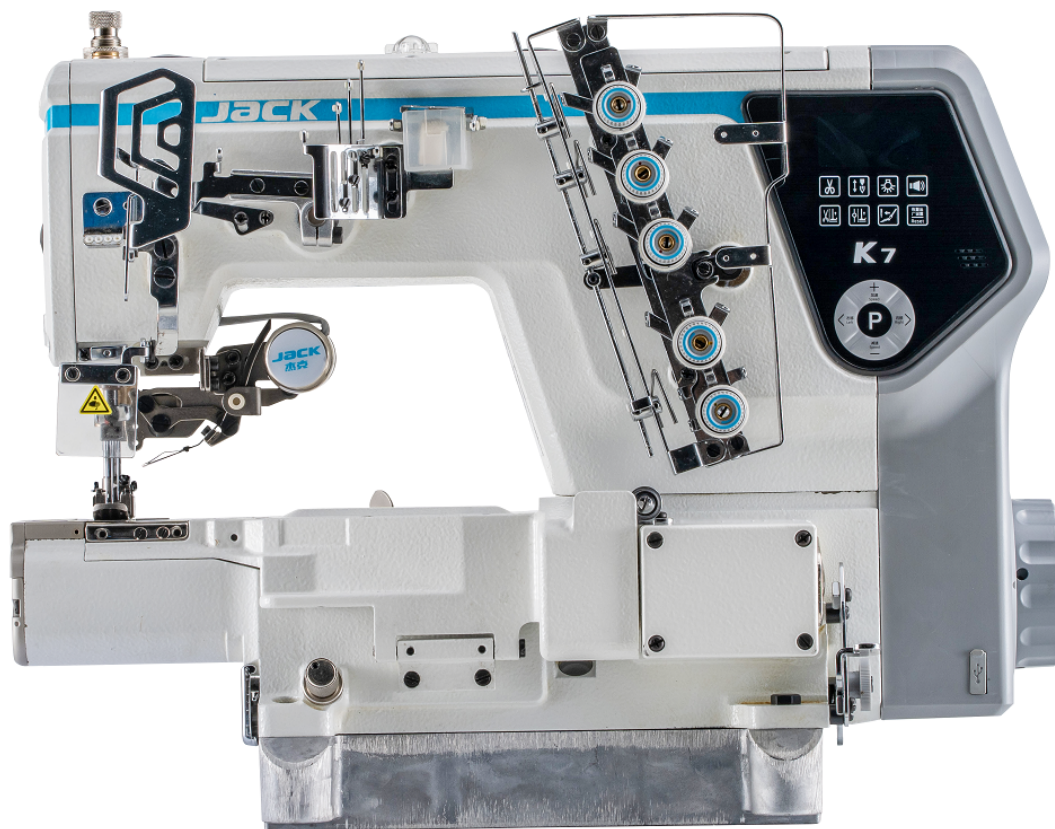




K7

产品使用说明书&产品零件图册

Manual book & parts book

JACK 杰克

安全事项

- 在使用本产品之前，请先阅读《操作手册》及所搭配的缝纫机机械说明书。
- 本产品必须由接受过专业培训的人员来安装或操作。
- 请尽量远离电弧焊接设备，以免产生的电磁波干扰本控制器而发生误动作。
- 请不要在室温 45°C 以上或者 0°C 以下的场所使用。
- 请不要在湿度 30% 以下或者 95% 以上或者有露水和酸雾的场所使用。
- 安装控制箱及其他部件时，请先关闭电源并拔掉电源插头。
- 为防止干扰或漏电事故，请做好接地工程，电源线的接地线必须牢固的方式与大地有效连接。
- 所有维修用的零部件，须由本公司提供或认可，方可使用。
- 在进行任何保养维修动作前，必须关闭电源并拔掉电源插头。控制箱里有高压危险，必须关闭电源五分钟后方可打开控制箱。
- 本手册中标有  符号之处为安全注意点，必须注意并严格遵守，以免造成不必要的损害。
- 为了保证安全，日常的点检必不可少。
- 离开缝纫机台时，请务必关掉电源。停电时也请务必关掉电源

