

DGE

数字化圆网印花机 ▶
DIGITAL ROTARY SCREEN PRINTING MACHINE

高速数码印花机 ▶
HIGH SPEED DIGITAL PRINTING MACHINE



德高机电
DEGAO MACHINERY



西安德高印染自动化工程有限公司是一家拥有自有品牌，具有研发，设计，生产，调试，销售，安装和培训的专业纺织品印花装备的制造商。目前印花机设备销往全球30多个国家，已有超过500台印花机在全球安装与运行。

德高机电成立于1998年，有27年的设计和生产经验，20多人的研发工程师团队，50多位专业技能和检测检验人员，我们拥有电气实验室，机械实验中心，三维检测技术设备，保障印花机设备的精准度与质量。

我们主要的产品包括圆网印花机和高速直喷扫描式数码印花机，我们提供纺织印花机，我们提供印花机解决方案，根据不同的要求提供有效的解决方案。

德高机电被授予陕西省纺织印染智能制造工程技术研发中心，通过了ISO9001质量体系认证，圆网印花机、平网印花机、数码印花机国家标准定制单位之一。

DGE是值得信赖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。我们一直致力于为客户提升设备生产力、为印染企业提质增效降消耗，并不断地寻求新的合作商机。

Xi 'an Degao Printing and Dyeing Automation Engineering Co., Ltd. have our own brand.professional manufacturer specializing in the research and development, design, production, commissioning, sales, installation and training of complete sets of textile printing equipment.At present, printing machine equipment is sold to over 30 countries around the world, and more than 500 printing machines have been installed and are in operation globally.

DGE machinery was established in 1998 and has 27 years of design and production experience. We have a team of over 20 R&D engineers and more than 50 professional technicians and inspection and testing personnel. We have an electrical laboratory, a mechanical testing center, and 3D inspection technology equipment to ensure the accuracy and quality of printing machine equipment.

Our main products include rotary screen printing machines and high-speed direct-jet scanning digital printing machines. We offer textile printing machines and provide printing machine solutions, offering effective solutions based on different requirements.

DGE has been awarded the Shaanxi Province Textile Printing and Dyeing Intelligent Manufacturing Engineering Technology Research and Development Center. It has passed the ISO9001 quality system certification and is one of the standardization units for round screen printing machines, flat screen printing machines and digital printing machines.

DGE is a reliable manufacturer of complete textile printing equipment and a service provider of printing production management systems. We have been dedicated to enhancing the productivity of equipment for our customers, improving the quality and efficiency of dyeing enterprises, and continuously seeking new business opportunities for cooperation.

7280A (高速型)

磁棒+刮刀通用式圆网印花机

7280A (High Speed Type)

Magnetic+Squeegee Universal Type Rotary Screen Printing Machine



7280C (任意花回型)

磁棒+刮刀通用式圆网印花机

7280C(Arbitrary Repeat Type)

Magnetic+Squeegee Universal Type Rotary Screen Printing Machine

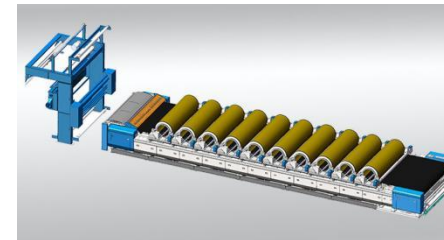


7280D (超大回花型)

磁棒+刮刀通用式圆网印花机

7280D(Super Large Type)

Magnetic+Squeegee Universal Type Rotary Screen Printing Machine



DGE-M9 (高速型)

导带式直喷数码印花机

DGE-M9(High Speed Type)

Belt Type Direct Spray Digital Printing Machine



产品目录 CONTENTS



高新技术企业
Hi-tech Enterprise



ISO9001-2000质量体系认证
ISO9001 Quality Management
System certificate



陕西省认定企业技术中心
Technology Center of
Shaanxi Enterprises



Textile Printing & Dyeing
automatic Engineering
Technology Center



陕西省著名商标
Famous trademark



政府支持
Government Supported
国家农业高新技术示范园
科技部节能降耗专项
陕西省重大科技产业化专项



圆网印花机行业标准参与制定单位
Industrial Standard
Setting Unit

Listen

Listen To The Needs Of Customers

Devote Oneself Wholeheartedly

Spare No Effort To Solve Problems For Customers

Devoted To The Heart

Devote Ourselves To Thinking About Solutions Together With Customers

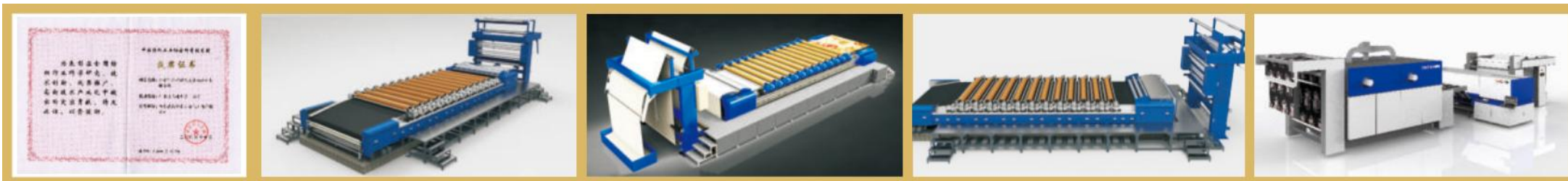
发展历程

DEVELOPMENT HISTORY

1991年 In the year of 1991	公司前身：西北纺织工学院电子应用技术研究 The Electronic Application Technology Research Institute of Northwest University of Textile Science and Technology
1999年 In the year of 1999	公司成立 The company was founded
2000年 In the year of 2000	国内首台"独立传动自动对花系统"研制成功 The first independent transmission and automatic registration system in China is developed and applied
2002年 In the year of 2002	"独立传动自动对花系统"荣获"中国机械工业联合会科学技术奖"二等奖 The independent transmission and automatic registration system won the second prize of China machinery industry science and technology award
2003年 In the year of 2003	国内首台"新型全伺服平网印花机"研制成功 The first full servo flat screen printing machine in China is successfully developed and applied
2004年 In the year of 2004	通过ISO9001国际质量体系认证 The enterprise has gained ISO9001 International Quality System Certification
2005年 In the year of 2005	国内首台"印染工艺参数在线检测系统"研制成功 The first "technology parameters on-line testing system" in China was successfully developed and applied
2006年 In the year of 2006	"全伺服平网印花机"荣获 "中国纺织工业协会科学技术进步奖" 二等奖 Full servo flat screen printing machine won the Second Prize of China textile industry science and technology progress award
2007年 In the year of 2007	"全数字特宽幅磁棒式圆网印花机" 研制成功 Full Digital wide magnetic rotary screen printing machine is successfully developed and applied
2008年 In the year of 2008	"印染工艺参数在线检测系统"荣获"中国纺织工业协会科学技术奖"二等奖 'Technology parameters on-line testing system' won the second prize of China textile industry science and technology award



