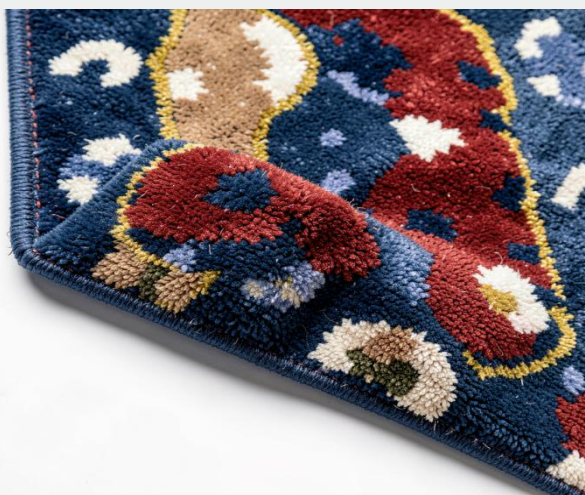




DGE-M8系列厚织物数码直喷印花机

Thick Fabrics Digital Printing Machine

高渗透 · 高牢度 · 绿色智造

High Penetration · High Fastness · Green Intelligent Manufacturing



LISTEN

倾听 倾听客户需求

DEVOTE

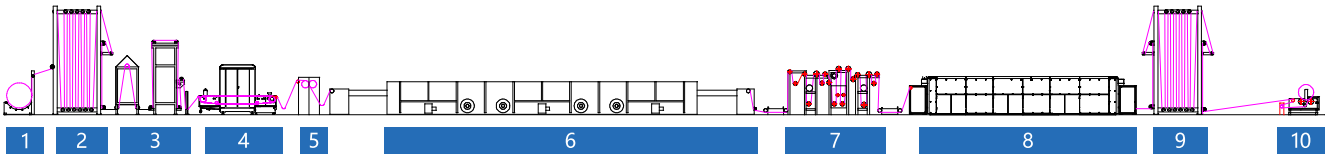
倾心 倾心与客户共同思考解决方案

STRIVE

倾力 倾力为客户解决问题

西安德高印染自动化工程有限公司

Xi'an Degao Dye.&Pri. Auto Engineering Co.,Ltd.



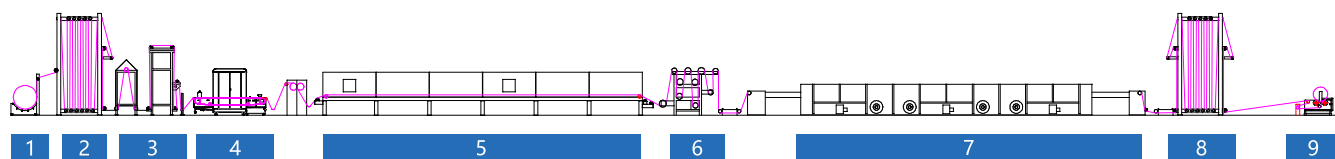
DGE-M8 涤纶地毯印花生产线 Polyester Carpet Printing Production Line

放卷机构/缝合机	1	Let off / Sewing Machine
储布架	2	Fabric Storage Rack
对中装置	3	Center Guide
预洗及抽空装置(可选)	3	Pre-washing and Evacuation Device (optional)
预涂装置(可选)	3	Pre-coating Device (optional)
预蒸装置(可选)	3	Pre-steaming Unit (optional)
DGE-M8 数码印花机	4	DGE-M8 Digital Printing Machine
渗透装置 (可选)	5	Penetration Device(optional)
烘干及热风固色装置	6	Drying and Hot Air Fixing Device
水洗装置	7	Washing Device
拉幅烘箱或传送带烘箱	8	Tenter Dryer or Conveyor Belt Dryer
储布架	9	Fabric Storage Rack
收卷	10	Winding

应用 Application

涤纶地毯应用于家用地毯、酒店地毯、展厅地毯、室内活动地毯等多个场景
Polyester carpet is applicable to multiple scenarios, including household carpets, hotel carpets, exhibition hall carpets and indoor event carpets.