Safety Precautions

- Before using this product, please read the "Operation Manual" and the mechanical manual of the matching sewing machine.
- This product must be installed or operated by personnel who have received professional training.
- Please keep away from the arc welding equipment as much as possible to prevent the electromagnetic waves from interfering with the controller and causing malfunction.
- Do not use in places where the room temperature is above 45°C or below 0°C.
- Please do not use it in places where the humidity is below 30% or above 95%, or where there is dew and acid mist.
- When installing the control box and other parts, please turn off the power and unplug the power plug first.
- In order to prevent interference or leakage accidents, please do a grounding project. The grounding wire of the power cord must be effectively connected to the earth in a firm manner.
- All repair parts must be provided or approved by our company before they can be used.
- Before performing any maintenance and repair operations, the power must be turned off and the power plug must be unplugged. There is a danger of high voltage in the control box. You must turn off the power for five minutes before opening the control box.
- The places marked with symbols in this manual are safety precautions, which must be observed and strictly followed to avoid unnecessary damage.
- Daily check the machine is secure guarantee.
- Turn the power off before leaving the machine table. In the event of a power failure, be sure to turn the machine off.

目录

K7 使用说明

1. 产品规格 PRODUCT SPECIFICATION	1
1.1 机器规格 Machine specification	1
1.2 台板规格 Machine table specifications	2
2. 日常维护 ROUTINE MAINTENANCE	2
2.1 供油 Oil supply	2
2.2 手动给油 Manual lubrication	2
2.3 给 HG 装置供油 Filling the HR device with silicon oil	3
2.4 缝纫机的清扫 Cleaning the sewing machine	3
2.5 油过滤器的点检与更换 Check and replace the oil filter	3
2.6 换机油 Replace the oil	3
3. 缝纫前的准备工作 PREPARATION BEFORE SEWING	4
3.1 穿线 Threading	4
3.2 压脚压力调节 Presser foot pressure adjustment	4
3.3 差动比调节 Diff. feed ratio adjustment	4
3.4 针脚长度调节 Stitch length adjustment	5
3.5 线状态调节 Thread tension	5
3.6 换针 Replacing the needle	5
3.7 标准表 Standard table	5