2009年 In the year of 2009	“壁纸圆网印刷生产线”研制成功 "Wallpaper rotary screen printing production line" is successfully developed and applied
2011年 In the year of 2011	“全数字特宽幅磁棒式圆网印花机”荣获“中国纺织工业协会科学技术进步奖”二等奖 Full Digital wide magnetic rotary screen printing machine won the second prize of China textile industry science and technology progress award
2012年 In the year of 2012	“壁纸圆网印刷生产线”荣获“西安市政府科学技术奖”一等奖 "Wallpaper rotary screen printing production line" won the first prize of Xi 'an city government science and technology award
2013年 In the year of 2013	“壁纸圆网印刷生产线”荣获“中国机械工业联合会科技进步奖”二等奖 "Wallpaper rotary screen printing production line" won the second prize of China machinery industry federation science and technology progress award
2015年 In the year of 2015	“智能型多用途圆网印花机”研制并应用成功 过ISO9001国际质量体系认证 "Intelligent multi-purpose rotary screen printing machine" is "is successfully developed and applied
2017年 In the year of 2017	“智能型多用途圆网印花机”荣获“中国纺织工业联合会科学技术奖”二等奖 "Intelligent multi-purpose rotary screen printing machine" won the second prize of China machinery industry federation science and technology award
2018年 In the year of 2018	“智能型多用途圆网印花机”荣获““西安市政府科学技术奖”一等奖 "Intelligent multi-purpose rotary screen printing machine" won the first prize of Xi'an city government science and technology award
2019年 In the year of 2019	“新型多功能圆网印花机及其产业化”荣获“陕西省科学技术进步奖”一等奖 "The new multifunctional rotary screen printing machine and its industrialization" won the first prize of Shaanxi Province science and technology progress award
2019年 In the year of 2019	“DGE9190系列高速数码印花机”研制成功 "DGE9190 Series High Speed Digital Printing Machine" is successfully developed and applied
2022年 In the year of 2022	“DGE-M9导带式直喷数码印花机系列产品”研制成功 "DGE919 Belt type direct spray digital printing machine series products" is successfully developed and applied



企业理念 ENTERPRISE CONCEPT

德高望重 诚信恒远

坚守职业道德，以良好的道德风范赢得市场

坚持诚信原则，追求企业的永续发展

Highly Respected Integrity Always

Stick to occupation morality, gain the market with our merit virtue

Keep to the principle of honesty, pursuit of the sustainable development of the enterprise

企业使命 ENTERPRISE MISSION

让德高公司永远成为客户可以依赖的合作伙伴努力成为装备制造领域中最卓越的公司，员工安居乐业，企业和谐发展

Let DGE Become The Reliable Partner Of Client Forever

Strive to become the most outstanding company in the field of equipment manufacturing, employees live in peace and happy to work, enterprise develop harmoniously

服务网络

SERVICE NETWORK

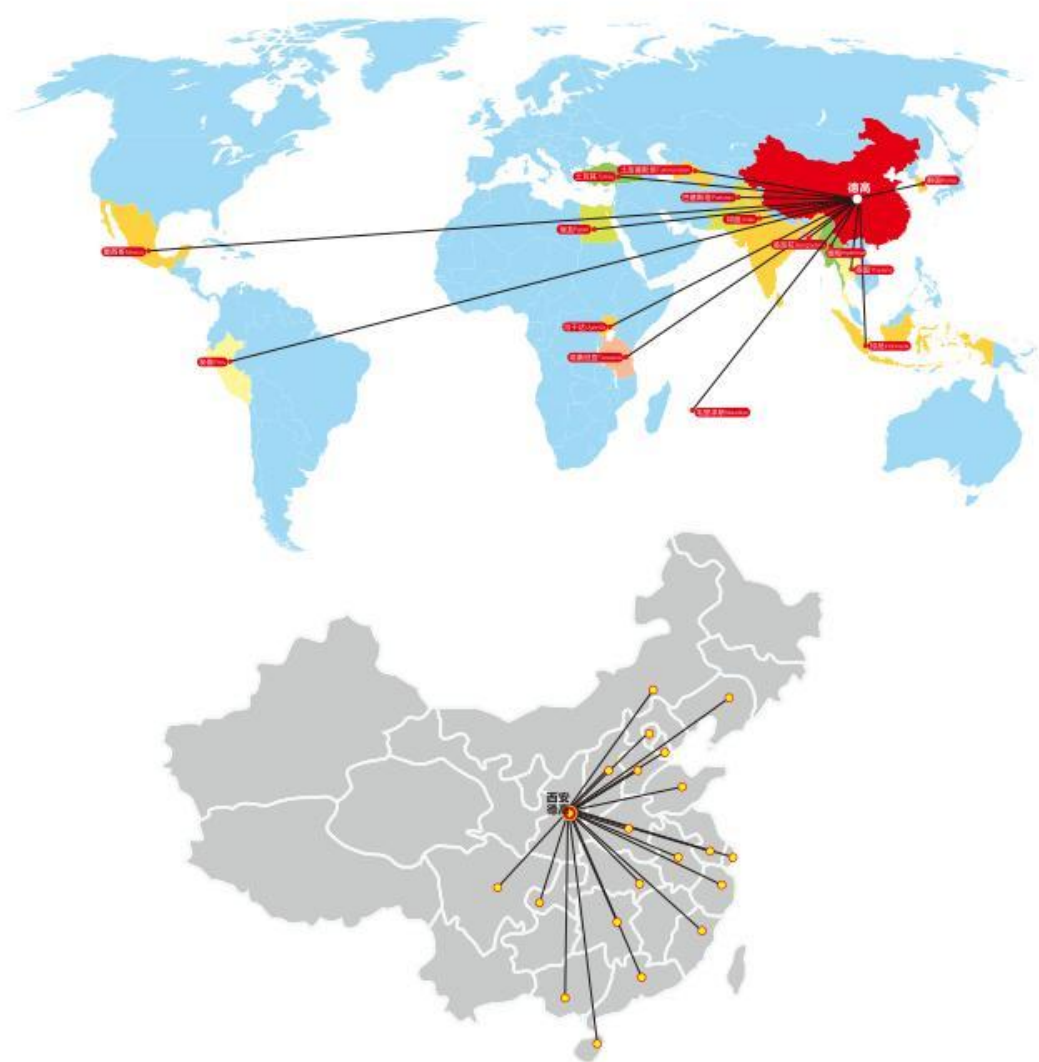
● 国外服务网

Foreign service network

- 印尼 Indonesia
- 印度 India
- 秘鲁 Peru
- 孟加拉 Bangladesh
- 缅甸 Myanmar
- 埃及 Egypt
- 坦桑尼亚 Tanzania
- 土耳其 Turkey
- 泰国 Thailand
- 韩国 South Korea
- 巴基斯坦 Pakistan
- 毛里求斯 Mauritius
- 墨西哥 Mexico
- 乌干达 Uganda
- 土库曼斯坦 Turkmenistan

● 国内服务网

Domestic service network





7280系列磁棒+刮刀通用式圆网印花机

7280 Series Magnetic+Squeegee Universal Type Rotary Screen Printing Machine



7280A(高速型) 主要特点

- 高速高精度印花，最高印花车速可达100米/分钟
- 印花方式可选择磁棒式与刮刀式任意组合
- 工业现场总线数据传送、远程故障诊断及监控
- 导带传动采用欧洲一体化伺服电机+精密减速箱
- 双梁可升降式印花单元，维护清理简便
- 正副手双面数字式独立操作控制台
- 欧洲品牌伺服电机、精密行星齿轮减速机

