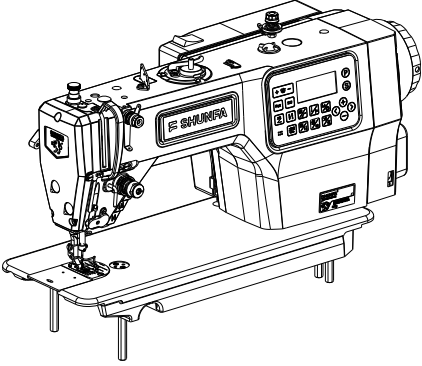


花样缝电脑平缝机 A6 Series

Computerized special stitch pattern lockstitch sewing machine

使用说明书 OPERATION MANUAL 零件手册 PARTS BOOK



安全操作事项 FOR SAFE OPERATION

1. 为避免触电, 请不要打开电机的电箱盖, 也不要触摸电机内部组件。
1. To avoid electrical shock hazards, neither open the cover of the electrical box for the motor nor touch the components mounted inside the electrical box.
2. 为尽可能避免机器运转造成的人身伤害, 手指、头部和衣服应远离上轮, 上轮周围不要放置任何物品。
2. To avoid personal injury, never operate the machine with any of the belt cover, finger guard of safety devices removed.
3. 为避免人身伤害, 移动防护罩、护手挡或安全装置时, 请不要启动机器。
3. To avoid personal injury, when moving the protective cover, hand guard or safety device, do not start the machine.
4. 为避免人身伤害, 机器运转时, 切勿将手放入挑线杆防护罩内。
4. To avoid personal injury, when the machine is running, do not put your hand into the thread take-up cover.
5. 旋梭运转时, 切勿将手指放在旋梭附近。另外, 更换芯时, 请关闭机器电源开关。
5. When the shuttle is running, do not put your finger near the shuttle. In addition, when replacing the bobbin, turn off the power switch of the machine.
6. 为尽可能避免人身伤害, 当提起或抬起机头时, 切勿将手指放入机器内部。
6. To avoid personal injury, when raising the machine head, do not put your finger into the machine.
7. 为尽可能避免人身伤害, 当提起或抬起机头时, 切勿将手指放入机器内部。
7. To avoid personal injury, when raising the machine head, do not put your finger into the machine.
8. 机器配有电机, 机器未运转时, 电机无噪音; 为避免机器的突然启动所造成的事故, 请关闭机器的电源开关。
8. The machine is equipped with a motor. When the machine is not running, the motor does not produce noise. To avoid accidents caused by the sudden start of the machine, turn off the power switch of the machine.
9. 为尽可能避免触电或电器组件受损, 在插上或拔下插头之前, 请关闭电源开关。
9. To avoid electric shock or damage to electrical components, turn off the power switch before plugging or unplugging the power plug.
10. 为避免触电, 请关闭电源开关。
10. To avoid electric shock, turn off the power switch.
11. 为避免触电, 请关闭电源开关。
11. To avoid electric shock, turn off the power switch.
12. 为避免触电, 请关闭电源开关。
12. To avoid electric shock, turn off the power switch.
13. 为避免触电, 请关闭电源开关。
13. To avoid electric shock, turn off the power switch.
14. 为避免触电, 请关闭电源开关。
14. To avoid electric shock, turn off the power switch.
15. 为避免触电, 请关闭电源开关。
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18. 为避免触电, 请关闭电源开关。
18. To avoid electric shock, turn off the power switch.

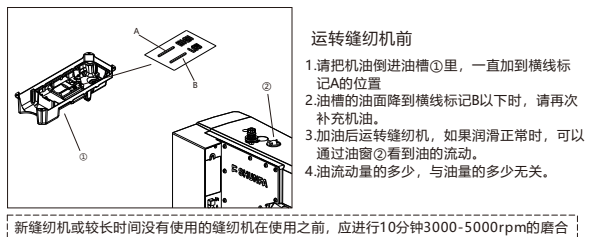
开机前的注意事项 Precautions Prior to Startup

1. 机头装箱前为防止机件生锈, 在部分涂有较厚的防锈油, 同时机头装箱后, 还可能在较长的贮藏和长途运输阶段造成油脂硬化和在机器表面沉积灰尘, 所以必须将表面的油脂和灰尘用汽油和洁油的软布擦拭干净。
1. Before the machine head is packed, to prevent rust of the parts, some parts are coated with a thick layer of rust-prevention grease. After the machine head is packed, it may be affected by vibration resulting in looseness or distortion of the machine parts; therefore the operator shall thoroughly check the machine, turn the upper wheel by hand and check it for difficulty in free rotation, slight impact, and other uneven resisting force or abnormal noises, and make appropriate adjustment if any to restore the machine state before formal trial run.
2. 机器出厂时, 虽经过周密的检查和试验, 但在长途运输中也可能受到强烈的震动使机件松动或弯曲, 所以应做一二次周密的检查, 并打开上轮, 检查机件运转是否正常。
2. Although the machine head is coated with a thick layer of rust-prevention grease before encaement, and the machine surface in process of long storage and long-haul freight, therefore, take care to remove the grease and dust from the surface using soft cloth and gasoline.
3. 油盒内机油面高度没有在规定范围内也不能开车。
3. The oil level in the oil box should be within the normal range.
4. 机器运转时, 上轮转向应该是逆时针方向 (从上方左侧面看)。
4. The upper wheel shall rotate counterclockwise (when it is viewed from the lateral surface of the upper wheel) when the machine is operating.
5. 检查电压和电压表指示的电压。
5. Check whether the voltage and phases indicated on the electric-control data plate are correct.
6. 生产日期应在合格证上。
6. The date of manufacture is indicated on the certificate of conformity.