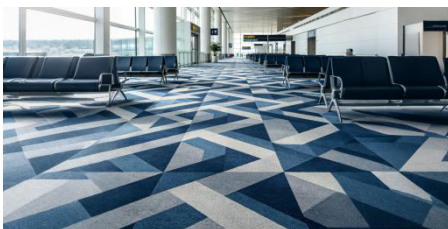
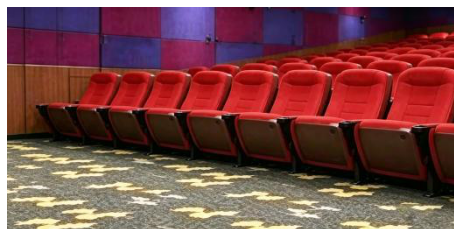
DGE-M8 尼龙地毯印花生产线 Nylon Carpet Printing Production Line

放卷机构/缝合机	1	Let off / Sewing Machine
储布架	2	Fabric Storage Rack
对中装置		Center Guide
预洗及抽空装置(可选)	3	Pre-washing and Evacuation Device (optional)
预涂装置(可选)		Pre-coating Device (optional)
预蒸装置(可选)		Pre-steaming Unit (optional)
DGE-M8 数码印花机	4	DGE-M8 Digital Printing Machine
蒸箱	5	Steamer
水洗装置	6	Washing Device
拉幅烘箱或传送带烘箱	7	Tenter Dryer or Conveyor Belt Dryer
储布架	8	Fabric Storage Rack
收卷	9	Winding

应用 Application

尼龙地毯应用于商场、机场、高铁站、展览中心、影院、运动场馆等场合

Nylon carpets are used in venues such as shopping malls, airports, high-speed railway stations, exhibition centers, cinemas, and sports facilities.



地毯纤维及染色类别 Carpet Fiber and Dyeing Types

地毯数码印花 Digital Carpet Printing		尼龙 Nylon(PA)	羊毛 Wool (WO)	聚酯纤维 Polyester(PTT)	涤纶 Polyester(PET, PES)
		•价格高 Expensive •回弹性好 Good resilience •易于加工 Easy to process	•价格相当高 Quite expensive •回弹性中等 Moderate resilienc •色彩暗淡 Dull color	•价格略低于尼龙 Slightly lower price than nylon •回弹性相当好 Fairly good resilience •易于加工 Easy to process	•价格低 Low cost •色牢度佳 Good color fastness •低度回弹 Low resilience •不易加工 Difficult to process •色彩明亮鲜艳 Bright and vivid color
特性与色牢度 Characteristics and Color Fastness	回弹性 Resilience	+++	++	++	--
	阻燃 Flame Retardant	++	+++	++	+/-
	防污 Stain Resistance	-	+	+++	+++
	日晒牢度 Light Fastness	++	++	++	+++
	水洗牢度 Washing Fastness	++	++	++	+++
	漂白牢度 Bleaching Fastness	+	+	++	+
用途 Application		工程毯、拼块毯、可洗涤地垫 Engineering carpet、Carpet tile、Washable floor mat	家用块毯、工程毯 Household carpet tiles、Engineering carpet	工程毯、拼块毯、家用块毯 Engineering carpet、Carpet tile、Household carpet tiles	家用块毯、门垫 Household carpet tiles、Door mat
染料类别与工艺印花 Dye Category and Process Printing	酸性 Acid	•100℃汽蒸 3-6 分钟 Steaming at 100℃ for 3-6 minutes •喷淋 Spraying •抽吸 Suction extraction •喷淋 Spraying •抽吸 Suction extraction •烘干 Drying	•100℃汽蒸 8-10 分钟 Steaming at 100℃ for 8-10 minutes •喷淋 Spraying •抽吸 Suction extraction •喷淋 Spraying •抽吸 Suction extraction •烘干 Drying		
	分散性 Dispersibility			•100℃汽蒸 5-8 分钟 Steaming at 100℃ for 5–8 minutes •喷淋 Spraying •抽吸 Suction •水洗 Washing •喷淋 Spraying •抽吸 Suction extraction •烘干 Drying	•烘干 Drying •100℃热气流固色 1 分钟 Heat-setting with hot air at 100℃ for 1 minute •喷淋 Spraying •抽吸 Suction •还原洗涤 Reduction Washing •抽吸 Suction extraction •冷水洗涤 Cold water washing •抽吸 Suction extraction •烘干 Drying
	活性 Reactive	•100℃汽蒸 6-8 分钟 Steaming at 100℃ for 6–8 minutes •喷淋 Spraying •抽吸 Suction extraction •喷淋 Spraying •抽吸 Suction extraction •烘干 Drying	•100℃汽蒸 6-8 分钟 Steaming at 100℃ for 6–8 minutes •喷淋 Spraying •抽吸 Suction extraction •喷淋 Spraying •抽吸 Suction extraction •烘干 Drying		

