



系列轮转手动丝印机

KC Series Rotary Screen Printing Machine

S M 8 - 4 5 6 5

S M 8 - 5 0 5 0

S M 8 - 5 0 7 0



KC Printing Machine (Group) Limited

东莞市高宝印刷机械科技有限公司 KCPM

Website: [Http://www.dg-padprinter.com](http://www.dg-padprinter.com)

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Instruction of Installation

操作说明书

1. Purpose of the Machine

机器用途

2. Product Sketch

机器图片

3. List of electric part (for dryer)

电器元件列表(摇摆烤炉)

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机器移动方法

本说明书适合以下机型：

产品编号			
机器结构	8 印花头+8 承印台板	8 印花头+8 承印台板	8 印花头+8 承印台板

Available for below machines:

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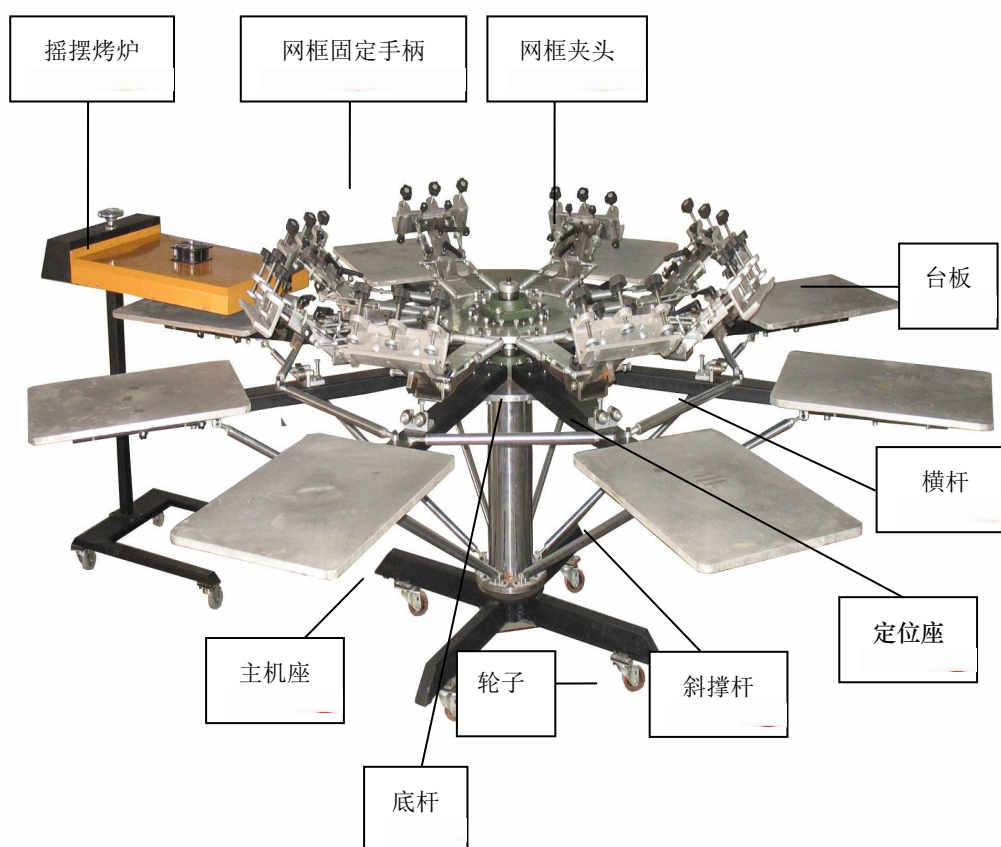


1. 机器用途:

KC 系列轮转手动丝印机是一款设计独特、精准、耐用、稳定、使用方便的丝印机。该系列丝印机非常适合印刷服装、布料以及薄膜的多色套印。是中、小型印花厂及拥有全自动机印花厂打板的最佳选择。

Purpose of the Machine:

2. 产品图片:



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3. 电器元件列表 (摇摆烤炉):

元件序号	元件名称	型号	规格	数量
1	高分段小型断路器	DZ47-63	2P 63A	1
2	加温开关 (红色)	KCD4-201/N	15A/30A 250V~	1
3	电子指示灯 (红色)	LAS1	220V ϕ 16	1
4	温控表	E5C2	0-400℃	1
5	温控表底座	PF083A	2-M4*20	1
6	交流接触器	GMC-22	22A 240V	1
7	风扇	12038	220V	1
8	热电偶	A-106	K 1.0M	1