1. 当接通电源或机器运转时, 请勿将手与机头接触。
1. When the machine is running, do not touch the machine head.
2. 机器运转时, 请勿将手指伸入挑线杆防护罩内。
2. When the machine is running, do not put your finger into the thread take-up cover.
3. 操作者用手送料时, 请勿将手指伸入针杆架。
3. When the operator feeds the material by hand, do not put the finger into the needle bar frame.
4. 机头启动及折手盖时, 一定要切断电源。
4. When the machine head starts or the hand guard is folded, the power must be cut off.
5. 操作者离开机器时, 必须切断电源。
5. When the operator leaves the machine, the power must be cut off.
6. 机器运转时, 切勿将手放在任何东西上, 上轮、挑线杆。
6. When the machine is running, do not put your hand on anything.
7. 只有在停机时, 才能拆卸防护罩或其它保护装置。
7. Only when the machine is stopped, can the protective cover or other protection devices be removed.
8. 不能用布擦或油液稀释剂擦拭机头表面。
8. Never wipe the surface of the machine head with oil or thinner.
9. 1. Never touch the needle by hand when the machine is powered on or while it is operating.
2. Never put your finger into the protection cover of take-up lever during operation of the machine.
3. The operator must not put his finger into the needle guard bracket when he feeds the sewing materials by hand.
4. Operator must trim off the electricity supply before he turns over the machine head or removes the hand cover.
5. The operator must trim off the electricity supply before he gets away from the machine.
6. Prohibit the head, hands and anything to approach the upper wheel and bobbinwinder while the machine is operating.
7. Never remove or mount the protection cover or other protection devices before the machine is stopped.
8. Never wipe up the surface of machine head using paint thinner such as acetone.

2-3. 机头 Machine head

- ① 机头
② 机头轴
③ 机头支柱
- ①. Hinges head
②. Hinges (2pcs)
③. Frame support bar



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5. When the operator leaves the machine, the power must be cut off.
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2-4. 线架 Cotton stand

- ① 线架
② Cotton stand

注意: 将螺母①拧紧以便将两个橡胶垫圈②和垫圈③夹紧, 使线架①固定。

NOTE: Securely tighten the nut ①, so that the two rubber cushions ② and the washer ③ are securely clamped and so that the cotton stand ① does not move.

IMPORTANT SAFETY INSTRUCTIONS

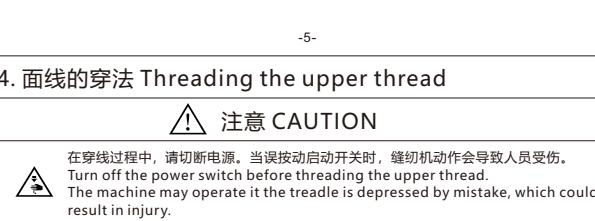
1. 为正确使用本机, 须了解基本的安安全事项, 包括但不限于下列事项。
1. To use this machine correctly, please read this instruction manual carefully before use. We hope you will enjoy the use of your machine for a long time. Please remember to keep this manual in a safe place.
2. 观察基本的安安全事项, 包括但不限于下列事项, 无论何时使用本机。
2. Observe the basic safety measures, including, but not limited to the following ones, whenever you use the machine.
3. 阅读所有的说明, 并保存好使用说明书。如果需要, 请随时翻阅。
3. Read all the instructions, including, but not limited to this instruction manual before you use the machine. In addition, keep this instruction manual so that you may read it at any time when necessary.
4. 使用本机前或使用本机时, 所有安全装置必须配备齐全。机器运转时, 无安全装置属违章操作, 决不允许。
4. Use the machine after it has been ascertained that it conforms with safety rules/standards valid in your country.
5. 操作人员必须经过适当的培训。
5. All safety devices must be in position when the machine is ready for work or in operation. The operator must be properly trained.
6. 为了您的人身安全, 我们建议您戴上防护眼镜。
6. For your personal protection, we recommend that you wear safety glasses.
7. 下列情况下, 请关闭电源开关或拔下电源插头:
7. For the following, turn off the power switch or disconnect the power plug of the machine from the receptacle.
7.1 For threading needle(s) and replacing bobbin.
7.2 For replacing part(s) of needle, presser foot, throat plate, feed dog, cloth guide etc.
7.3 For repair work.
7.4 For when leaving the working place of when the working place is unattended.
8. 如果您应使用油、油脂、等, 使用与机器和设备一起来接触, 请立即清洗被污染部位或去医疗机构。
8. If you should use oil, grease, etc. used with the machine and devices to come in contact with your eyes or skin or swallow any of such liquid by mistake, immediately wash the contacted areas and consult a medical doctor.
9. 无论机器运转与否, 严禁乱动机器零件和配套装置。
9. Tampering with the live parts and devices, regardless of whether the machine is powered, is prohibited.
10. 机器的维修、改造和调整等工作必须由专业技术人员。
10. Repairing, reforming and adjustment works must only be done by appropriately trained technicians or specially skilled personnel.
11. 应请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
11. General maintenance and inspection works have to be done by appropriately trained personnel. Repair and maintenance works of electrical components shall be conducted by qualified electric technicians or under the audit and guidance of specially skilled personnel. Whenever you find a failure of any of electrical components, immediately stop the machine.
12. 必须请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
12. Periodically clean the machine throughout the period of use.
13. 必须请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
13. Grounding the machine is always necessary for the normal operation of the machine. The machine has to be operated in an environment that is free from strong noise sources such as high-frequency welder.
14. 必须请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
14. An appropriate power plug has to be attached to the machine by electric technicians. Power plug has to be connected to grounded receptacle.
15. 必须请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
15. Remodel or modify the machine in accordance with the safety rules/standards while taking all the effective safety measures. We assume no responsibility for damage caused by remodeling or modification of the machine.
16. 必须请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
16. The machine is only allowed to be used for the posed intention. Other used are not allowed.
17. 必须请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
17. Warning hints are marked with the two shown symbols.
18. 必须请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
18. Danger of injury to operator or service staff
19. 必须请专业技术人员或技术人员指导下进行有关电器部件的维修。任何电器部件一经发现受损, 立即停止机器运转。
19. Items requiring special attention