K7 零件目录

一、套筒部件 Bushing assemblies..... 6

二、车壳部件 Frameassemblies..... 8

三、罩壳部件 Cover assemblies..... 10

四、缝台部件 Cloth plate assemblies..... 12

五、下轴部件 Hook shaft assemblies..... 14

六、上轴部件 Main shaft assesmblies..... 16

七、针杆部件 Needle bar assemblie..... 18

八、弯针部件 Needle guard assemblies..... 20

九、送布部件 1 Feed mechanism1..... 22

十、送布部件 2 Need mechanism2..... 24

十一、送布部件 3 Need mechanism3..... 26

十二、压脚部件 Presser foot assemblies.....28

十三、喂针部件 Needle feeding assemblies.....30

十四、松线部件 Thread loosing assemblies.....32

十五、过线部件 Thread loosing assemblies.....34

十六、打线凸轮部件 Cam assesblies.....36

十七、润滑部件 Lubricatrion assemblies..... 38

十八、油泵部件 Oil pump assemblies..... 40

十九、硅油盒装置部件 Silicon oil delice assemblies..... 42

二十、针位组专用件部件 Gauge set specific parts..... 44

二十一、电机电控部件 Electric control assemblies.....46

二十二、步进驱动部件 Stepping drive assemblies..... 48

二十三、下剪线部件 Under Knife holder assemblies.....50

二十四、上剪线部件 Upper Knife holder assemblies.....52

二十五、拨线器部件 Top wiper assemblies.....54

二十六、线架部件 Thread apool assemblies.....56

二十七、台板部件 Bedplate assemblies..... 58

二十八、附件部件 Accessories assemblies..... 60

1. 产品规格 Product specification

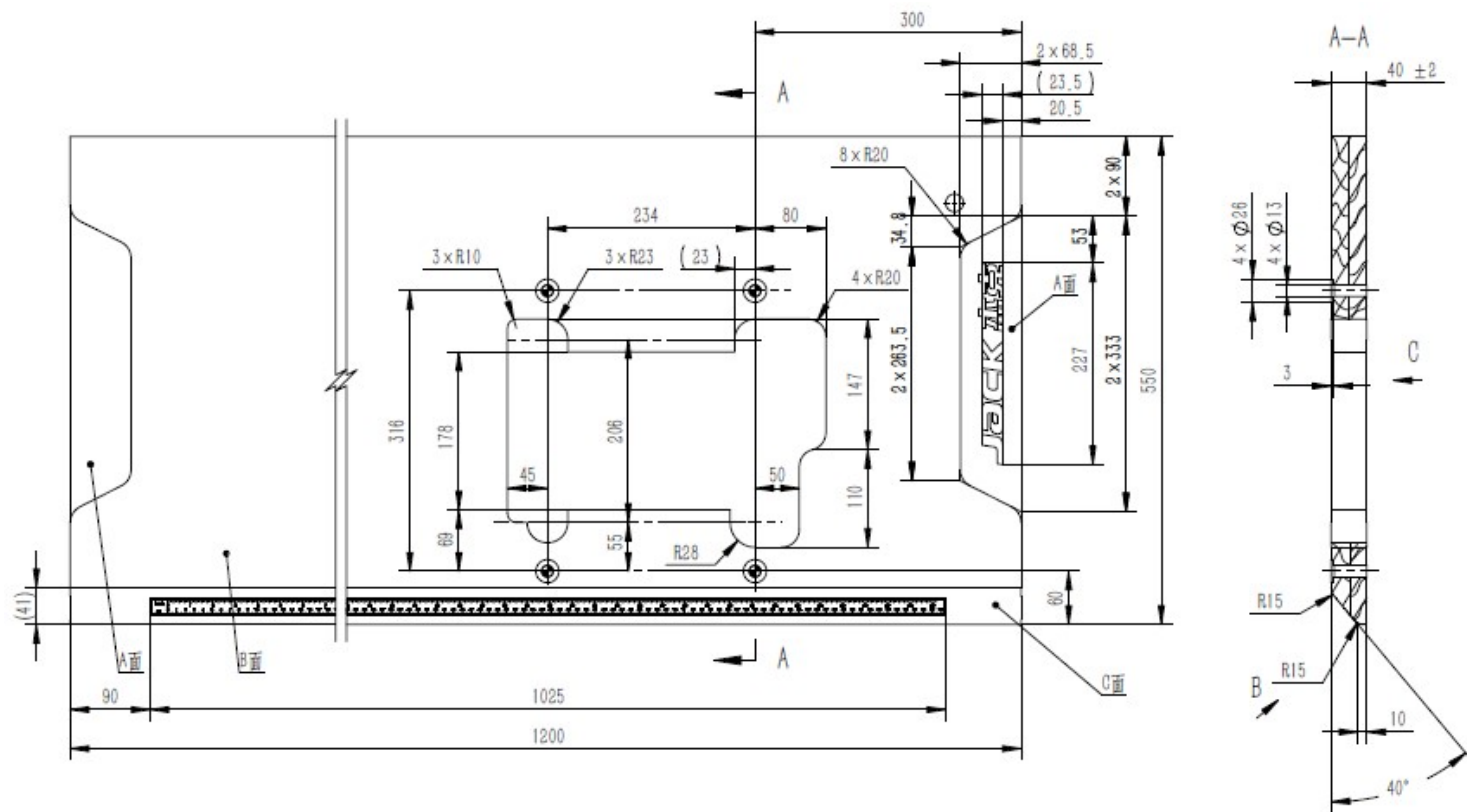
1.1 机器规格 Machine specification

缝纫转速 Sewing speed	出厂转速 Factory speed 4500rpm 最高转速 Maximum speed 6000rpm
线迹长度 Stitch length	1.5mm ~ 4.5mm