Sequence No.	Component Name	Model No.	Specification	Qty
1	Multi-section Mini Relay	DZ47-63	2P 63A	1
2	Heating Switch	KCD4-201/N	15A/30A 250V~	1
3	Heating Indication Light (Red)	LAS1	220V 16	1
4	Thermostat Meter	E5C2	0-400℃	1
5	Base of Thermostat Meter	PF083A	2-M4*20	1
6	AC Contactor	GMC-22	22A240V	1
7	Fan	12038	220V	1
8	Thermonuclear	A-106	K1.0M	

4. 产品特性:

1. 丝网框定位简单方便、精确、易调节。
2. 机器结构稳固、不变型，机器运行稳定、可靠。
3. 铸铝台板长期受热不变型。
4. 印花头和承印台板为铝制品，轻便实用

Product Feature:

- 1.Screen Frame Holder precisely position-able.
- 2.Steady, reliable & durable.
- 3.Position of heating head is easy adjustment.

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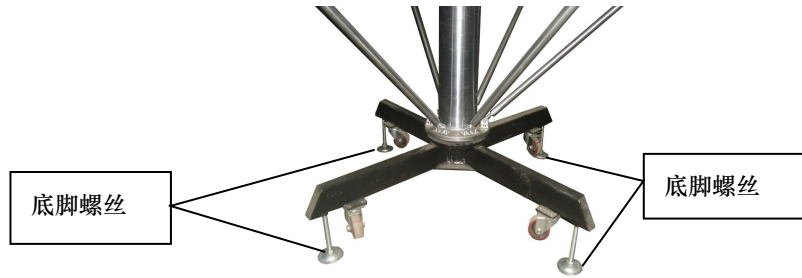
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4. Pallet of printing head and pallet of printing platen are rotate .

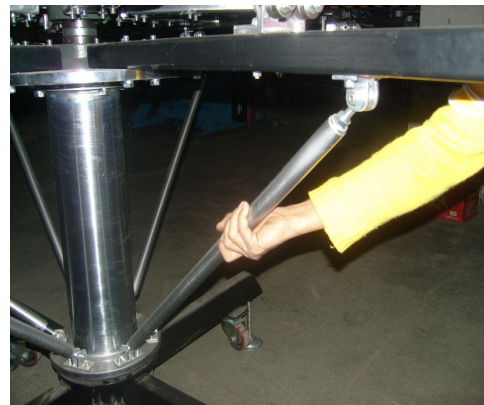
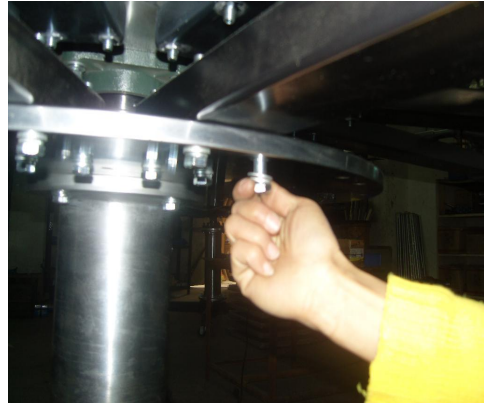
5. **安全警告:**

- 烤炉在使用前必须确保已良好接地。
- 烤炉含有高温发热部位。切勿触摸烤炉的发热部位。
- 为防止触电，只允许有电工资格的人员对烤炉进行维修。
- 在维修或清洁烤炉前务必先断开电源的连接，并等待发热管彻底冷却。
- 严禁在雨中或高温环境中使用该机器。
- 切勿直接冲洗机器。



Safety Warnings:

- Make sure the dryer is well earthing. Never connect any 2 wires of the 3 electrical wires, or disconnect the earthing wire.
- The dryer connects high temperature part, never touch the heating head of the machine.
- To avoid electric shock, only admit specified electrician to repair and maintain the dryer.
- Disconnect the power when open the electrical box or perform any repairing or cleaning.
- Never use the machine in rain or humid surrounding.
- Never wash the machine by rinse.