1. 缝纫机规格 MACHINE SPECIFICATIONS

用途 USE	A6 薄料、中厚料 Medium-weight materials	A7 厚料 Heavy-weight materials
最高转速 MAX. Sewing speed	5000sti/min	4000sti/min
最大针距 MAX. Stitch length	5mm	7mm
压脚高度 MAX. Foot lifting lever	5.5mm	13mm
压脚自动升降 Presser foot automatic height	1.0mm	9.5mm
送料针 Needle	DBx1 9#-18#	DPx5 18#-22#
润滑油 Lubrication	15号白油 NO.10 White oil	

2-1. 安装方法 Installation

- ① 调速器
①. Speed controller
- ② 连杆
②. Connecting rod
- ③ 鞋钉 (8个)
③. Rubber cushions (2pcs)
- ④ 机头连接座 (2个)
④. Head cushions (small) (2pcs)
- ⑤ 头部防震垫 (2个)
⑤. Head cushions (big) (2pcs)
- ⑥ 托盘 (1个)
⑥. Tray (1pcs)



1. 在穿线过程中, 请切断电源, 当误按启动开关时, 缝制动作会导致人员受伤。
1. Turn off the power switch before threading the upper thread. The machine may operate if the treadle is depressed by mistake, which could result in injury.
2. 在穿引面线之前转动手轮, 抬高挑线杆①, 这样会使穿线更加容易, 并防止面线在缝制开始时脱落。
2. Turn the machine pulley and raise the thread take-up ① before threading the upper thread. This will make threading easier and it will prevent the thread from coming out at the sewing start.

5. 机针和旋梭的同步 Adjusting the needle and rotary hook timing

1. 当针尖①从最低位置向上移动1.8mm (2.2mm用于M和H规格) 到达旋梭与针杆轴套②下端对齐的位置时, 旋梭尖③应位于针杆轴套④的右侧。
1. When the needle tip ① moves up 1.8mm (2.2mm for M and H specifications) from its lowest position to the position where reference line B is aligned with the lower edge of the needle bar bush ② as shown in the illustration, the distance from the upper edge of the needle hole to the rotary hook tip will be 0.5 to 0.7 mm at this time.
2. 转动挑线杆手轮, 使针杆①从最低位置上升到如图所示的基准线②与针杆轴套③的下端保持对齐为止。
2. Turn the machine pulley to raise the needle bar ① from its lowest position until reference line B is aligned with the lower edge of the needle bar bush ② as shown in the illustration.
3. 拧紧螺钉④ (3个), 使螺钉④与机针④的中心一致, 此时旋梭③与机针④之间的间隙为0.05mm。
3. Loosen the set screws ④, and then align the tip of the rotary hook ③ with the center of the needle ④. The distance between the tip of the rotary hook ③ and the needle ④ should be approximately 0.05mm.
4. 3. Securely tighten the set screws ④.

6. 踏板的调整 Adjustment of the pedal

1. 踏板角度的调整
1. Adjust the angle of treadle by adjusting the length of treadle connecting rod ② and lower connecting rod ③.
2. 踏板高度的调整
2. Adjust the height of the pedal by adjusting the length of the pedal connecting rod ④ and the pedal spring ⑤.
3. 踏板压力的调整
3. Adjust the pressure of the pedal by adjusting the tension of the pedal spring ⑤.
2. 踏板的调整
2. Adjust the angle of treadle by adjusting the length of treadle connecting rod ② and lower connecting rod ③.
3. 踏板高度的调整
3. Adjust the height of the pedal by adjusting the length of the pedal connecting rod ④ and the pedal spring ⑤.
4. 踏板压力的调整
4. Adjust the pressure of the pedal by adjusting the tension of the pedal spring ⑤.

踏板操作 Pedal operation

1. 踏板的操作
1. The machine runs at low sewing speed when you lightly depress the front part of the pedal (as shown in the picture A).
2. 当踏板被踩下时, 机器速度会提高。
2. When the pedal is depressed, the machine speed will increase.
3. 当踏板被踩下时, 机器速度会降低。
3. When the pedal is depressed, the machine speed will decrease.
4. 当踏板被踩下时, 机器速度会提高。
4. When the pedal is depressed, the machine speed will increase.
2. 踏板的调整
2. Adjust the angle of treadle by adjusting the length of treadle connecting rod ② and lower connecting rod ③.
3. 踏板高度的调整
3. Adjust the height of the pedal by adjusting the length of the pedal connecting rod ④ and the pedal spring ⑤.
4. 踏板压力的调整
4. Adjust the pressure of the pedal by adjusting the tension of the pedal spring ⑤.

