

WARP PREPARATION  
准备设备

## DSE HH 50/30 DNC

**For working highly delicate elastic yarn with computer controlled beam build-up**  
用于非常精细的弹性纱线并由电脑控制盘头整经

### Your benefit

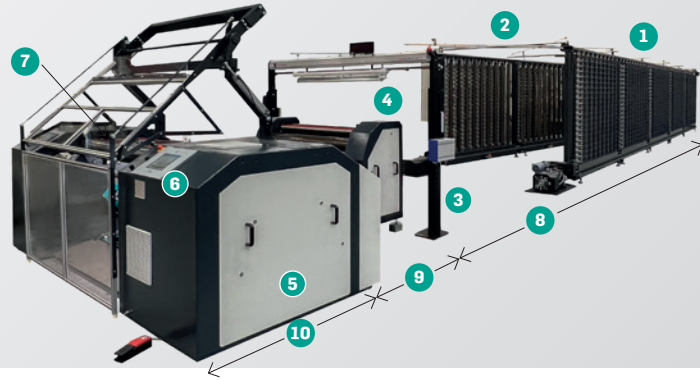
- Designed for best cost-benefit ratio
- Up to 30% more performance in warp preparation
- Excellent beam quality by highest beam circumference control
- Optimised for ergonomic human operation
- Quality control by protocol managing and saving beam data

### 您的优势

- 最佳的投入产出
- 整经性能提升30%
- 精确的盘头外周长控制确保了优质的整经
- 人性化设计
- 通过盘头数据管理控制整经质量

Operating panel, protocol interface, reporting system, network and tele-service possible

操作面板, 协议接口, 报告系统, 连网工作和远程控制



- 1 Creel sections 纱架
- 2 Thread retriever 断头复位器
- 3 Yarn break detector type Camscan 纱线断头检测器Camscan
- 4 Levelling roller WA-E 张力平衡罗拉WA-E
- 5 DSE HH 50/30 DNC machine DSE HH 50/30 DNC机器
- 6 KAMCOS® operator system KAMCOS®操作系统
- 7 Positively driven roller deviation with reed and anti-static device 主动式导纱辊, 带分纱箱和防静电装置
- 8 Prestretching zone 1 预牵伸区域1
- 9 Intermediate stretching zone 2 中间牵伸区域2
- 10 Final stretching zone 3 终端牵伸区域3

### Product features

#### 产品特点

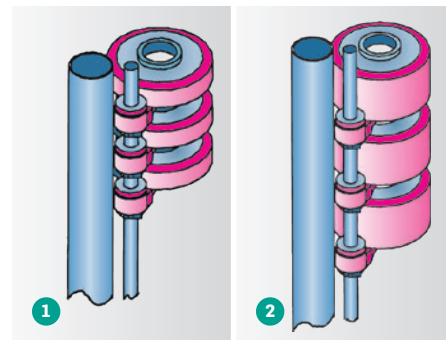
- High quality engineering for standard elastic application
- Laser system for beam build up
- Cone curve correction via list
- Computer controlled brake system ensures always the same braking distance
- All axes are driven and controlled by individual motors
- Single creel arm activation
- GEH creel with positively driven drive tube for exact yarn deliveries
  - GEH 20 tiers: max. spool diameter 200 mm and 57 mm length (tube)
  - GEH 12 tiers: max. spool diameter 200 mm and 117 mm length (tube)
- Central contact pressure adjustment
  - The contact pressure of all yarn package in the creel can be adjusted centrally.

- 用于标准氨纶整经的优质设备
- 激光检测系统控制盘头成型
- 通过列表校正张力曲线
- 电脑控制的制动系统确保恒定的制动距离
- 每个罗拉由独立的电机控制并驱动
- 可以独立控制单侧纱架
- GEH纱架配有主动旋转的退绕辊, 可确保精确退绕纱线
  - GEH 20层: 最大纱筒直径200毫米, 高度57毫米 (纸管)
  - GEH 12层: 最大纱筒直径200毫米, 高度117毫米 (纸管)
- 接触压力中心调节装置
  - 对纱架上所有纱筒的接触压力进行中心调节

### Technical facts

#### 技术参数

Max. creel speed 最大纱架退绕速度	up to 400 m/min 达到400米/分
Section beams total length 分段经轴总长度	21 inches + 42 inches 21 英寸 + 42 英寸
Section beams flange diameter 分段经轴盘面直径	21 inches + 30 inches 21 英寸 + 30 英寸
Max. yarn tension 最大纱线张力	300 N
Highest beam circumference control 精确的盘头周长控制	By automatic layer thickness control 通过自动的纱层厚度控制
Max. final elongation 最大最终牵伸率	100%
Max. pre-elongation 最大预牵伸率	210%
Creel rows 可供纱架排数	1 to 4 1到4排
Tandem warping device 双盘头整经的中间支撑	Possible 可配



- 1 GEH 20 tiers  
GEH 20层
- 2 GEH 12 tiers  
GEH 12层