7280A(High Speed Type)Main Features

- High speed and high accuracy printing,the highest printing speed could reach 100m/min
- More available printing types-magnetic type,squeegee type,or arbitrary combination
- Industrial field bus data transfer,remote diagnosis and monitoring
- Adopting Europe integration servo motor and precision reducer in belt transmission motor
- Simple maintenance and cleaning procedure by adopting double girder and liftable printing unit
- Positive and negative double side digital independent operations console
- European brand servo motor,precision planetary gear reducer

产品名称	DGE7280A 圆网印花机								
1.印花单元									
型号	7280A(高速型)								
公称幅宽(cm)	180	200	220	240	260	280	300	320	340
有效印花幅宽(cm)	162	185	205	225	245	265	285	305	325
标准套色	4/6/8/10/12/14/16								
适用花回(mm)	577、640、820、914、1018								
适用面料	针织布料，梭织布料								
工艺车速	4～100m/min								
印花方式	磁力式+刮刀式任意组合								
对花精度	±0.1mm								
传动方式	导带传动：菲仕伺服电机								
	印花单元：欧洲伺服电机独立传动								
车 别	左/右 手(由客户指定)								
2.进布架单元									
型号	T2181		T2280		T2381		T2480		
类型	梭织布标准型		梭织针织布两用型		梭织针织增强型		针织专用型		
3.烘房单元									
型 号	S3013		S3023		S3033		S3055		
烘房节数	4/5		5		4/5		7/8		
适用织物	梭织布		双面渗透蜡印布印花		针织布		厚织物		
机械速度	5～100m/min(50HZ)								
烘房温度	80℃～200℃								
烘燥热源	导热油/蒸汽/天然气（出厂标配：导热油）								
4.所需动力配置									
供电电源	AC3-380V±10%，50Hz								
装机容量	160 KW								
压缩空气	0.6～0.8MPa								
水 源	0.2～0.4MPa								

Name	DGE7280A Rotary Screen Printing Machine									
1.Printing unit										
Model	7280A(High Speed Type)									
Nominal width(cm)	180	200	220	240	260	280	300	320	340	
Effective printing width(cm)	162	185	205	225	245	265	285	305	325	
Standard colors	4/6/8/10/12/14/16									
Repeat size(mm)	577、640、820、914、1018									
Printing varieties	Knitted fabric, woven fabric									
Printing speed	4 ~ 100m/min									
Printing type	magnetic type + scraper type(any combination)									
Alignment accuracy	±0.1mm									
Transmission mode	Guide belt drive: Physis servo motor									
	Printing unit: Independently driven by Europe servo motor									
Machine operation	Left/right hand (It depends on actual use)									
2.Feeding cloth unit										
Model	T2181		T2280		T2381		T2480		H2181	H2280
Type	woven fabric standard model		woven and knitted fabric standard model		woven and knitted fabric strengthen model		knitted fabric dedicated model		woven fabric constant speed print model	woven knitted fabric standard model
3.Dryer unit										
Model	S3013			S3023			S3033		S3055	
Dryer sections	4/5			5			4/5		7/8	
Applicable fabric	woven fabric			Double-sided penetrative wax printing on fabric			knitted fabric		Thick fabric	
Speed	5~100m/min(50HZ)									
Dryer temperature	80℃~200℃									
heat source	Heat transfer oil/Steam/natural gas (standard: Heat transfer oil)									
4.Power configuration										
Power supply	AC3-380V±10 % , 50Hz									
Total power	160 KW									
Compressed air	0.6~0.8MPa									
Water source	0.2~0.4MPa									

优势

Advantage

●高速度高精度

印花工艺车速100米/分钟，提高印花产品的生产效率，适合大批量订单

●图案精细与一致性高

图案细节可精确到 $\pm 0.1\text{mm}$ ，适合几何花纹、线条、渐变等复杂设计。

●自动化控制

自动对花系统：精准校准多色套印位置。
在线检测：实时监控印花缺陷（如堵网、漏浆）

●High Speed And High Precision

The Printing process speed is 100 m/min, Improve The Production Efficiency Of Printing And Be Suitable For Large Orders.

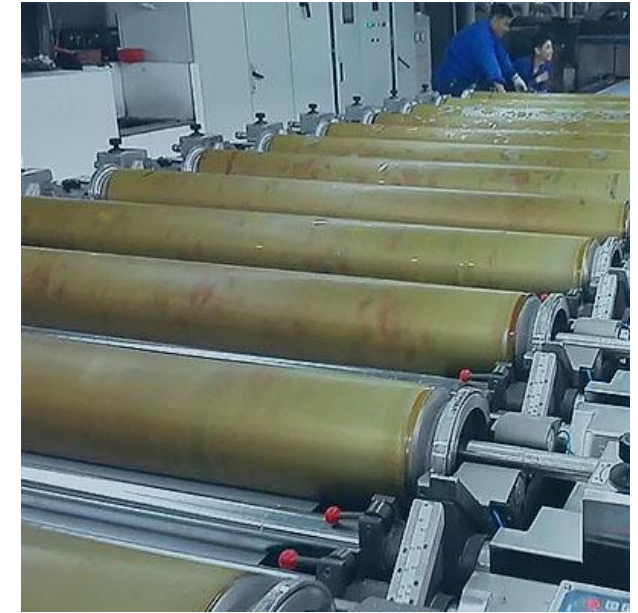
●The Patterns Are Fine And Have High Consistency

The Pattern Details Can Be Precise To $\pm 0.1\text{mm}$, Making It Suitable For Complex Designs Such As Geometric Patterns, Lines, And Gradients.

●Automated Control

Automatic Alignment System: Precise Calibration Of Multi-Color Registration Positions.

Online Detection: Real-Time Monitoring Of Printing Defects (Such As Screen Clogging And Paste Leakage)





7280C (任意花回型) 主要特点

- 印花花回任意无级变换，最大花回1828mm
- 印花方式可选择磁棒式与刮刀式任意组合
- 厚重织物独立压辊设计
- 双梁可升降式印花单元，维护清理简便

7280C(Arbitrary Repeat Type) Main Features

- Changeable printing repeat.1828mm maximum
- More available printing types-magnetic type,squeegee type,or arbitrary combination
- Thick and heavy fabric independent pressing roller design
- Simple maintenance and cleaning procedure by adopting double girder and liftable printing unit

产品名称	DGE7280C 圆网印花机									
1.印花单元										
型号	7280C (任意花回)									
公称幅宽(cm)	180	200	220	240	260	280	300	320	340	
有效印花幅宽(cm)	162	185	205	225	245	265	285	305	325	
标准套色	3/6/9/12									
适用花回(mm)	640~820~914~1018、1018~1450、1450~1828									
适用面料	针织布料，梭织布料									
工艺车速	4~ 100m/min									
印花方式	磁力式+刮刀式任意组合									
对花精度	±0.1mm									
传动方式	导带传动：菲仕伺服电机									
	印花单元：欧洲伺服电机独立传动									
车 别	左/右 手(由客户指定)									
2.进步架单元										
型号	T2181		T2280		T2381		T2480		H2181	H2280
类型	梭织布标准型		梭织针织布两用型		梭织针织增强型		针织专用型		梭织布恒速印花型	梭织针织标准型
3.烘房单元										
型 号	S3013		S3023			S3033		S3055		
烘房节数	4/5		5			4/5		7/8		
适用织物	梭织布		双面渗透蜡印布印花			针织布		厚织物		
机械速度	5~100m/min(50HZ)									
烘房温度	80℃~180℃									
烘燥热源	导热油/蒸汽/天然气（出厂标配：导热油）									
4.所需动力配置										
供电电源	AC3-380V±10%，50Hz									
装机容量	160 KW									
压缩空气	0.6~0.8MPa									
水 源	0.2~0.4MPa									