7-2. 送料牙倾斜的调节 Adjust the lean of feed dog

1. 转动手轮, 将送料牙①开到针板的最高位置。
1. Turn the pulley until the feed dog ① rises to the highest position.
2. 将送料牙①调到针板的最高位置。
2. Turn the pulley until the feed dog ① rises to the highest position.
3. 旋紧压脚座②上的紧固螺钉③。
3. Tighten the tightening screw ③ in the teeth pedestal ②.
4. 调整偏心销④, 使送料牙①向A方向倾斜。
4. Adjust the eccentric pin ④ by screw driver: Fall front site of tooth feed when moving the eccentric pin ④ towards A, and raising it when move towards B. When raising the tooth feed to the highest position, the standard lean position of feed dog is that mark C on eccentric pin ④ should be at the same level D with mark on the teeth pedestal ② and the feed dog should be parallel with needle plate.
5. 调节完成后拧紧压脚座②上的紧固螺钉③。
5. After adjusting, tighten the tightening screw ③ in the teeth pedestal ②.

1. 为了防止起皱, 可降低送料牙前缘。
1. To prevent puckering, lower the front of the feed dog.
2. 为了在重叠缝制时布料不致(缝线)不齐, 可提高送料牙前缘。
2. To prevent the material from slipping, raise the front of the feed dog.
2. 送料牙的倾斜度
2. The lean of the feed dog
3. 送料牙的倾斜度
3. The lean of the feed dog

9. 关于旋梭部油量(迹)调整方法 Adjusting thr amount of oil(oil splashes) in the hook

1. 左面图样根据缝制供需要调整油量, 但要注意不要过大或减少, 油量过少, 会降低缝制(穿线)。
1. The amount of oil shown in the samples on the left should be finely adjusted in accordance with sewing processes. Be careful not to excessively increase/decrease the amount of oil in the hook. If the amount of oil is too small, the hook will be seized (the hook will be hot); if the amount of oil is too much, the sewing product may be stained with oil.
2. 油量(油迹)应调至3次 (3张) 均无变化。
2. The amount of oil (oil splash) should be adjusted so that it remains unchanged after sewing three sheets of paper.

油量调节 (大) Appropriate amount of oil (large)

1. 油量调节 (大) Appropriate amount of oil (large)
1. The amount of oil shown in the samples on the left should be finely adjusted in accordance with sewing processes. Be careful not to excessively increase/decrease the amount of oil in the hook. If the amount of oil is too small, the hook will be seized (the hook will be hot); if the amount of oil is too much, the sewing product may be stained with oil.
2. 油量调节 (大) Appropriate amount of oil (large)
2. The amount of oil shown in the samples on the left should be finely adjusted in accordance with sewing processes. Be careful not to excessively increase/decrease the amount of oil in the hook. If the amount of oil is too small, the hook will be seized (the hook will be hot); if the amount of oil is too much, the sewing product may be stained with oil.

7-1. 标准调整 Standard adjustment

1. 标准调整
1. Standard adjustment
2. 标准调整
2. Standard adjustment
2. 标准调整
2. Standard adjustment
3. 标准调整
3. Standard adjustment

7-1. 调线量的调整

1. 旋紧螺钉①。
1. Tighten the screw ①.
2. 移动右线钩②进行调节: 朝左方向(即A方向)移动, 挑线量会增加; 反之朝右方向(即B方向)移动, 挑线量将会减少。(在右线钩上的刻线C与螺钉中心一致时为标准位置)。
2. Move the right thread hook ② to adjust: the thread amount of thread take-up lever will increase if turned to towards left (A direction), while turning it to the right (direction B) and the thread amount of thread take-up lever will decrease accordingly. (The standard position is obtained when graduation line C on right thread hook is aligned to screw center).
3. 调节完成后拧紧螺钉①。
3. After adjusting, tighten the screw ①.

8. 线张力的调节 Adjusting the Tension of Stitch Thread

1. 线张力的调节
1. Adjusting the tension of stitch thread
2. 线张力的调节
2. Adjusting the tension of stitch thread
2. 线张力的调节
2. Adjusting the tension of stitch thread
3. 线张力的调节
3. Adjusting the tension of stitch thread

10. 踏板压力和行程 Pedal pressure and pedal stroke

1. 踏板压力的调整
1. Adjusting the pressure of the pedal
2. 踏板行程的调整
2. Adjusting the stroke of the pedal

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1. 踏板压力的调整
1. Adjusting the pressure of the pedal
2. 踏板行程的调整
2. Adjusting the stroke of the pedal

7-2. 送料牙的高度 Adjustment of the Height of feed dog

1. 转动手轮, 将送料牙①调到针板的最高位置。
1. Turn the pulley until the feed dog ① rises to the highest position.
2. 将送料牙①调到针板的最高位置。
2. Turn the pulley until the feed dog ① rises to the highest position.
3. 旋紧压脚座②上的紧固螺钉③。
3. Tighten the tightening screw ③ in the teeth pedestal ②.
4. 调整偏心销④, 使送料牙①向A方向倾斜。
4. Adjust the eccentric pin ④ by screw driver: Fall front site of tooth feed when moving the eccentric pin ④ towards A, and raising it when move towards B. When raising the tooth feed to the highest position, the standard lean position of feed dog is that mark C on eccentric pin ④ should be at the same level D with mark on the teeth pedestal ② and the feed dog should be parallel with needle plate.
5. 调节完成后拧紧压脚座②上的紧固螺钉③。
5. After adjusting, tighten the tightening screw ③ in the teeth pedestal ②.

