



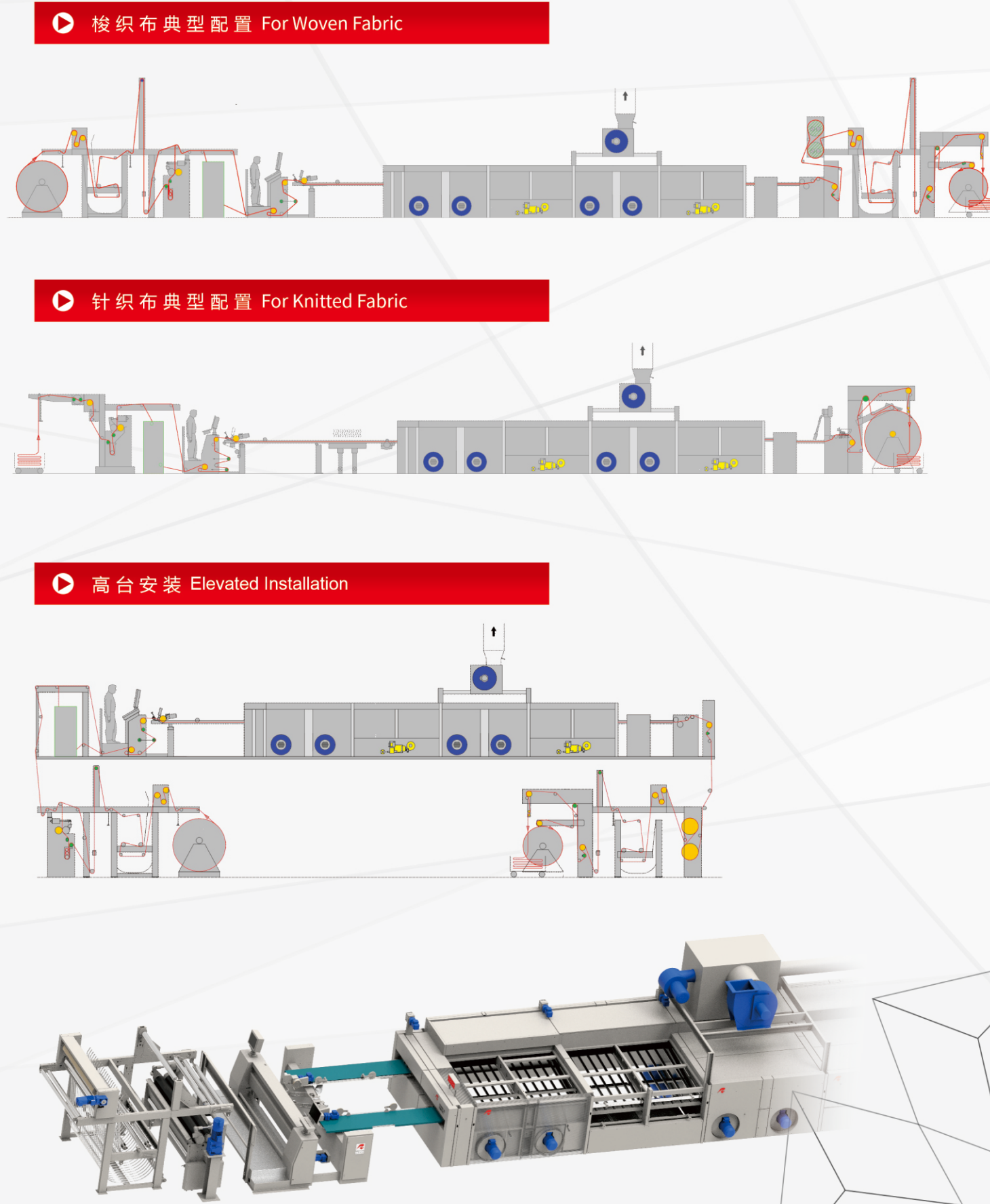
定型机工艺数字化解决方案

Smartex 2.0 Tech-Digital Solutions for Stenter



定型机配置案例

Examples of Machine Layouts



創新

Innovation

清潔

Clean

節能

Energy-Saving

智造

Intelligent



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RED FLAG

红旗H5系列拉幅定型机

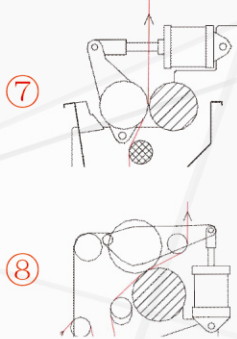
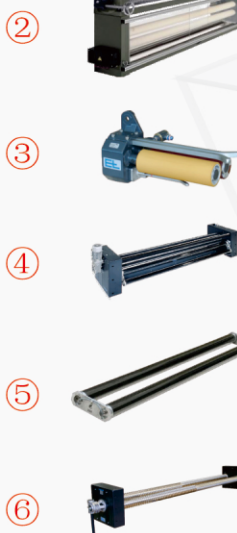
H5 Series Heat-Setting Stenter

江苏红旗印染机械有限公司
Jiangsu Red Flag Printing & Dyeing Machinery Co., Ltd

中国·无锡 | WUXI · CHINA

进布组合装置
Infeed Section

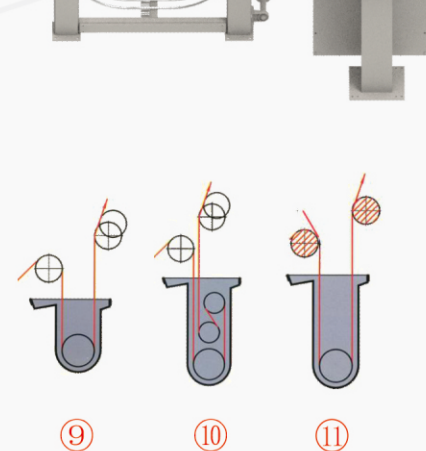
- 梭织布适用 For Woven Fabric
- 1. J型储布单元 JSpray
 - 2. 摆臂式对中装置 HQSWING Centering Device
 - 3. E+L KF 系列喂边器 E+L KF2020 Cloth Guider
- 针织布适用 For Knitted Fabric
- 4. 平移滑条式对中 HQ95 Slider Centering Device
 - 5. 红外光电检测系统 Infrared Detector System
 - 6. 角度可调的双扩幅辊 Twin Expander Roller With Angle Adjustable By Electric