Name	DGE7280C Rotary Screen Printing Machine									
1.Printing unit										
Model	7280C (Arbitrary Type)									
Nominal width(cm)	180	200	220	240	260	280	300	320	340	
Effective printing width(cm)	162	185	205	225	245	265	285	305	325	
Standard colors	3/6/9/12									
Repeat size(mm)	640~820~914~1018、1018~1450、1450~1828									
Printing varieties	Knitted fabric, woven fabric									
Printing speed	4 ~ 100m/min									
Printing type	magnetic type + scraper type (any combination)									
Alignment accuracy	±0.1mm									
Transmission mode	Guide belt drive: Physis servo motor									
Machine operation	Printing unit: Independently driven by Europe servo motor									
	Left/right hand (It depends on actual use)									
2.Feeding cloth unit										
Model	T2181		T2280		T2381		T2480		H2181	H2280
Type	woven fabric standard model		woven and knitted fabric standard model		woven and knitted fabric strengthen model		knitted fabric dedicated model		woven fabric constant speed print model	woven knitted fabric standard model
3.Dryer unit										
Model	S3013		S3023		S3033			S3055		
Dryer sections	4/5		5		4/5			7/8		
Applicable fabric	woven fabric		Double-sided penetrative wax printing on fabric		knitted fabric			Thick fabric		
Speed	5~100m/min(50HZ)									
Dryer temperature	80℃~200℃									
heat source	Heat transfer oil/Steam/natural gas (standard: Heat transfer oil)									
4.Power configuration										
Power supply	AC3-380V±10% , 50Hz									
Total power	160 KW									
Compressed air	0.6~0.8MPa									
Water source	0.2~0.4MPa									

优势

Advantage

●花回可调节

可在同一台设备上实现不同花回长度
可混合生产不同重复长度的图案

●复杂图案叠加

支持不同花回长度的图案叠加印刷（如大花回背景+小花回点缀）

●提升生产灵活性

可变花回机型通过灵活调整花回，降低小批量订单的综合成本

●Repeat adjustable

Different repeat lengths can be achieved on the same device
Patterns of different repetitive lengths can be mixed and produced

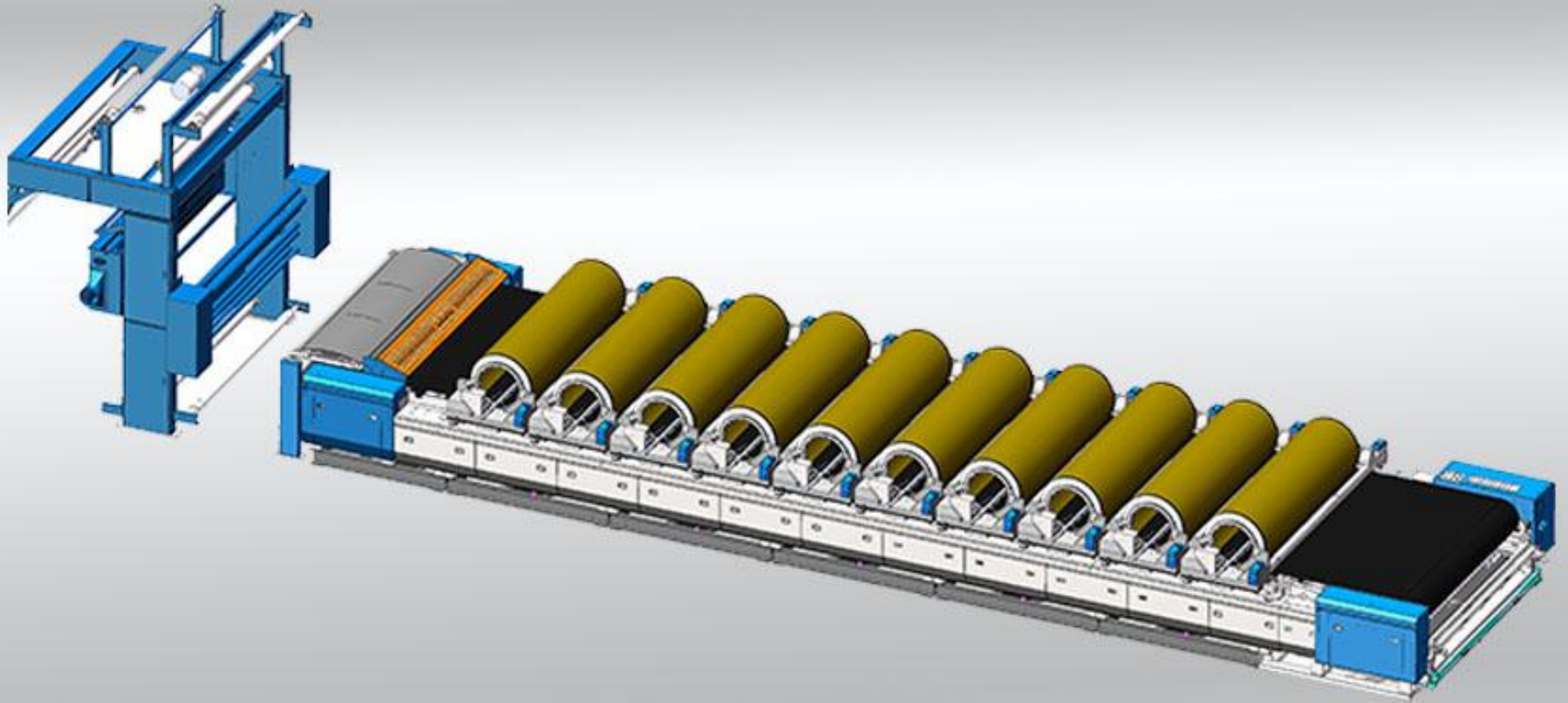
●Superimposition of complex patterns

Support the superimposed printing of patterns with different repeat lengths (such as large repeat background + small repeat embellishment)

●Enhance production flexibility

The variable repeat model reduces the overall cost of small-batch orders by flexibly adjusting the repeat



**7280D (超大花回型) 主要特点**

- 超大印花花回，最大花回2412mm
- 印花方式可选择磁棒式与刮刀式任意组合
- 双梁可升降式印花单元，维护清理简便

7280D(Super Large Repeat Type)Main Features

- Super large printing repeat,2412mm maximum
- More available printing types-magnetic type,squeegee type,or arbitrary combination
- Simple maintenance and cleaning procedure by adopting double girder and liftable printing unit