针幅 Needle width	5.6mm / 6.4mm
差动比 Differential feed ratio	出厂设定范围 0.8~1.5 Factory setting range 0.8~1.5 差动比调节范围 0.6-1.8 (3mm 针距以下最大差动比 1.8) Differential feed ratio range 0.6-1.8 (Maximum differential feed ratio 1.8 below 3mm needle pitch)
压脚高度 Presser foot height	出厂高度 7.5mm Factory setting height 7.5mm 压脚高度调节范围 Presser foot height range 7.5-10mm
机针型号 Needle type	UY128GAS 10#
重量 Weight	净重 Net weight 51kg 毛重 Gross weight 61kg
额定电压 Rated voltage	AC 220±20%V
最大输出功率 Maximum power	750W

1.2 台板规格 Machine table specifications

请参照下图进行台板的加工。

Cut the table referring to the diagram

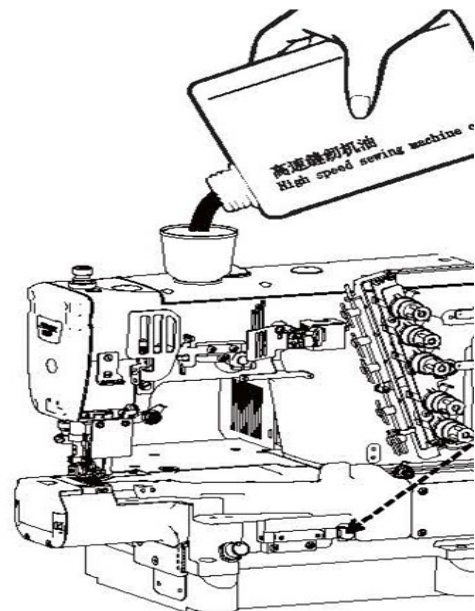


2. 日常维护 Routine maintenance

2.1 供油 Oil supply

加油量是使油面处于 H 线与 L 线之间为好。当油量低于 L 线时，就要及时补充机油。机油请使用本公司指定的 (HIGH SPEED SEWING MACHINE OIL)(ISO 粘度与 VG22 相同)

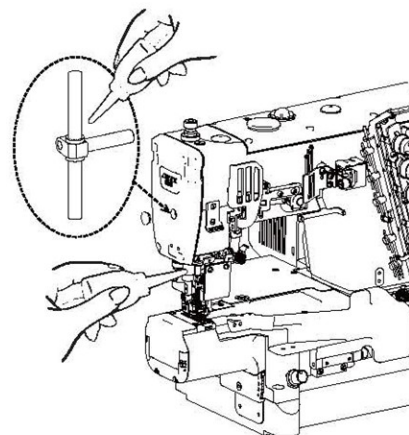
After filling the oil pan, the oil level should lie between (H) and (L) lines. Add oil, when the oil level is below (L) line. Please use the oil (HIGH SPEED SEWING MACHINE OIL) (ISO viscosity is the same as VG22) specified by our company.



2.2 手动给油 Manual lubrication

手动给油是在缝纫机最初开始使用，或较长时间没有使用时，应向针杆滴 2~3 滴机油，确保针杆机构润滑。

When the sewing is used for the first time or has been not used for a long time, be sure to apply 2~3 drops of oil to the needle bar, ensure that the needle bar mechanism is lubricated.



