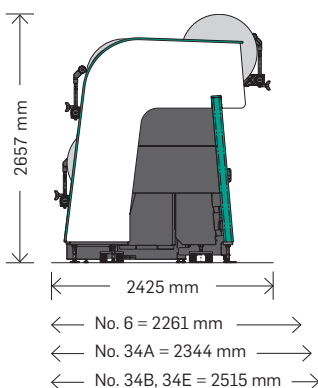
Automotive textiles, outerwear, home textiles, sportswear, toy plush, shoe fabrics, mattresses, flags, ground fabrics for printing, mosquito nets, coating substrates, cleaning

#### 端用途

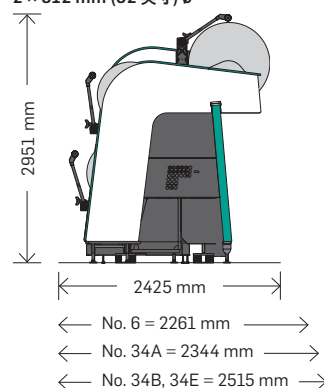
汽车行业, 外衣, 家用纺织品, 运动装, 毛绒玩具, 鞋面材料, 床垫, 棋布, 印刷基布, 蚊帐布, 涂层基布, 清洁布

#### Height and depth / 高度和纵深

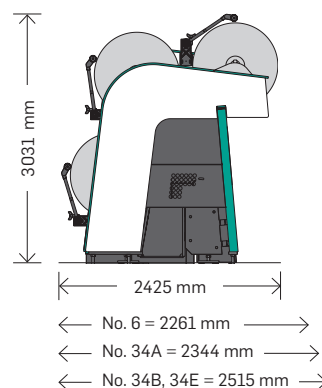
3 × 812 mm (32英寸) Ø



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



3 × 1016 mm (40英寸) Ø



1 × 1016 mm (40英寸) Ø  
3 × 812 mm (32英寸) Ø