产品名称	DGE7280D 圆网印花机									
1.印花单元										
型号	7280D (超大花回)									
公称幅宽(cm)	180	200	220	240	260	280	300	320	340	
有效印花幅宽(cm)	162	185	205	225	245	265	285	305	325	
标准套色	2/4/6/8/10									
适用花回(mm)	640~820~914~1018、1080~1680、1680~2412									
适用面料	针织布料，梭织布料									
工艺车速	4~100m/min									
印花方式	磁力式+刮刀式任意组合									
对花精度	±0.1mm									
传动方式	导带传动：菲仕伺服电机									
	印花单元：欧洲伺服电机独立传动									
车 别	左/右 手(由客户指定)									
2.进步架单元										
型号	T2181		T2280		T2381		T2480		H2181	H2280
类型	梭织布标准型		梭织针织布两用型		梭织针织增强型		针织专用型		梭织布恒速印花型	梭织针织标准型
3.烘房单元										
型 号	S3013		S3023			S3033		S3055		
烘房节数	4/5		5			4/5		7/8		
适用织物	梭织布		双面渗透蜡印布印花			针织布		厚织物		
机械速度	5 ~ 100m/min(50HZ)									
烘房温度	80℃ ~ 180℃									
烘燥热源	导热油/蒸汽/天然气（出厂标配：导热油）									
4.所需动力配置										
供电电源	AC3-380V±10 %，50Hz									
装机容量	160 KW									
压缩空气	0.6 ~ 0.8MPa									
水 源	0.2 ~ 0.4MPa									

Name	DGE7280D Rotary Screen Printing Machine									
1.Printing unit										
Model	7280D(Super Large Repeat Type)									
Nominal width(cm)	180	200	220	240	260	280	300	320	340	
Effective printing width(cm)	162	185	205	225	245	265	285	305	325	
Standard colors	2/4/6/8/10									
Repeat size(mm)	640~820~914~1018、1080~1680、1680~2412									
Printing varieties	Knitted fabric, woven fabric									
Printing speed	4~ 100m/min									
Printing type	magnetic type + scraper type(any combination)									
Alignment accuracy	±0.1mm									
Transmission mode	Guide belt drive: Physis servo motor									
Machine operation	Printing unit: Independently driven by Europe servo motor									
	Left/right hand (It depends on actual use)									
2.Feeding cloth unit										
Model	T2181		T2280		T2381		T2480		H2181	H2280
Type	woven fabric standard model		woven and knitted fabric standard model		woven and knitted fabric strengthen model		knitted fabric dedicated model		woven fabric constant speed print model	woven knitted fabric standard model
3.Dryer unit										
Model	S3013			S3023			S3033		S3055	
Dryer sections	4/5			5			4/5		7/8	
Applicable fabric	woven fabric			Double-sided penetrative wax printing on fabric			knitted fabric		Thick fabric	
Speed	5~100m/min(50HZ)									
Dryer temperature	80℃~200℃									
heat source	Heat transfer oil/Steam/natural gas (standard: Heat transfer oil)									
4.Power configuration										
Power supply	AC3-380V±10% , 50Hz									
Total power	160 KW									
Compressed air	0.6~0.8MPa									
Water source	0.2~0.4MPa									

优势

Advantage

●支持复杂大尺寸图案

超大花回: 图案重复花回可达1-2米, 能够呈现连续性强、细节丰富的复杂图案, 大面积渐变或写实风格图案

●生产效率高, 适合大批量生产

连续印花: 可在高速运行中稳定输出大尺寸图案

●色彩表现力强, 套色精准

支持高精度套色, 结合超大花回可呈现细腻的渐变和层次感

通过刮刀挤压色浆渗透织物

●Support complex large-sized patterns

Super-large repeat: The repetitive repeat of the pattern can reach 1-2 meters, capable of presenting complex patterns with strong continuity and rich details, as well as large-scale gradient or realistic style patterns

●It has high production efficiency and is suitable for mass production

Continuous printing: It can stably output large-sized patterns during high-speed operation

●It has strong color expressiveness and precise color registration

Supports high-precision color registration. Combined with an oversized pattern, it can present delicate gradients and a sense of layering

The color paste penetrates the fabric by squeezing it with a scraper





DGE-M9导带式直喷数码印花机

DGE-M9 Belt Type Direct Spray Digital Printing

DGE-M9数码印花机主要特点

- 高速高精度，最高工艺车速100米/分钟
- 64喷头，8色通道，全色域高速喷印
- 喷头多重防护设计，安全可靠
- 独特横梁结构，确保高精度运行 磁悬浮系统，高速平稳
- 精密导带传动系统，定位精度 $\pm 0.01\text{mm}$
- 封闭式毛刷导带清洗装置，高效节水
- 打印模组模块化设计，高效维护校准

DG-M9 Digital Printing Machine Main Features

- High speed and high precision, with a maximum process speed of 100 meters per minute
- 64 print head, 8-color channels, full-color gamut high-speed printing
- The print head is designed with multiple protections, ensuring safety and reliability
- The unique beam structure ensures the high-precision operation of the magnetic levitation system at high speed and stability
- Precision guide belt drive system, positioning accuracy $\pm 0.01\text{mm}$
- Closed brush guide belt cleaning device, highly efficient and water-saving
- The modular design of the printing module ensures efficient maintenance and calibration

产品型号		DGE-M929-200	DGE-M929-240	DGE-M929-280	DGE-M929-320
喷头	类型	日本工业喷头理光G6MH5320工业打印头			
	排列方式	4×16			
	数量/颜色	64头/8色(可以兼容32头、48头、72头)			
	精度	▶508x600dpi ▶604x600dpi ▶635x600dpi ▶604x900dpi			
导带		进口哈巴西品牌			
最大打印宽度		1850mm	2250mm	2650mm	3050mm
车速(八色模式)	1 pass	1690m²/h	1900m²/h	2300m²/h	2600m²/h
	2 pass	982m²/h	1150m²/h	1350m²/h	1480m²/h
	3 pass	700m²/h	800m²/h	950m³/h	1100m²/h
适用墨水	墨水类型	涂料、活性、高温分散、酸性			
	墨水颜色	青C、品红M、黄Y、黑K、橙0、大红R、B宝蓝、G绿;可选LM、LC、LK			
打印介质		棉、麻、丝绸、羊毛、化纤、混纺及多种新型纤维类梭织物和针织物面料			
软件		西班牙RIP软件			
图像类型		文件格式TIFF/JPG/EPS/PDF, 色彩模式RGB/CMYK /			
数据传输		千兆光纤/USB3.0			
功能配置	进料系统	自动恒张力进料/针织(弹力)面料进料系统/可调张力分丝上布系统/移动压力辊			
	喷头高度	2~30mm可调			
	织物烘干	热风烘干系统			
	供墨系统	工业级负压脱气供墨, 喷头墨水内循环功能			
	智能清洗	自动清洗与自动保湿			
	水洗系统	双毛刷辊/双洁净辊/双海绵/智能喷淋/除水风刀/磁棒收水/多重干燥			
工作环境	电源	380VAC±5%, 三相五线			
	功率	打印系统:20KW,加热系统:20-80KW			
	气压	6~8Mpa手动调节			
	温湿度	推荐25-30℃, 环境湿度:推荐60-80%			
尺寸重量	产品尺寸(mm)	5000*5600*2450	5000*6000*2450	5000*6400*2450	5000*6800*2450
	产品重量 (Kg)	11500	12000	13000	14000