1. 送料牙的高度
1. Height of feed dog
2. 送料牙的高度
2. Height of feed dog

9. 关于旋梭部油量(迹)调整方法 Adjusting thr amount of oil(oil splashes) in the hook

1. 油量(油迹)确认专用纸
1. Confirmation paper for oil splash
2. 油量(油迹)确认专用纸
2. Confirmation paper for oil splash
2. 油量(油迹)确认专用纸
2. Confirmation paper for oil splash
3. 油量(油迹)确认专用纸
3. Confirmation paper for oil splash

10. 踏板压力和行程 Pedal pressure and pedal stroke

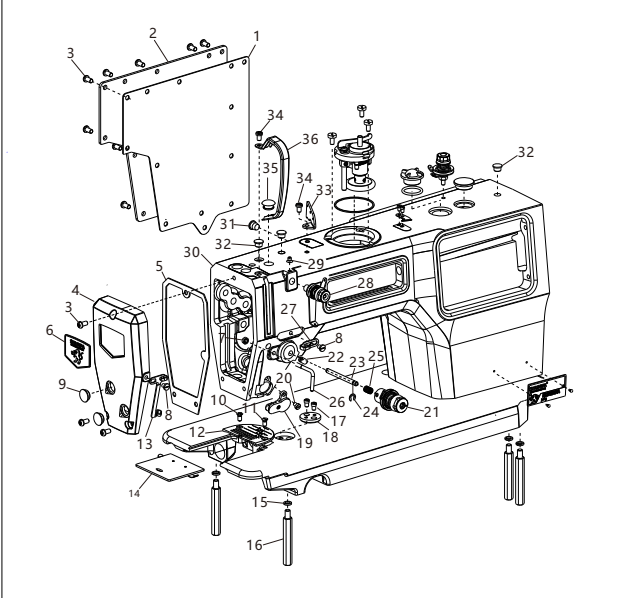
1. 踏板压力的调整
1. Adjusting the pressure of the pedal
2. 踏板行程的调整
2. Adjusting the stroke of the pedal

1. 踏板压力的调整
1. Adjusting the pressure of the pedal
2. 踏板行程的调整
2. Adjusting the stroke of the pedal

1. 踏板压力的调整
1. Adjusting the pressure of the pedal
2. 踏板行程的调整
2. Adjusting the stroke of the pedal

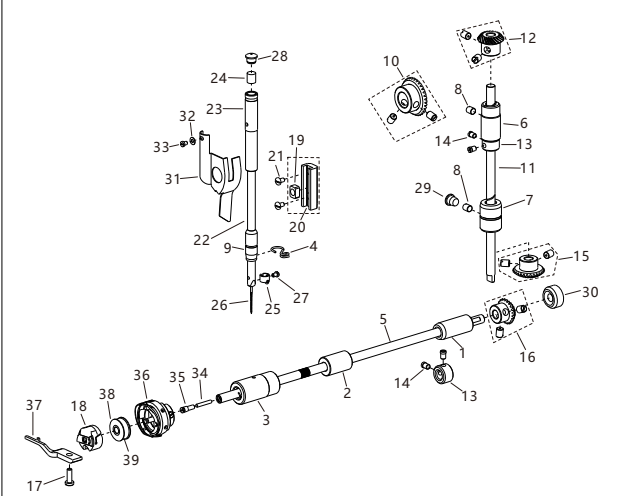
1. 踏板压力的调整
1. Adjusting the pressure of the pedal
2. 踏板行程的调整
2. Adjusting the stroke of the pedal

1. 机壳分组件/Machine frame&miscellaneous cover components



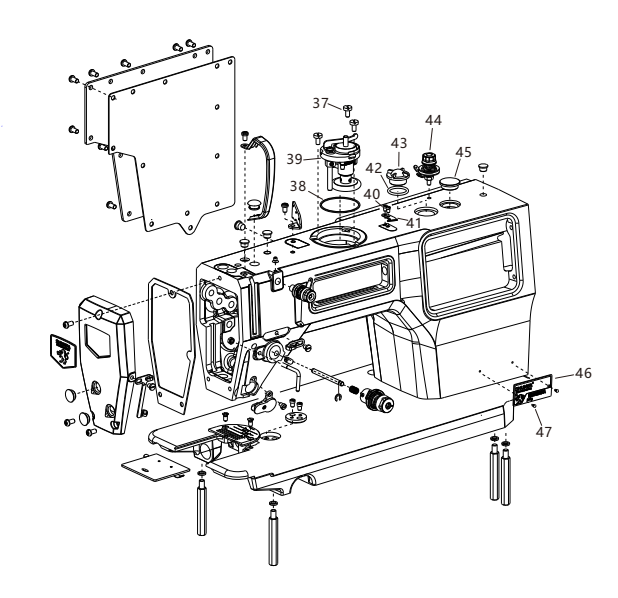
序号 Ref.No.	物料号 Part.No.	名称 Name	Description	数量 Q'ty	备注 Remark
1	11.002.00014	后盖板垫	Side plate gasket	1	
2	20.02.01.00012	后盖板	Side plate	1	
3	17.02.00102	螺钉	Screw	16	
4	20.02.01.00011	面板	Face plate	1	
5	11.002.00017	面板垫	Face plate gasket	1	
6	15.03.00009	商标牌	Trademark	1	
7	17.04.00019	六角螺母	Nut SM11/64"×40 L=3	1	
8	17.02.00083	螺钉	Screw SM11/64"×40 L=6	2	
9	11.001.00027	橡胶塞Φ9.9	Rubber plug	2	
10	17.02.00279	螺钉	Screw SM11/64"×40 L=9	1	
11	17.02.00095	螺钉	Screw SM11/64"×40 L=8.5	1	
12	11.002.00008	针板	Needle plate	1	
13	11.002.00002	左线钩	Arm thread guide left	1	
14	11.001.00026	推板组件	Side plate ASM	1	
15	17.05.00077	标准型弹簧垫圈5	Washer	4	
16	11.000.00001	底板支柱	Bed screw stud	4	
17	17.02.00104	螺钉	Screw SM11/64"×40 L=5.5	2	
18	11.001.00002	卷边器座	Ruler plate	1	
19	11.002.00010	电子夹线器组件	Electromagnet	1	
20	17.01.00121	螺钉	Screw M4 L=5	1	
21	11.002.00004	夹线器组件	Thread take-up device	1	
22	17.01.00139	螺钉	Screw M6 L=10	1	
23	11.001.00062	松线辅助	Tension release supporting pin	1	
24	17.05.00015	开口挡圈4	Side plate gasket	1	
25	11.001.00063	松线辅助弹簧	Spring	1	
26	11.002.00001	缓线钩	Slow line hook	1	
27	11.001.00003	右线钩	Arm thread guide right	1	
28	11.002.00006	小夹线器部件	Thread take-up device	1	
29	17.01.00120	螺钉	Screw M4 L=4	1	
30	19.04.01.00028	机壳组件	Chassis	1	
31	11.001.00008	橡胶塞Φ8.8	Rubber plug	1	
32	11.001.00009	橡胶塞Φ8.5	Rubber plug	3	
33	11.002.00005	三眼过线板	Thread tension guide	1	
34	17.02.00081	螺钉	Screw SM3/16"×28 L=6	2	
35	11.001.00012	橡胶塞Φ12.5	Rubber plug	1	
36	11.002.00009	挑线杆防护罩	Thread take-up lever cover	1	