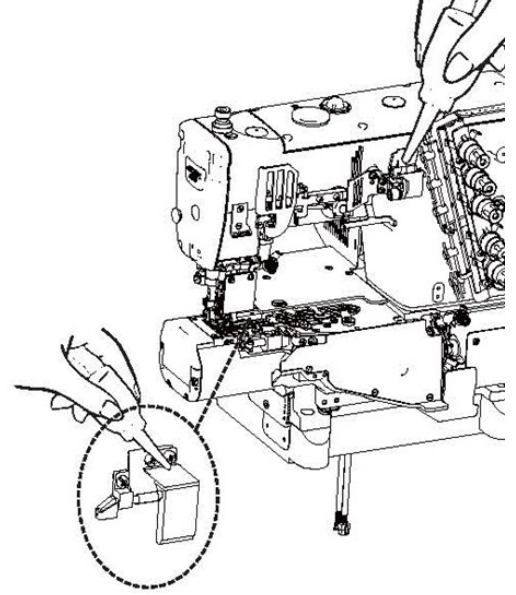
2.3 给 HR 装置供油 Filling the HR device with silicon oil

为防止高速下断线，请尽早给 HR 装置供油。

注:硅油请使用本公司指定的硅油。[请使用日本 UNION CARBIDE(株) UCCL-45(10)]

In order to avoid the high speed situation thread is broken , pls give the HR device provide the oil as soon as possible.

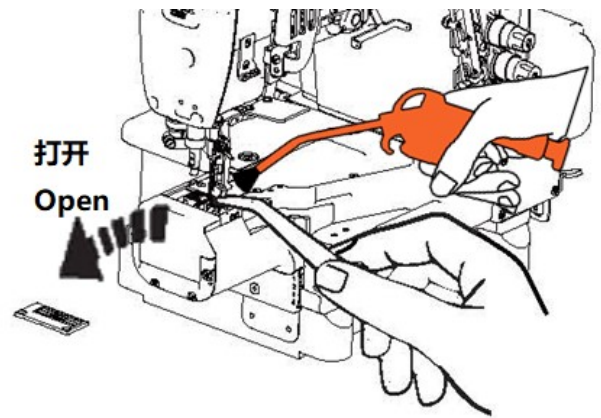
Note : Use our recommended silicon oil(UNION CARBIDE CORPORATION)UCCL-45(10)



2.4 缝纫机的清扫 Cleaning the sewing machine

缝纫机需每日进行清扫，请卸下针板，清扫送布牙、针杆压脚及其周围，清扫过程请打开左盖并使用气枪进行彻底清理；若不及时清理缝纫机将会存在诸多问题。

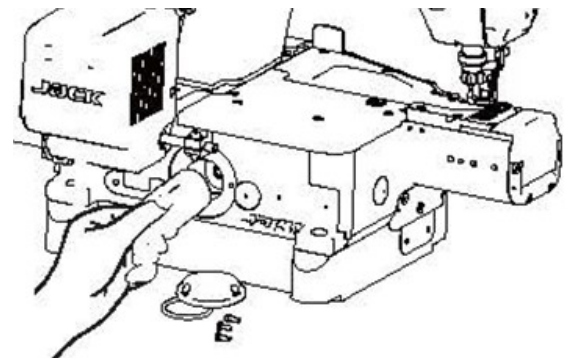
The sewing machine needs to be cleaned daily. Please remove the needle plate, clean the feeding teeth, needle bar presser feet, and their surroundings. During the cleaning process, please open the left cover and thoroughly clean with an air gun; If the sewing machine is not cleaned in a timely manner, there will be many problems.



2.5 油过滤器的点检与更换 Check and replace the oil filter

机油过滤器，请每隔 6 个月点检并更换一次。

Check and replace the oil filter every six months.