Product Model		DGE-M929-200	DGE-M929-240	DGE-M929-280	DGE-M929-320
Nozzle	Tape	Japanese industrial print head Ricoh G6MH5320 industrial print head			
	Arrangement	4×16			
	Quantity/Color	64 heads/8colors(compatible with 32 heads,48 heads,72 heads)			
	Precision	▶ 508x600dpi ▶ 604x600dpi ▶ 635x600dpi ▶ 604x900dpi			
Guide band		Habasit			
Maximum print width		1850mm	2250mm	2650mm	3050mm
Machine speed (8 color mode)	1 pass	1690m ² /h	1900m ² /h	2300m ² /h	2600m ² /h
	2 pass	982m ² /h	1150m ² /h	1350m ² /h	1480m ² /h
	3 pass	700m ² /h	800m ² /h	950m ² /h	1100m ² /h
Compatible ink	Ink type	Coating,activity,high-temperature dispersion,acidity			
	Ink color	Cyan C,magenta M,Yellowy,Black K,Orange O,bright red R,B sapphire blue,G green;optional LM,LC,LK			
Print media		Cotton,linen,silk,wool,chemical fibers,blends and a variety of new fiber woven and knitted fabrics			
Software		Spanish RIP Software			
Image Type		File format TIFF/JPG/EPS/PDF Color mode RGB/CMYK			
Data Transmission		Gigabit fiber/usB3.0			
Functional configuration	Feed (liquid material) System	Automatic constant tension feeding/Knitted (elastic)fabric feeding system /Adjustable tension yarn spiting and feeding system/mobile pressure roller			
	Print head Height	Adjustable from 2 to 30mm			
	Fabric drying	Hot air drying system			
	ink supply system	Industrial-grade negative pressure degassing ink supply,nozzle ink internal circulation function			
	Intelligent cleaning	Automatic cleaning with automatic moisture retention			
	Washing system	Double brush knife/Double cleaning rollers/Dual sponges/ Intelligent spray/water removal air knife/magnetic rod water collection/multiple levels levels drying			
Work environment	Power supply	50HZ 380VAC±5%,3-phase 5-wire,50HZ			
	Power	Printing system:20KW Heating system:20-80KW			
	Air pressure	6-8Mpa manual adjustment			
	Temperature and humidity	Ambient temperature:Recommended 25-30℃ Ambient humidity:Recommended 60-80%			
Dimension	size(mm)	5000*5600*2450	5000*6000*2450	5000*6400*2450	5000*6800*2450
	weight (Kg)	11500	12000	13000	14000

优势

Advantage

●打印小车

小车运行采用高精度滑块，使用寿命长
小车独立升降功能，节约成本，运行稳定

●可控温墨站墨路系统

不受外部环境影响，保证打印的高效率、低故障率、高打印效果

●多级过滤系统

优先过滤大颗粒杂质，延长墨路系统配件寿命

●Inkjet printing head

The operation of inkjet printing heads adopts high-precision sliders, which have a long service life
The independent lifting function of inkjet printing heads saves costs and ensures stable operation

●Controllable constant temperature ink tank system

The ink temperature can be controlled to remain unaffected by external environmental conditions, ensuring high printing efficiency, low failure rates, and superior print quality.

●Multi levels filtration system

Effectively prioritize filtering large particle impurities and extend the lifespan of ink system components.



售后服务

After-Sales Service

●**质保服务：**自到货之日起，提供一年售后服务，终身跟踪维修服务

●**安装服务：**我们会派专业的技术人员上门进行安装调试服务

●**操作培训：**我们会有专业的技术人员对您的员工进行操作培训

●**维修服务：**

小故障：我们配套视频监控系统，随时可以远程协助排查故障，并且通过远程指导维修。

大故障：我们线上讨论故障后，派专业技术人员进行上门维修。

●**Warranty service:** From the date of arrival, we provide one year of after-sales service and lifelong tracking maintenance services

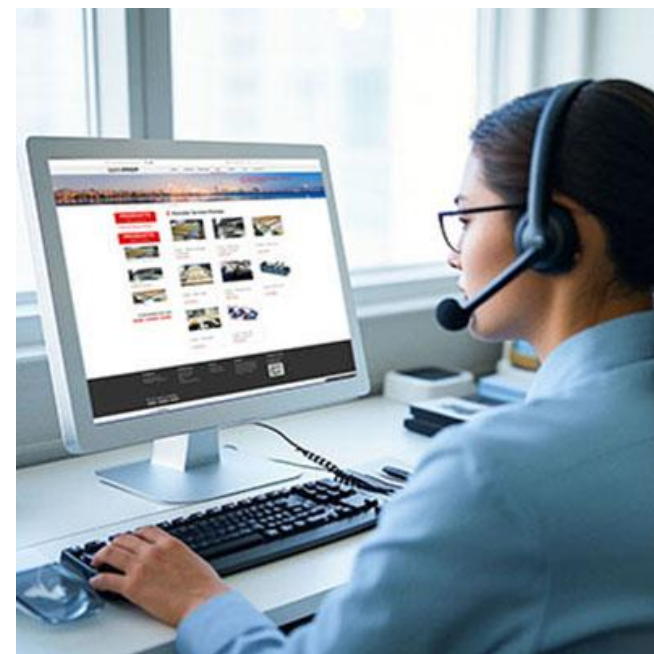
●**Installation service:** We will send professional technicians to provide on-site installation and debugging services

●**Operation training:** We will send professional technical personnel to provide operation training for your employees

●**Repair service:**

Minor malfunction: We are equipped with a video surveillance system that can remotely assist in troubleshooting and provide remote guidance for repairs at any time.

Major malfunction: After discussing the malfunction online, we sent professional technicians to conduct on-site repairs