高效轧车
H-Efficiency Padder

- 7. 水平轧车 Horizontal Padder
 - 8. 垂直轧车 Vertical Padder
- 液槽 Liquor Trough**
- 9. 经济型液槽 — 梭织布适用 Economy Trough for Woven Fabrics
 - 10. 大容量液槽 — 梭织布适用 Lager Capacity Trough for Woven Fabrics
 - 11. 标准型液槽 — 针梭两用 Standard Trough
 - 12. 液槽入口处的扩幅装置 Expanding Device in Front of Trough
 - A. 扩幅辊 Expander Roller
 - B. 弯辊 Bow Roller
 - C. 导布辊 Guider Roller
 - 13. 轧车入口处的扩幅装置 Expanding Device in Front of Padder
 - A. 扩幅辊 Expander Roller
 - B. 弯辊 Bow Roller

- 可供选择的轧辊硬度**
Optional Hardness
- 85 Shore A
 - 93 Shore A
 - 95 Shore A
 - 100 Shore A

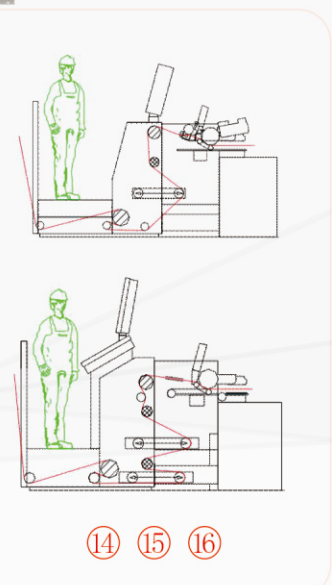


操作台
Operation Station

- 14. 超喂系统 Overfeeding System
- 15. 电动整纬辊 Number of Straightening Roller A. 1 B. 2
- 16. 扩幅辊 Number of Expander Roller A. 1 B. 2
- 17. 可视化图形操作视窗 Visualization Operation Windows HMI