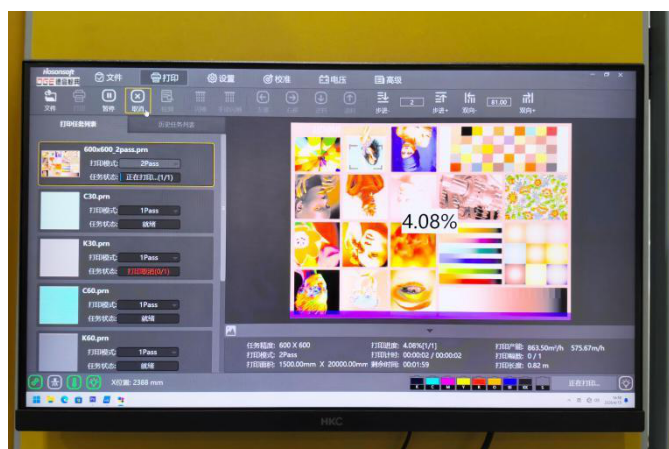
产品型号 Product Model			DGE-M8-260	DGE-M8-320	DGE-M8-420	DGE-M8-520
喷头 Print Head	类型 Type	日本工业喷头，精工RC1536系列 / 星光SG1024系列 Japanese industrial printheads, Seiko Rc1536 Series / StarFire Sg1024 Series				
	多种排列方式 Arrangement	精工 Seiko RC1536: 4×5 / 4×10		6×5 / 6×10	8×5 / 8×10	
		星光 StarFire SG1024: 7×5 / 7×10		10×5 / 10×10	13×5 / 13×10	
	颜色排列 Color Sequence	10 通道对称 / 20 通道对称 10-channel symmetric / 20-channel symmetric				
	精度 Precision	精工 Seiko RC1536 : 360dpi - 1440dpi				
		星光 StarFire SG1024 : 400dpi - 1600dpi				
工作喷射距离 Working Jet Distance	精工 Seiko RC1536 : 7 ~ 11 mm					
	星光 StarFire SG1024 : 3.5 ~ 5 mm					
导带 Guide Belt			DGE 专用芳纶导带 DGE Specialized Aramid Conveyor Belt			
最大打印宽度 Max Print Width			2600mm	3200mm	4200mm	5200mm
车速 Machine Speed	DGE-M8-S	1 pass	700 m²/h	800 m²/h	900 m²/h	1000 m²/h
		2 pass	370 m²/h	416 m²/h	480 m²/h	512 m²/h
	DGE-M8-M	1 pass	1000 m²/h	1150 m²/h	1300 m²/h	1450 m²/h
		2 pass	560 m²/h	620 m²/h	700 m²/h	750 m²/h
	DGE-M8-L	1 pass	1300 m²/h	1500 m²/h	1750 m²/h	1900 m²/h
		2 pass	700 m²/h	800 m²/h	900 m²/h	1000 m²/h
适用墨水 Compatible Ink	墨水类型 Ink type		高温分散、酸性 、涂料、活性 High-temperature dispersion, Acidity, Pigment, Active			
	墨水颜色 Ink color		青 C、品红 M、黄 Y、黑 K、橙 O、大红 R、B 宝蓝、G 绿；可选 LM、LC、LK Cyan C,Magenta M,Yellow Y,Black K,Orange O,Bright red R,Sapphire blue B , Green G; Optional LM,LC,LK			
适用织物 Print Media			珊瑚绒、法兰绒、兔毛、仿貂、羊羔绒、拉舍尔、地毯 Coral Fleece, Flannel Fleece, Faux Rabbit Fur, Faux Mink Fur, Sherpa Fleece, Raschel And Carpet			
软件 Software			西班牙 RIP 软件 Spanish RIP software			
图像类型 Image Type			文件格式 (file format) : TIF/JPG/EPS/PDF 色彩模式 (color pattern) : RGB/CMYK			
数据传输 Data Transmission			千兆光纤 (Gigabit fiber) / USB3.0			
功能配置 Functional	导带烘干 Belt Drying		热风烘干系统 Hot air drying system			
	供墨系统 Ink supply System		工业级负压脱气供墨，喷头墨水内循环功能 Industrial-grade negative pressure degassing ink supply print head ink internal circulation function			
	智能清洗 Intelligent Cleaning		自动清洗与自动保湿 Automatic cleaning and automatic moisture retention			
	水洗系统 Washing System		双毛刷辊 Double-brush roller 双海绵 Double-layer sponge 除水风刀 Water-removing air knife		双洁净辊 Double clean roller 智能喷淋 Intelligent Sprinkler 多重干燥 Multiple drying	
工作环境 Work Environment	电源 Power Supply		AC380V±5%,三相五线 (Three-phase five-wire system) 50Hz			
	功率 Power		打印系统(Printing system): 20kW 加热系统(Heating system): 20-80kW			
	气压 Air Pressure		0.6~0.8Mpa 手动调节(manual adjustment)			
	温湿度 Temperature and Humidity		环境室温: 推荐 25-30℃ 环境湿度: 推荐 60-80% Ambient temperature:Recommended 25-30℃ Ambient humidity:Recommended 60-80%			