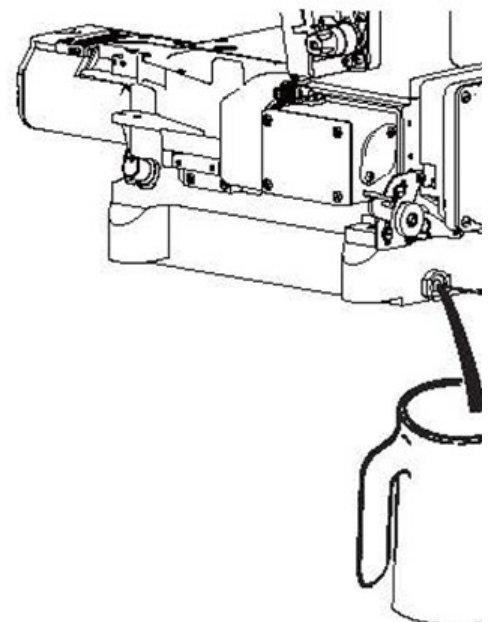
2.6 换机油 Replace the oil

机油的更换，请在使用开始 1 个月后更换一次。然后，每 6 个月更换一次。

注：机油请使用本公司指定的(HIGH SPEED SEWING MACHINE OIL)(ISO 粘度与 VG22 相同)

Replace the oil one month after the first use and then replace every six months.

Note : Please use the oil(HIGH SPEED SEWING MACHINE OIL)(ISO viscosity is the same as VG22)specified by our company.



3. 缝纫前的准备工作 Preparation before sewing

3.1 穿线 Threading

(1)请掀起护罩，打开缝台；

(2)如机器上有缝线，可将缝线相连，如无缝线，请参考右图进行重新穿线

(3)针线：将线拉到针跟前，剪掉线结后再次穿好针线；

(4)弯针线上装饰线：将线接头拉出弯针孔或过线孔后，用剪刀剪齐线结。

(1)Open the guard and covers;

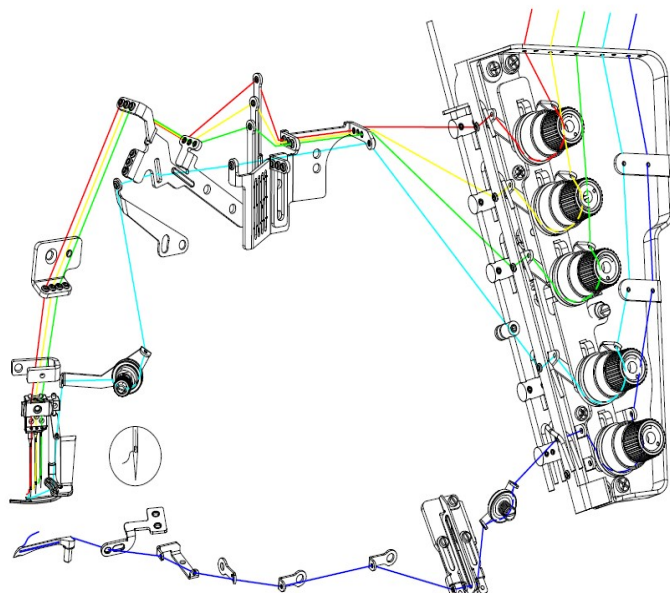
(2)If there are stitches on the machine, they can be connected. If there are no stitches, please refer to the figure on the right for rewiring;

(3)Needle thread: Trim the knots off neatly before passing through the eye of the needle;

(4)Looper thread Top cover thread: Trim the knots off neatly after passing through the eye of the looper or the eye of the thread.

若机器上原来没有线，请参照穿线图进行正确穿线

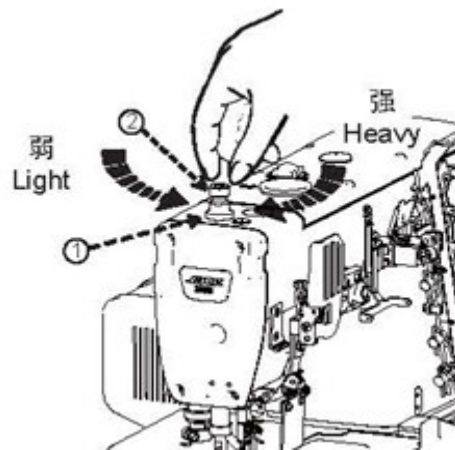
Be sure to thread the machine correctly by referring to the threading diagram.