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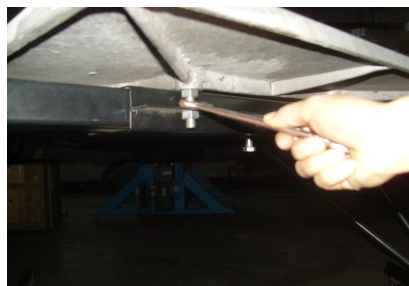
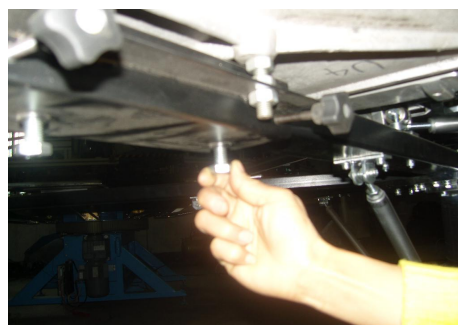
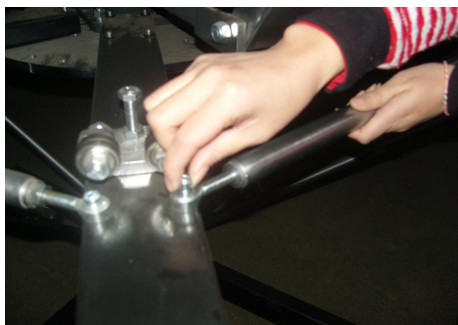


图 1

图 2



6. 安装步骤:

- 1) 把 4 个底脚螺丝装到印花机底脚下面。调整底脚螺丝的高度。使印花机 4 个底脚都在同一水平面上。锁紧底脚螺丝上的固定螺帽。

Assembly "Stands" to bottom of machine pedestal. Make sure the 4 pedestal feet are on the horizontal position.

- 2) 把各承印臂分别放到下转盘上编号对应的位置上，锁上螺丝。在该步骤先不要把螺丝完全拧紧。

Put "Arms of Printing Pallet" to the "Lower Turn-plate" of the screen printing machine matching markings on them. And screw them to the turn-plate one by one. But do not tighten the screws on this step.

- 3) 把各承印臂斜撑杆分别安装到承印臂下面。如右图。确保带螺帽的一端向上。拧紧斜撑杆，使斜撑对承印臂产生支撑。注意斜撑杆拧紧的力度不要过大，产生支撑就可以了。

Assemble the "Supporting Rod" for all the "Arms of Printing Pallet". Make sure the side of all "Supporting Rod" with screw nut is upward. Rotate the "Supporting Rod". Until the Arm is being supported by the rod.

- 4) 把所有的印花头放下，使其固定在承印臂上的定位轴承间。完全拧紧承印臂与下转盘间连接的螺丝。

Put all "Screen Frame Holder" up. And assemble the "Position Rod" between "Arm of Printing Pallet". Make sure the side of all "Supporting Rod" with screw nut is on leftward.

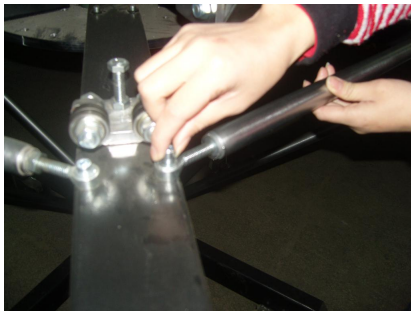
Pull all the "Screw Frame Holder" down on the "Arms of Printing Pallet". And tighten the screws which



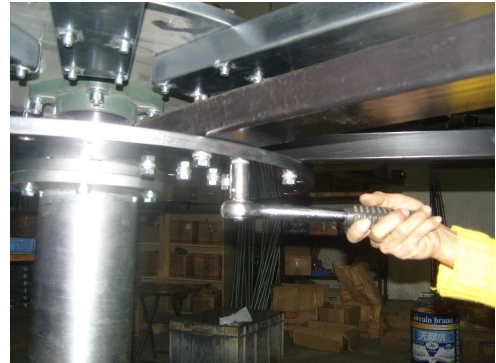
are connecting "Arms of Printing Pallet" and "Lower Turn-plate".

- 5) 把所有印花头提起。在每两条承印臂间装上横撑杆。确保横撑杆带螺帽的一端向左。拧紧横撑杆，使横撑杆对承印臂产生支撑。注意横撑杆拧紧的力度不要过大，产生支撑就可以了。

Put all the "Screen Frame Holder" down again on the "Arms of Printing Pallet". Tight all "Position Rods".



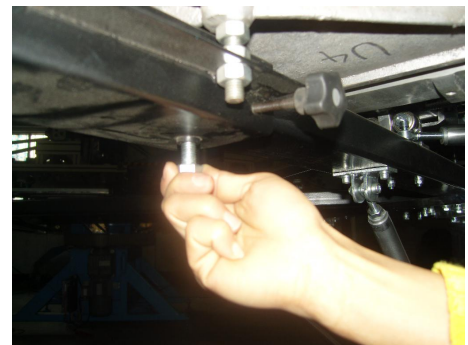
- 6) 把相应编号的承印台板装到承印臂上。注意把承印台板套管带螺丝孔的一端向内安装。确保承印台板到印花头间的距离一致。



Put "Printing Platen" to "Arms of Printing Pallet" match with marking on them, the side of the "Platen lube" with screw holes inside. Make sure distance of the gap between edge of "Printing Platen" and end of "Screen Frame Holder" is nearly the same.