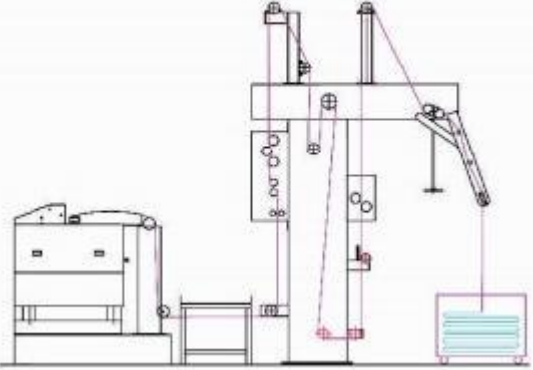
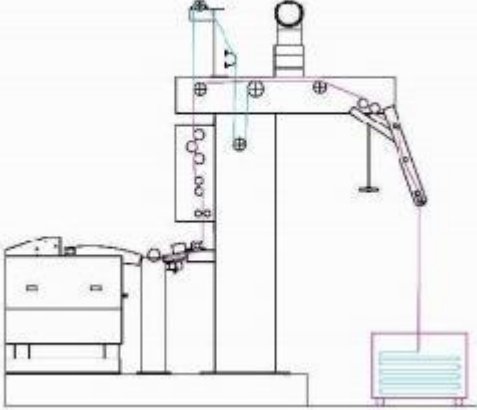
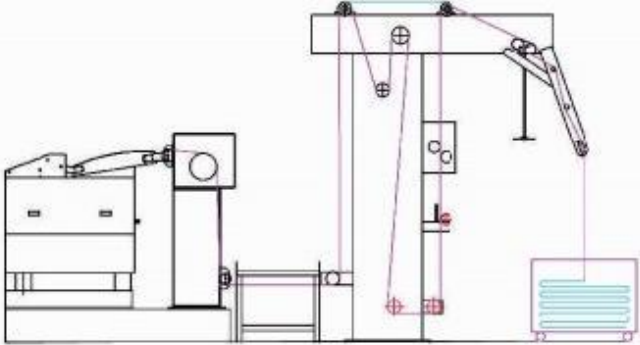
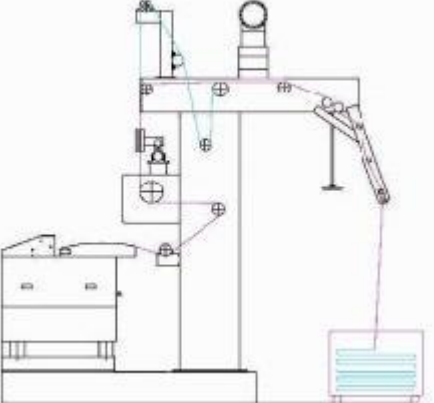
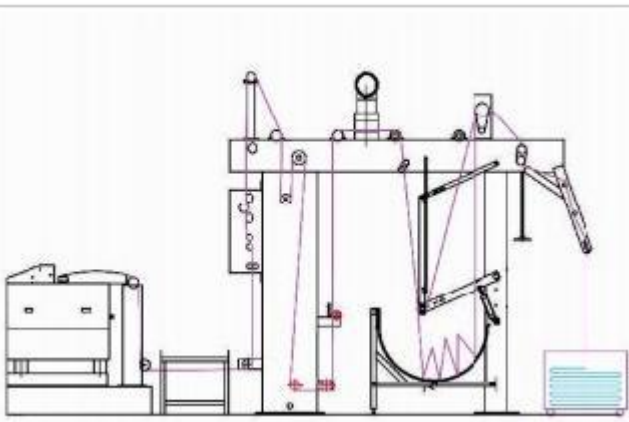
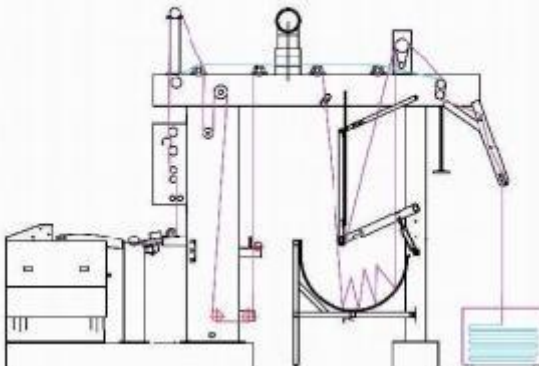


进步架选型表

型号		T2181	T2280	T2381	T2480	H2181	H2280
使用品种		梭织布标准型	梭织针织布标准型	梭织针织布增强型	针织布专用型	梭织布标准型	梭织针织标准
人造棉，服装，床品		●	●	●	○	●	●
四面弹针织布，针织布		○	●	●	●	○	●
摇粒绒，珊瑚绒		○	●	○	●	○	●
结构说明	标准配置	图示1	图示 2	图示 3	图示 4	图示 5	图示 6
紧布器	手动双辊紧布器	●	●	●	●	●	●
超喂装置	电动超喂装置	○	○	○	○	●	●
J型储布箱	J型储布箱	○	○	○	○	●	●
格栅张力监测装置	格栅张力监测装置	○	○	○	○	●	●
气动双辊紧布器	气动双辊紧布器	○	○	○	○	●	●
吸尘装置	四辊毛刷吸尘装置	●	○	●	○	○	○
	毛刷狭缝吸尘装置	○	●	○	●	●	●
预对边装置	电动吸边器	●	○	●	○	●	●
对边装置	电动双辊对边装置	●	●	○	○	●	●
	德国E+L滑条式对边	○	○	●	●	○	○
进布架与机台连接	无走台直连	○	●	○	●	○	●
	设横向走台	●	○	●	○	●	○
张力检测	气动低张力检测架	●	●	○	○	●	●
	枕式张力辊	○	○	●	●	○	○
进布牵引装置	变频动力糙面辊	●	●	●	●	●	●

Fabric Entrance Device Selection List

Model		T2181	T2280	T2381	T2480	H2181	H2280
Printing Variety		Woven fabric standard model	Woven and knitted fabric standard model	Woven and knitted strengthen model	Knitted fabric dedicated model	Woven fabric standard mode	Woven and knitted standard model
Artificial Cotton,Garment,Bedding		●	●	●	○	●	●
Two-Ways Stretch Knitted Fabric,Knitted Fabric		○	●	●	●	○	●
Polar Fleece,Coral Fleece		○	●	○	●	○	●
Structure Description	Standard Configuration	Graphic 1	Graphic 2	Graphic 3	Graphic 4	Graphic 5	Graphic 6
Fabric Tension Device	Manual Double Rollers Fabric Tension Device	●	●	●	●	●	●
Overfeeding Device	Electric Overfeeding Device	○	○	○	○	●	●
J-Type Store Fabric Box	J-Type Store Fabric Box	○	○	○	○	●	●
Grille Tension Monitoring Device	Grille Tension Monitoring Device	○	○	○	○	●	●
Pneumatic Double Rollers Fabric Tension Device	Pneumatic Double Rollers Fabric Tension Device	○	○	○	○	●	●
Dust Absorption Device	Four Rollers Brush Dust Absorption Device	●	○	●	○	○	○
	Brush Slit Dust Absorption Device	○	●	○	●	●	●
Pre-Edge Adjusting Device	Electric Selvage Guider	●	○	●	○	●	●
Edge Adjusting Device	Electric Double Rollers Edge Adjusting Device	●	●	○	○	●	●
	Germany E+L Slider Type Edge Adjusting	○	○	●	●	○	○
Fabric Feeding Frame And Machine Operation Area Connect	No Walking Stage Directly Connected	○	●	○	●	○	●
	Install Crosswise Walking Stage	●	○	●	○	●	○
Tension Detection	Pneumatic Low-Tension Detection Frame	●	●	○	○	●	●
	Pillow Type Tension Roller	○	○	●	●	○	○
Fabric Feeding Traction Device	Frequency Conversion Power Matte Roller	●	●	●	●	●	●

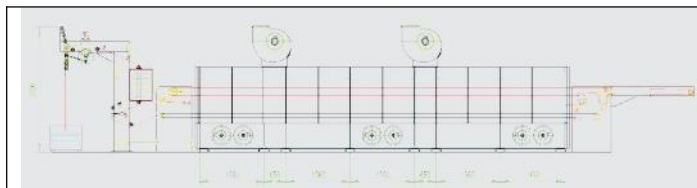
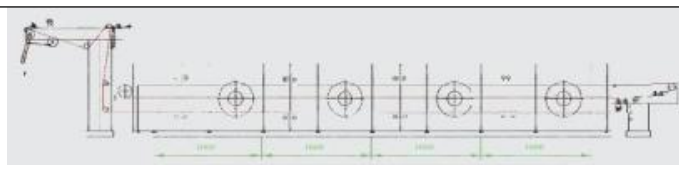
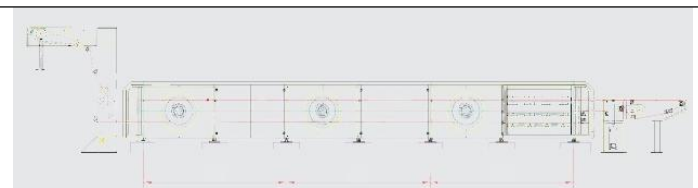
		