优势特点

高强度主梁 High-strength Main Beam

高强度主梁为打印小车核心承重导向结构，兼具工字梁高强抗弯与上下双梁优异抗扭性能，适配超长跨度、高速运行与高精度打印定位需求。

The high-strength main beam serves as the core load-bearing and guiding structure of the printing carriage. It features high bending rigidity of I-beams and excellent torsional resistance of upper and lower double beams, meeting the requirements of ultra-long span, high-speed operation and high-precision printing positioning.



仿真软件 Simulation Software

西班牙RIP软件，管控墨水、规划生产流程，精准控色、提升花型层次感，确保运行稳定高效。

Spanish RIP software realizes ink control and production scheduling, delivers accurate color reproduction and rich pattern layers, and ensures stable and efficient operation.

小车组件 Carriage Assembly

直线电机驱动扫描式打印小车，大距离高位喷射，安全可靠，可适配高速、高精度、高负载工况，精准锁定喷头位置，保证墨滴落点精准、供墨稳定，为工业喷墨打印提供稳固机械支撑。

The scanning printing carriage is driven by a linear motor, featuring long-distance high-position inkjet that is safe and reliable.adapting to high-speed, high-precision and heavy-load working conditions. It keeps the printhead positioned stably, ensures accurate ink droplet placement and consistent ink supply, and provides a solid mechanical support for industrial inkjet printing.



墨路控制 Ink Path Control System

墨路控制系统通过恒温维持墨水粘度稳定，确保墨滴形态与轨迹可控，避免环境干扰及结晶沉淀，提升墨水适应性，保障喷墨稳定可靠与印刷质量。多级过滤系统可提升墨水纯净度，增强印花质量与设备稳定性，并延长墨路配件寿命。

The ink path control system maintains stable ink viscosity via constant temperature, ensuring controllable droplet shape and trajectory, preventing crystallization and environmental interference, improving ink adaptability, and ensuring reliable inkjet printing quality. The multi-stage filtration system enhances ink purity, printing quality, and equipment stability, while extending the life of ink path components.