3. 针杆、勾线分组件/Needle bar &Hook of driving shaft components



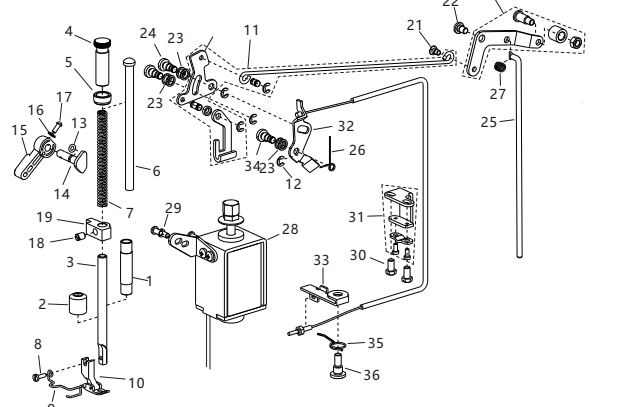
序号 Ref.No.	物料号 Part.No.	名称 Name	Description	数量 Q'ty	备注 Remark
1	11.001.00043	下轴后轴承	Bearing support	1	
2	11.002.00029	下轴后套	Bearing support	1	
3	11.002.00030	下轴前轴承	Bearing support	1	
4	11.001.00048	针杆下轴衬套线钩	Needle bar thread guide	1	
5	11.002.00031	下轴	Hook driving shaft	1	
6	11.002.00033	变轴上轴套	Bearing support	1	
7	11.002.00032	变轴下轴套	Bearing support	1	
8	17.02.00071	螺钉	Screw SM15/64"×28 L=7	2	
9	11.000.00020	针杆下轴衬套	Bearing support	1	
10	11.002.00034	上轴伞齿轮	Gear	1	
11	11.002.00111	变轴	Upright shaft	1	
12	11.002.00037	变轴上伞齿轮	Gear	1	
13	11.002.00036	螺钉	Screw SM1/4"×40" L=8	2	
14	17.02.00069	挡圈	Thrust collar	2	
15	11.002.00035	变轴下伞齿轮	Gear	1	
16	11.002.00038	下轴伞齿轮	Gear	1	
17	17.02.00047	螺钉	Screw SM1/4"×40" L=8	2	
18	11.002.00041	梭壳	Bobbin case	1	
19	11.001.00134	滑块槽	Slide rail	1	
20	11.001.00129	滑块导轨	Glide	1	
21	17.02.00103	针杆	Needle bar	1	
22	11.001.00049	针杆上衬套	Bearing support	1	
23	11.002.00039	针杆上衬套	Bearing support	1	
24	11.002.00026	毛毡	Wool felt	1	
25	11.001.00051	针杆线钩	Needle bar thread guide	1	
26	11.000.00033	DBx1 14#机针	Needle DBx1 14#	1	
27	17.02.00043	螺钉	Screw SM11/8"×44 L=4	1	
28	11.001.00052	橡胶塞Φ8.4	Rubber plug	1	
29	11.001.00008	橡胶塞Φ8.8	Rubber plug	1	
30	11.001.00011	橡胶塞Φ20.9	Rubber plug	1	
31	11.001.00014	面部防油板	Oil stopper	1	
32	17.05.00070	平垫圈3	Washer	1	
33	17.02.00106	螺钉	Screw SM1/8"×44 L=4	1	
34	11.000.00065	下轴油芯	Oil wick	1	
35	17.02.00004	扁油螺钉	Screw SM3/16"×40 L=13	1	
36	11.002.00040	7.94BTR旋梭	Hook 7.94BTR	1	
37	11.001.00054	旋梭定位钩	Positioning finger	1	
38	11.000.00070	梭芯	Bobbin	1	
39		缝线	Thread	1	

