



WARP KNITTING
经编机

HKS 3-M EL

**Bringing progress to our customers with our HKS 3-M EL.
High machine performance combined with newest technologies to improve useability
and competitiveness of our customers.**

Your benefit

State-of-the-Art Technology

Innovative features to increase sustainability, the efficiency of your production and reduce operating costs

EL – Pattern Drive

Unlimited patterning possibilities with the best possible production speed, to master the challenges with increased flexibility

HKS 3-M EL

Technical data

技术参数

Working width / Gauge

130", 180", 210", 280"
E 28, E 32

Bars/knitting elements

Individual needle bar (synchronously milled), tongue bar (synchronously milled), sinker bar with knockover adjustment (chromium-plated sinkers), three ground guide bars (GB 1 up to GB 3 stitch-forming, shog-up to 25 mm, 2" Guide Needle Segments). All the bars are made of carbon fiber reinforced plastic.

Integrated lighting

Functional LED lighting, for uniform lighting of the knitting area and signaling of unplanned machine stops, controlled by KAMCOS®2.

Pattern drive

Electronic guide bar control system (EL)

Warp beam support (3×32")

Free-standing – three warp beam positions for sectional beams of 812 mm (32 inches) flange diameter and having a length of 540 mm (21.3") or 1090 mm (42.9").

KAMCOS® 2 (KARL MAYER COMMAND SYSTEM)

Single Speed

Moveable ladder

Moveable ladder for improved accessibility to clamping positions and easier beam change.

Fabric take-up

Electronically controlled fabric take-up, driven by geared motor, consisting of: four rollers (roller A = 156.6 mm + rollers B and C = 118.6 mm + roller D = 55.6 mm); all rollers in continuous execution; rollers A, B, C and D coated with black grip tape.

Integrated Laserstop

Yarn breakage monitoring system (ILS) for early detection of broken ends. Laser light barrier for three ground guide bars, GB 1 to GB 3. Sensitivity adjustable and storable by KAMCOS®2.

Integrated Camera

The camera position is located above the fabric. Fabric monitoring system (ICS) for early detection of fabric faults, at plain fabrics. Monitoring area and sensitivity adjustable and storable by KAMCOS®2. Additional lighting below the fabric. (Not available for 290")

Interface for batching device

Interface for batching devices, with start/stop signal and power supply.

Height and depth

高度和纵深

1 × 1016 mm ø

3 × 812 mm ø

End uses

Fashion & Apparel,
Footwear, Sports Textiles,
Home Textiles