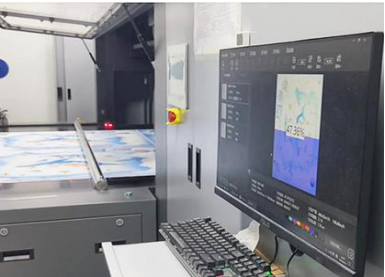
质保与服务
Warranty and Service

售前服务承诺 Pre-sale Service Commitment

- 提供专业咨询：我们在12小时之内回复您所提出的任何专业技术问题
- Professional Consultation: We will respond to any professional technical questions you raise within 12 hours.
- 提供详细资料：确认您的需求后，我们会发送给您技术配置资料
- Detailed Documentation: After confirming your requirements, we will send you the technical specification documents.
- 提供合理报价：我们对您所要求的产品进行合理报价
- Reasonable Quotation: We will provide a fair and reasonable quotation for the products you request.
- 提供考察接待：我们随时接待您到工厂考察，并为您提供各种便利条件
- Factory Visit Arrangement: We welcome you to visit our factory at any time and will provide all necessary arrangements for your convenience.

售后服务承诺 After sales Service Commitment

- 保修服务：提供一年质保和终身跟踪维修服务
- Warranty Service: We provide 1 year warranty and lifetime after-sales service support
- 安装服务：我司将派专业技术人员到现场进行安装，调试服务
- Installation Service: We will send professional technicians to provide on-site installation and debugging services
- 操作培训：我们将有专业的技术人员对贵公司员工进行操作培训
- Operation Training: We will have professional technical personnel to provide operation training to your employees
- 远程维护：如果设备在使用过程中出现问题，我们提供远程维护，维修服务指南
- Remote Maintenance: In case of any issues with the equipment during use, we provide remotesguidance for maintenance services.

		
生产 Produce	组装 Assemble	总装调试 Production completed and debugged
		
现场安装调试 On site installation and debugging	1年质保，终身跟踪服务 1 year warranty, lifetime service	远程维护，方便日常使用 Equipped with remote maintenance for daily use

品质为先

Quality First

服务至上

Service Foremost



西安德高机电企业集团始建于1998年，专业从事纺织品数码印花机、圆网印花机、印花智能装备和印染自动化新技术新设备的研究与制造，是集科研、制造、贸易为一体的纺织品印花成套装备专业制造商和印花生产管理系统服务商。

德高公司是国家高新技术企业，公司拥有专利90多项，是导带数码印花机、圆网印花机和平网印花机的国家行业标准定标单位之一。

德高29年专注于纺织印染行业，DGE-M8系列数码印花机，专注厚织物数码印花全流程的高效生产整体解决方案，应用于毛绒地毯和地毯的印花领域。

德高公司生产的所有机械设备及元器件均经过严格的检验测试后交付客户使用，以确保客户现场高效的安装、运行效果最佳，确保客户百分之百的满意度。

Xi'an Degao Machinery Enterprise Group was founded in 1998. It specializes in the research and manufacturing of digital textile printing machines, rotary screen printing machines, intelligent printing equipment and new technologies and equipment for automated printing and dyeing. It is a professional manufacturer of complete sets of textile printing equipment and a service provider of printing production management systems that integrates scientific research, manufacturing and trade.

DGE is a national high-tech enterprise with more than 90 patents. It is one of the national industry standard setting units for belt digital printing machines, rotary screen printing machines, and flat screen printing machines.

With 29 years of dedication to the textile printing and dyeing industry, DGE has developed the DGE-M8 Series thick fabric Digital Printing Machines, focusing on high-efficiency overall production solutions for the entire digital printing process. These machines are widely applied in the printing of fleece blankets and carpets.

All mechanical equipment and components manufactured by DGE undergo strict inspection and testing before delivery to customers, ensuring efficient on-site installation, optimal operational performance, and 100% customer satisfaction.

联系我们
CONTACT US

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