3.2 压脚压力调节 Presser foot pressure adjustment

压脚压力的调节，先松开螺帽 1，后调节调压螺杆 2。在能取得平稳针脚的范围内，请尽可能使用较弱的压力为好。

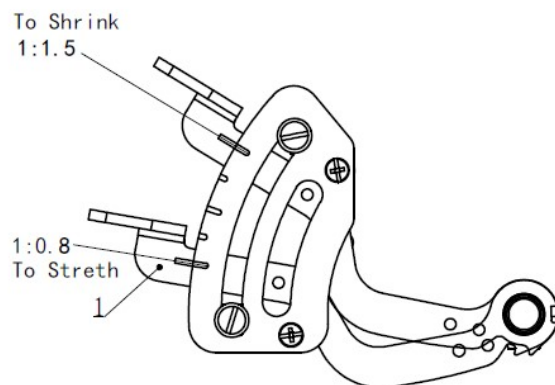
Loosen the adjusting nut 1 first, then turn the adjusting screw 2 to adjust the presser foot pressure. It should be as light as possible, yet be sufficient to obtain the proper stitch formation.



3.3 差动比调节 Diff. feed ratio adjustment

1、改变差动扳手 1 的位置可将差动比改为 0.8-1.5，最大差动比可调至 1:1.8(3 针距以下)

2、Changing the wrench 1 can alter the differential ratio to a range of 0.8-1.5, the maximum differential ratio can alter to 1:1.8 (below 3 gauge pitches)



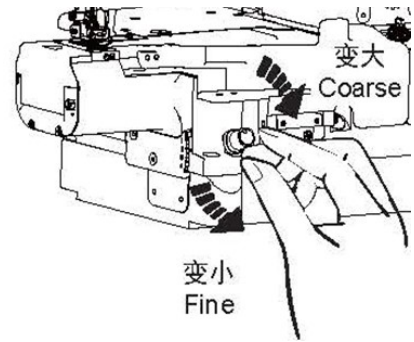
3.4 针脚长度调节 Stitch length adjustment

调节针脚长度，请先松开螺母，然后旋转螺杆进行调节。调节后再锁紧螺母。针脚长度的调节范围为 1.5~4.5mm。

注：针脚长度的调节请务必在调节差动比之后进行

Loosen the adjusting nut first, then turn the adjusting screw to adjust the stitch length. The adjustable range of stitch length is 1.5~4.5mm.

Note: Stitch length adjustment must only be made after the differentia feed ratio has been changed.



3.5 线状态调节 Thread tension

线状态的调节，请用针线夹线器 1，装饰线夹线器 2 以及弯针线夹线器 3 来进行调节的。

Make tension adjustments with the needle thread knob 1, the cover thread knob 2 and the looper thread knob 3



3.6 换针 Replacing the needle

准确辨认针的前后，请将针凹向着后方，即背向操作者进行安装。针要牢固地插到孔的最深处。

Check the needle carefully to see that the scarf is turned to the rear of the machine. Insert the needle to the proper depth, and fasten securely.



3.7 标准表 Standard table

	×□□□							
K7-01GB	356	9.5	2.8-3.0	9.7	4.5-5.0	17	7.5	0.8-1.2
K7-01GB	364	9.1	2.6-2.8	9.3	4.5-5.0	17	7.5	0.8-1.2
K7-35AC	356	9.5	2.8-3.0	9.7	4.5-5.0	17	7.5	0.8-1.2
K7-35AC	364	9.1	2.6-2.8	9.3	4.5-5.0	17	7.5	0.8-1.2

成套智联 让服装智造无限可能



杰克股份官方微信



杰克股份官方抖音



杰克资料库



参观杰克

400-8876-858
www.chinajack.com

杰克科技股份有限公司

浙江省台州市椒江区东海大道东段1008号

电话 :0086-576-88177788 88177789

传真 :0086-576-88177758

JACK TECHNOLOGY CO.,LTD

No.1008, Donghai Road East, Jiaojiang District,
Taizhou city, Zhejiang, China

TEL:0086-576-88177788 88177789

FAX:0086-576-88177758