1. 机壳分组件/Machine frame&miscellaneous cover components



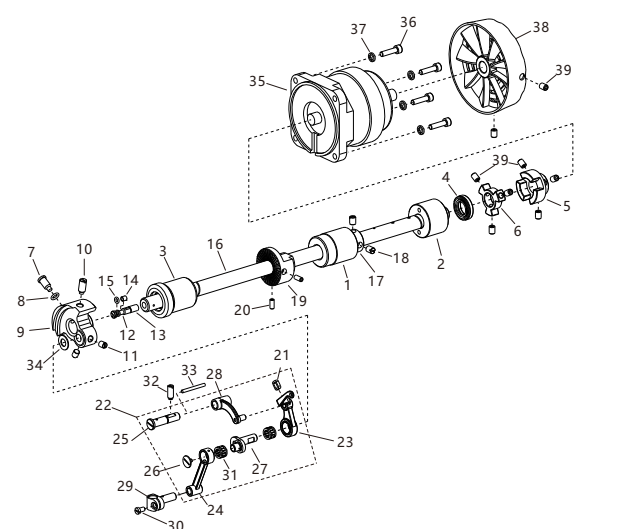
序号 Ref.No.	物料号 Part.No.	名称 Name	Description	数量 Q'ty	备注 Remark
37	17.01.00109	螺钉	Screw M5 L=10	3	
38	11.001.00019	绕线器密封垫	Gasket	1	
39	11.002.00007	绕线器组件	Bobbin wider ASM	1	
40	17.02.00269	螺钉	Screw SM9/64"×40 L=4.5	2	
41	11.001.00006	割线刀	Thread cutter	1	
42	11.001.00120	O型圈Φ24.5	O-ring	1	
43	11.001.00119	油圈	Oil window	1	
44	11.002.00016	底线夹线器组件	Thread take-up device	1	
45	11.001.00013	橡胶塞Φ20.5	Rubber plug	1	
46	15.03.00008	型号牌	Trademark	1	
47	15.03.00062	标准螺钉2.5	Rivet	2	

4. 压脚分组件/Hang Lifter Components



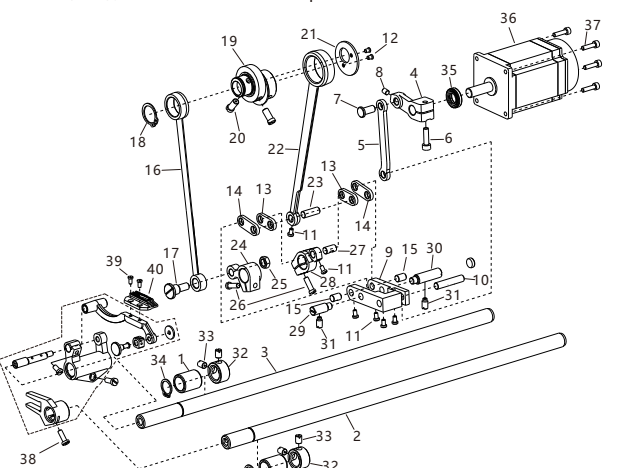
序号 Ref.No.	物料号 Part.No.	名称 Name	Description	数量 Q'ty	备注 Remark
1	11.002.00042	压杆衬套	Bearing support	1	
2	11.001.00067	压杆防油套	Oil proof sleeve	1	
3	11.001.00066	压杆	Pressure rod	1	
4	11.001.00072	调压螺钉	Screw SM1/2"×28 L=41	1	
5	11.001.00073	调压螺母	Nut SM1/2"×28 L=8	1	
6	11.001.00070	调压导杆	Pressure rod	1	
7	11.001.00071	调压套	Spring	1	
8	17.02.00064	螺钉	Screw SM9/64"×40 L=11	1	
9	11.001.00069	护脚架	Protect shelf	1	
10	11.002.00108	压脚	Presser foot ASM.	1	
11	11.014.00002	抬压脚前杆杆衬套	Lifting lever link	1	
12	11.002.00043	抬压脚前杆杆	Lifting lever	1	
13	11.002.00044	压脚升降板	Plate	1	
14	11.002.00045	抬压脚拉杆	Lifting lever connectin	1	
15	11.002.00046	前杆杆销	Pin	1	
16	11.002.00047	前杆杆长衬套	Pin sleeve	1	
17	11.002.00048	开口挡圈5	Snap ring	2	
18	11.002.00049	O型圈	O-ring	3	
19	11.002.00048	压脚板手凸轮	Trigger cam	1	
20	11.002.00047	压脚板手	Cam	1	
21	11.002.00047	平垫圈	Washer	1	
22	17.02.00085	螺钉	Screw SM9/64"×40 L=9.5	1	
23	17.02.00089	螺钉	Screw SM1/4"×40 L=8	1	
24	11.001.00066	压杆导架	Presser guide bar bracket	1	
25	11.002.00050	抬压脚后杆杆衬套	Lifting lever link	1	
26	11.002.00051	抬压脚后杆杆	Lifting lever connecting rod	1	
27	11.002.00052	平垫圈8	Washer	1	
28	11.002.00053	螺钉	Screw SM15/64"×28 L=20.5	1	
29	11.002.00054	螺母	Nut SM15/64"×28 L=5	1	
30	11.002.00055	螺钉	Screw SM15/64"×32 L=7	1	
31	11.002.00056	螺钉	Screw SM15/64"×28 L=11	1	
32	17.02.00087	橡胶垫圈Φ8	Washer	6	
33	17.03.00002	橡胶圈	Screw M8×1.0 L=15.6	2	
34	11.002.00049	抬压脚顶杆	Lifting lever connecting rod	1	
35	11.003.00017	松线顶板复位簧	Spring	1	
36	11.002.00093	抬压脚后杆杆弹簧	Spring	1	
37	18.06.00020	抬压脚电磁铁组件	Electromagnet components	1	
38	17.02.00102	螺钉	Screw SM3/16"×28 L=9	4	
39	17.02.00263	螺钉	Screw SM15/64"×28 L=11	1	
40	11.003.00023	下压板	Platen	1	
41	11.003.00023	压板	Platen	1	
42	11.003.00023	螺钉	Screw SM9/64"×40 L=7.5	2	
43	11.029.00002	松线顶板组件	Apical plate	1	
44	11.003.00021	松线座	Loose wire base	1	
45	17.03.00003	螺线管	Screw M8×1.0 L=20	1	
46	11.003.00022	松线座复位簧	Spring	1	
47	17.02.00264	螺钉	Screw SM11/4"×28 L=21	1	