<p>T2181 梭织布标准型 woven fabric standard model 图 示 1 graphic 1</p>	<p>T2280 梭织针织标准型 woven and knitted fabric standard model 图示2 graphic 2</p>	<p>T2381 梭织布针织增强型 woven and knitted strengthen model 图示3 graphic 3</p>
		
<p>T2480 针织专用型 knitted fabric dedicated model 图示4 graphic 4</p>	<p>H2181 梭织布标准型 woven fabric standard model 图示5 graphic 5</p>	<p>H2280 梭织针织标准型 woven and knitted standard model 图示6 graphic6</p>

烘房选型表

产品名称		烘房			
产品型号		S3013	S3023	S3033	S3055
适用品种	仿蜡花布	○	●	○	○
	梭织布	●	○	●	●
	针织布	○	○	●	●
烘房结构	每节长度(mm)	3000			
	门幅	180、200、220、240、260、280、300、320、340			
	网带层数	1	2	3	5
	穿布层数	3	3	3	5
	进布形式	平进布/高进布			
风机类型	轴流循环风机	PLC/变频器			
	排潮风机	变频器			
同步方式	网带同步控制	变频器			
	落布同步控制	变频器			
加热方式	蒸汽热源	●	●	●	●
	热载油加热	●	●	●	●
	天然气加热	●	●	●	●

Dryer Selection List

Name		Dryer			
Model		S3013	S3023	S3033	S3055
Printing Variety	Imitation Wax Printed Fabric	○	●	○	○
	Woven Fabric	●	○	●	●
	Knitted Fabric	○	○	●	●
Dryer Structure	Every Room Length(m)	3000			
	Width	180、200、220、240、260、280、300、320、340			
	Mesh Belt Layer	1	2	3	5
	Fabric Through Layer	3	3	3	5
	Fabric Feeding Form	Flat Fabric Feeding/High Fabric Feeding			
Fan Type	Axial Circulating Fan	PLC/inverter			
	Moisture Removal Fan	inverter			
Synchronization Mode	Mesh Belt Synchronous Control	inverter			
	Fabric Cropping Synchronous Control	inverter			
Heating Mode	Steam	●	●	●	●
	Thermal Conduction Oil	●	●	●	●
	Natural Gas	●	●	●	●



圆网印花机选型表

型号		DGE7280A	DGE7280C	DGE7280D
主要参数	型号特点	磁棒+刮刀通用式圆网印花机		
		可变花回型	任意花回型	超大花回型
	印花机方式	磁棒、刮刀任意组合式		
	适印品种	针织、梭织/纯棉、化纤		
	工艺车速(m/min)	100	80~100	
	公称门幅	180、200、220、240、260、280、300、320、340		
	套色	4、8、10、12、14、16	3、6、9、12	2、4、6、8、10
	花回	577、640、820、914、1018	640~820~914~1018、1018~1450、1450~1828	640~820~914~1018~1450~2000
机械机构	机身结构	组合式加强型机架		
	导带张紧	丝杠张紧		
	导带传动	进口精密减速箱、伺服电机一体机		
	导带纠偏装置	压辊式导带限位装置		
	导带护边装置	铜合金护边		
	导带水洗	毛刷辊不锈钢导带水洗		
		后出式导带水洗		
	上胶装置	磁棒式树脂胶上胶		
		胶辊、刮刀组合式水溶性上胶小车		
	进布弧形版	电加热弧形版		
	进布开幅辊	滑条式开幅辊		
	进布压布辊	气动聚氨酯压布辊		
	台面吸尘预留安装座	有预留		
	厚织物渗透压辊	独立式可变花回压辊		
	印花单元结构	V型开放式网头结构		
		可升降式结构		
	印花方式	刮刀、磁棒组合		
	印花单元支撑	电磁磁台或支承辊		
	纵向对花调整	自动对花+键盘操作		
	横向对花调整	手动机械操作		
	斜向对花调整	手动机械操作		
电气系统	主屏幕	进口液晶触摸屏		
	PLC	进口PLC控制		
	导带传动	进口减速机+伺服电机		
	印花单元传动	进口伺服电机传动		
	印花单元操作台	数码+图形操作界面		
		主动侧、加浆侧双面操作		
	磁台控制器	数字稳压磁力控制器		
	远程诊断服务	远程故障诊断及远程监控系统		

Rotary Screen Printing Machine Selection List

Model		DGE7280A	DGE7280C	DGE7280D
Main Parameters	Model Features	Magnetic+Squeegee Universal type rotary screen printing machine		
	Printing Type	High Speed Type	Arbitrary Repeat Type	Super Large Repeat Type
	Printing Variety	magnetic beam and squeegee arbitrary combination type		
	Printing Speed	100	knitted and woven/100 % cotton and polyester	
	Nominal Width	80~100		
	Colors	180、200、220、240、260、280、300、320、340		
	Repeat	4、8、10、12、14、16	3、6、9、12	2、4、6、8、10
	Repeat	577、640、820、914、1018	640~820~914~1018、1018~1450、1450~1828	640~820~914~1018~1450~2000
Mechanical structure	Fuselage Structure	Combination Type Strengthened Machine Frame		
	Belt Tension	Lead Screw Tension		
	Belt Transmission	Precision Reducer,Integration Servo Motor		
	Belt Deviation Correcting Device	Pressing Roller Type Belt Limit Switch Device		
	Belt Band Guard Device	Copper Alloy Edge Guard		
	Belt Washing	Brush Rollers Stainless Steel Belt Washing		
		Back Out Belt Washing		
		Magnetic Type Resin Glue Gluing		
	Gluing Device	Gluing Roller And Squeegee Combination Type Water-Soluble Gluing Cart		
	Fabric Feeding Arc Shape Plate	Electric Heating Arc Shape Plate		
	Fabric Feeding Open Width Roller	Slider Type Open Width Roller		
	Fabric Feeding Pressing Fabric Roller	Pneumatic Polyurethane Pressing Roller		
	Table Surface Dust Collection Reserved Installation Base	Reservation		
	Thick Fabric Penetration Pressing Roller	Independent Changeable Repeat Pressing Roller		
		V Type Open Chuck Structure		
	Printing Unit Structure	Adjustable Structure		
	Printing Type	Squeegee、Magnetic Bar Combination		
	Printing Unit Support	Electromagnetic Magnetic Table Or Supporting Roller		
	Lenthways Registration Adjustment	Automatic Registration+Keyboard Operation		
	Crosswise Registration Adjustment	Manual Mechanical Operation		
	Diagonal Registration Adjustment	Manual Mechanical Operation		
Electrical system	Main Screen	Import LCD Touch Screen		
	Plc	Import PLC Control		
	Belt Transmission	Servo Motor		
	Printing Unit Transmission	Europe Servo Motor Transmission		
	Printing Unit Operation Console	Digital + Graphic Operating Interface		
		Active Side,Color Paste Side Double Sides Operation		
	Magnetic Beam Controller	Digital Voltage Stabilization Magnetic Force Controller		
	Remote Diagnosis Service	remote diagnosis and monitor system		

DGE德高机电



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