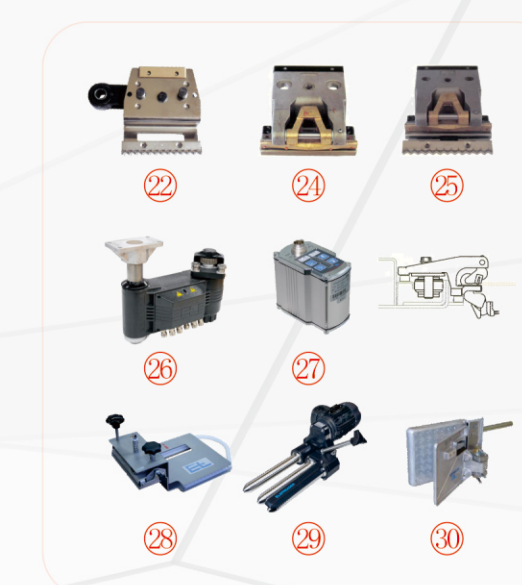
入布引导轨道
Infeed Guide Track

- 18. 轨道节数 Number of Guide Track A. 1 B. 2
- 19. 拖布绳 Support Rope
- 20. 盒型加湿器 Box Steamer
- 21. 浆边装置 Edge Sizing System



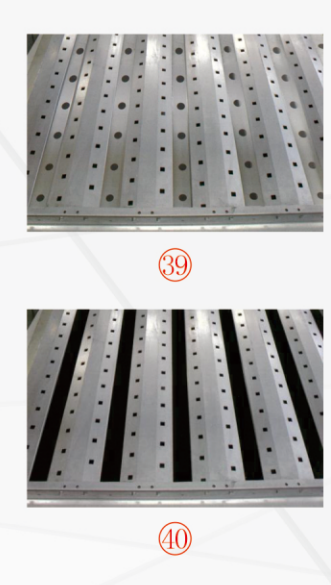
喂布上针/夹装置
Fabric Infeed System

- 22. 标准针板操作 Pin Operation
- 23. 带防风夹针板操作 Pin Operation with Cover
- 24. 布夹操作 Clip Operation
- 25. 针板+布夹组合操作 Pin+Clip Combination Operation
- 26. E+L KRS60系列追边装置 Stenter Guider System E+L KRS60
- 27. 红外线探测电眼 Infrared Edge Sensor FR55
- 28. 机械剥边板 Mechanical Selvage Opener System
- 29. 电动手指剥边 Motorized Selvage Opener System
- 30. 气动剥边装置 Pneumatic Selvage Opener System



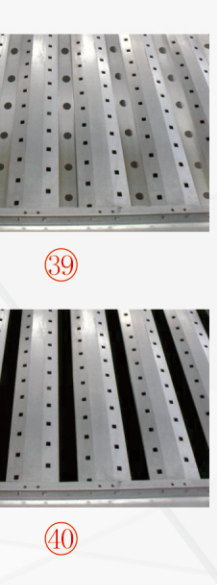
幅宽调节系统
Width Adjustment

- 31. 独立幅宽调节 Individual Width Adjustment



烘房设计
Chamber Design

- 32. 上下双风道气流单独控制 Independent Adjust for upper and lower Air-Stream
- 33. 循环风机对称交错布局 Symmetrical Arrangement of Circulating Fan
- 34. 顶置式抽湿风机 Top-Mounted Exhaust Fan
- 35. 内置排风道 Build-in exhaust tunnel
- 36. 风门旁通系统 Air-bypass system
- 37. 气流导向装置 Air-flow Guiding System
- 38. 毛尘过滤网 Lint Filter