- 7) 拧紧承印台板套管侧面和下面的螺丝。使承印台板固定在承印臂上。

Tighten "Side Knob" and "Positional Screw" to fix the "Printing Platen".



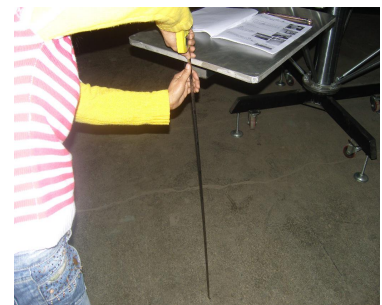
- 8) 量度每个承印台板左右两个角到地面同一点的距离（如右图1）。确

保每个承印台板左右两个角到地面的距离一致。如果不一致，调整承印台板下的定位螺丝（如右图2）。



- 9)

Adjust screws under the Aluminum Plate of "Printing Platen" (Picture 1), so that left corners and right corners of "Printing Platen" is the same height to the ground (picture 2).



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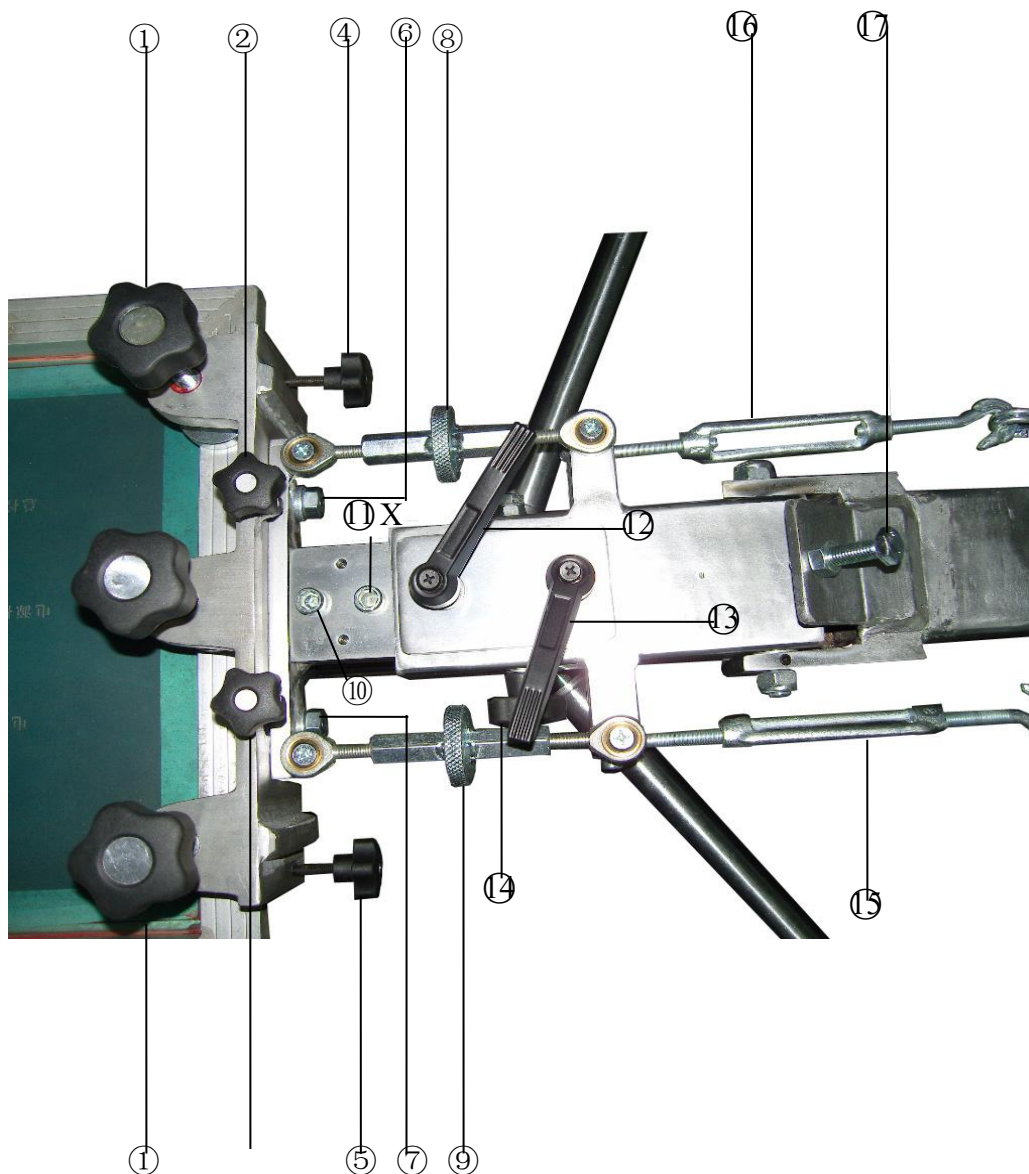
- 10) 在其中一个印花头上装上丝印网板，逐个测试所有的承印台板。确保丝印网板到承印台板的间隙大小一致。如果不一致，调整承印台板下的定位螺丝（如第 8）点中的图 2）。