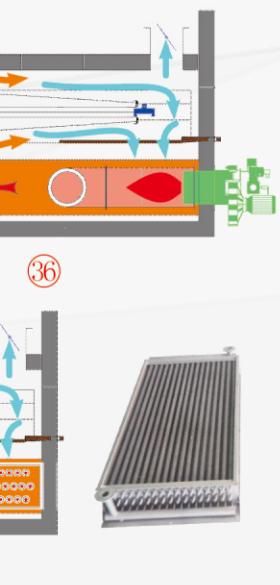
风嘴系统
Nozzle System

- 39. 气垫式风嘴系统 — 梭织布适用 Floating Nozzle System for Woven Fabric
- 40. 回风板气垫式风嘴系统 — 针织布适用 Floating Nozzle System with Return Flow for Knitted Fabric
- 41. 狭缝型风嘴系统 — 绒毛织物适用 Slot Nozzle System for Velvet Fabric



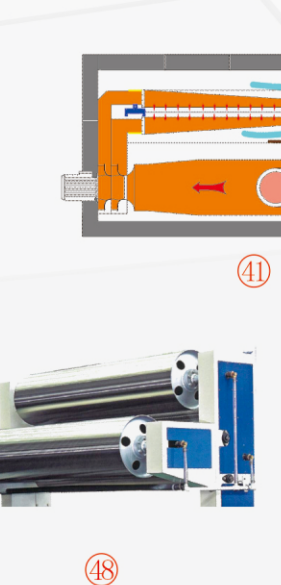
加热系统
Heating System

- 42. 天然气直接加热 Gas Direct Heating
- 43. 天然气间接加热 Gas Indirect Heating
- 44. 导热油 Radiator By Thermo Oil Heating
- 45. 蒸汽加热 Radiator By Steam Heating
- 46. 电加热 Electrical Heating



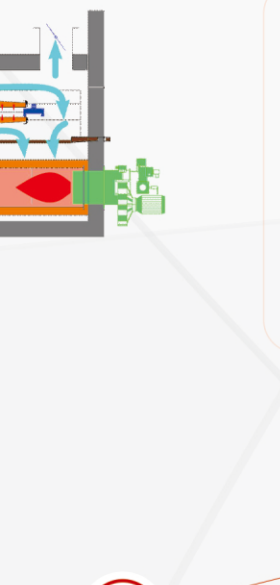
出布冷却装置
Cooling Section

- 47. 冷风区 Cooling-Fan Zone
- 48. 冷水滚筒 Cooling Drum



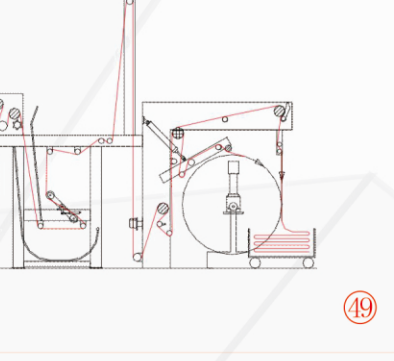
出布组合装置
Outlet Section

- 49. 摆布 Plaiter
- 50. 表面打卷 Surface Batcher
- 51. 中心打卷 Center Winding Batcher
- 52. J型储布单元 JSpray



电气自动化控制系统 Smartex 2.0
Electric Control System Smartex 2.0

- 53. 基于西门子博途 S7-1500平台 Based on Siemens TIA S7-1500 platform
- 54. 工艺和配方管理系统 Processing and Recipe Managerial System
- 55. 故障和临界状态下的警告信息 Error Detection and Warning Forwarding at Critical Condition
- 56. 远程调试和运维服务 Remote Commissioning and Maintenance Service
- 57. ERP或中控数据接入端口预留 Reserves Data Packet Access Port for ERP system



选配
Optional

- 58. 纬密测控(克重) Control of Weft Density Detection(Gram-Mass)
- 59. 废气排放湿度测控 Control of Exhaust Air Humidity
- 60. 切边装置 Edge Cutter
- 61. 布面温度测控 Hq-Matic Fabric Temperature Control System
- 62. 光电整纬器 Optical Weft Straightener
- 63. 过滤器清洁 Filter Cleaning System