Assembly one screen frame to one of the "Screen Frame Holder". And test all "Printing Platen". Make sure distance between screen frame and all aluminum plate is nearly the same. Adjust screws under the Aluminum Plate of "Printing Platen"(refer to picture 1 of point 8) if distance is not the same.

- 11) 在印花头上根据套色顺序装上丝印网板。通过调整印花头上的调节螺丝调整各花色的位置。

以下是调节螺丝的功能说明：

- 螺丝 1：拧紧用于固定丝印网框。
- 螺丝 2 和 3：用于调整网框夹头的高低位置。





- 螺丝 4 和 5: 用于直接调整网框在印花头内的前后位置。
- 螺丝 6 和 7: 用于固定网框夹头的位置。在调整螺丝 2 和 3 之前, 拧松螺丝 6 和 7。调整后拧紧。
- 螺丝 8 和 9: 用于调整印花头的左右位置。
- 螺丝 10 和 11: 位于网框夹头连接杆上。用于调整网框夹头的上下高度。当松开螺丝 10 拧紧 11, 网框夹头向上抬起。相反, 则网框夹头向下调整。
- 螺丝 12 和 13: 用于锁定网框夹头连接杆。
- 螺丝 14: 用于调整网框夹头的水平位置。在调整前须先松开螺丝 12 和 13。调整完毕后再拧紧螺丝 12 和 13。
- 法兰 15 各 16: 用于调整印花头提起的张力。如果网框较大, 需调紧法兰以便印花头能被轻易地提起并升到设定的角度上。如果网框较小, 则需要调松法兰使网框容易落下并保持一定的位置。请同时调整两个法兰, 使左右张力一致。
- 螺丝 17: 用于调整印花头升起的角度。
-

Adjust position of "Screen Frame Holder".

Adjust below screw /screw knob to posit the Screen Frame to the proper position:

- Screw knob 1: to hold the screen frame to the "Screen Frame Holder".
- Screw knob 2 & 3: to set height of right & left screen fame.
- Screw knob 4&5: to adjust front &backward position of Screen Frame.
- Screw 6 & 7: to hold position of "Screen Frame Holder". Before to adjust height of Screen Frame by turning Screw Knob 2 & 3, loose Screw 6 & 7.Tighten Screw 6 & 7 after adjustment.
- Screw 8&9: To adjust right & left position of Screen Frame.
- Screw 10 & 11: Located on "Screen Frame Holder Bridge". To adjust up & down position of "Screen Cramp" of "Screen Frame Holder" by loosing and tighten them.
- Screw 12 & 13: To hold position of the inner arm where screw 10 & 11 are on. Before turning screw knob 14, loose screw 12 & 13. After adjustment of screw knob 14m tighten them.
- Screw knob 14: To adjust horizontal position of "Screen Frame Holder".
- Creeping Flange 15 & 16: To adjust tension strength of springs. Tighten 15 & 16 when use big Screen Frame; loose

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15 & 16 when use small Screen Frame, to get the most comfort operation force.

- Screw 17: To adjust the raising up angle of Screen Frame.

6. 机器移动方法:

1. 在移动机器前必须确保印花机的 4 个底脚下都已装上轮子。
2. 卸下印花机的 4 个底脚下底脚螺丝。
3. 把印花机推到预定的地方。
4. 把 4 个底脚螺丝装到印花机底脚下面。调整底脚螺丝的高度。使印花机 4 个底脚都在同一水平面上。锁紧底脚螺丝上的固定螺帽。

Moving of the the machine :

1. Make sure all the 4 WHEELS are firmly on 4 bottom of the machine pedestal.
2. Remove all the 4 STANDS from pedestal of the machine.
3. Push the machine to the planed place.
4. Screw the 4 "STAND" to bottom of the machine pedestal. Make sure the 4 pedestal feet are on the horizontal position.And then, lock the "STAND" by tightening the free screw.

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