2. 上轴、挑线分组件/Main shaft&thread take-up components



序号 Ref.No.	物料号 Part.No.	名称 Name	Description	数量 Q'ty	备注 Remark
1	11.002.00021	上轴中轴套	Bearing support	1	
2	11.002.00023	上轴后轴套	Bearing support	1	
3	11.002.00022	上轴前轴套	Bearing support	1	
4	11.001.00032	油封Φ15	Oil seal	1	
5	11.003.00011	外联轴器	Coupling	1	
6	11.003.00010	内联轴器	Coupling	1	
7	17.02.00078	螺钉	Screw SM9/32"×28 L=14.5	1	
8	11.000.00038	O型圈	O-ring	1	
9	11.002.00025	针杆曲柄	Counter weight	1	
10	17.02.00077	螺钉	Screw SM9/32"×28 L=16	1	
11	17.02.00071	螺钉	Screw SM15/64"×28 L=7	1	
12	11.000.00039	曲柄油量调节阀	Adjusting pin	1	
13	11.002.00026	曲柄油量限制毡	Felt	1	
14	11.011.00002	曲柄油量调节阀套	Sleeve of adjusting pin	1	
15	11.000.00038	O型圈	O-ring	1	
16	11.002.00024	上轴	Thrust collar	1	
17	11.002.00027	上轴挡圈	Thrust collar	1	
18	17.02.00089	螺钉	Screw SM1/4"×40 L=8	2	
19	11.002.00117	绕线器驱动轮	Wheel	1	
20	17.02.00261	螺钉	Screw SM11/64"×40 L=10	2	
21	11.001.00039	挑线杆防油套	Oil resistant cover	1	
22	17.01.00113	螺钉	Screw M6 L=8	8	
23	11.002.00094	挑线杆	Electromagnet	1	
24	11.002.00098	针杆连杆	Needle bar crank rod	1	
25	11.002.00099	联轴器	Thread take-up crank shaft	1	
26	11.002.00100	螺钉	Screw SM9/64"×40 L=6	1	
27	11.002.00095	挑线柄	Needle bar crank	1	
28	11.002.00097	挑线连杆	Thread take-up bar	1	
29	11.002.00096	针杆连接柱	Needle bar holder	1	
30	17.02.00129	螺钉	Screw SM9/64"×40 L=6	1	
31	17.06.00001	轴承	Bearing	2	
32	17.02.00079	螺钉	Screw SM15/64"×28 L=15	1	
33	16.05.00023	挑线连杆衬套	Oil thread	1	
34	11.001.00038	针距油嘴防护板	Protective plate	1	
35	18.01.02.00010	上轴电机	Motor	1	
36	17.01.00113	螺钉	Screw M5 L=20	4	
37	17.05.00077	弹簧垫圈	washer	4	
38	20.02.01.00013	手轮	Head wheel	1	
39	17.01.00113	螺钉	Screw M6 L=8	8	

5. 送料分组件/Feed Mechanism Components



34

序号 Ref.No.	物料号 Part.No.	名称 Name	Description	数量 Q'ty	备注 Remark
1	11.001.00077	前轴套	Bearing support	2	
2	11.010.00018	抬牙轴	Feed driving shaft	1	
3	11.010.00017	送料轴	Feed driving shaft	1	
4	11.002.00089	针距曲柄	rocker	1	
5	11.002.00054	针距连杆	Link	1	
6	17.01.00168	螺钉	Screw M5 L=18	1	
7	11.002.00055	针距电机盘销	Pin	1	
8	17.01.00117	螺钉	Screw M5 L=6	1	
9	11.002.00056	摆动座	Feed adjusting	1	
10	11.002.00057	摆动座销	Pin	1	
11	17.02.00084	螺钉	Screw SM9/64"×40 L=5	6	
12	17.02.00270	螺钉	Screw SM9/64"×40 L=6	2	
13	11.001.00096	短摆动手	Short link	2	
14	11.001.00095	长摆动手	Short link	2	
15	11.001.00094	摆动板销	Pin	2	
16	11.001.00092	抬牙连杆	Connecting rod	1	
17	17.02.00084	螺钉	Screw SM9/32"×28 L=22	1	
18	17.05.00007	轴用弹性挡圈20	Snap ring	1	
19	11.002.00110	送料偏心轮	Feed drive eccentric cam	1	
20	17.02.00096	螺钉	Screw SM1/4"×40 L=13	2	
21	11.000.00050	送料偏心轮盖板	Thrust cover	1	
22	11.002.00053	送料连杆	Connecting rod	1	
23	11.001.00091	送料连杆销	Pin	1	
24	11.001.00100	抬牙后曲柄	Lifting rocker	1	
25	17.04.00018	六角螺母	Nut SM1/4"×40 L=4.5	1	
26	17.02.00055	螺钉	Screw SM3/16"×28 L=15	1	
27	11.001.00098	送料曲柄销	Pin	1	
28	11.001.00099	送料曲柄	Feed rocker	1	
29	11.001.00104	摆动板左销	Pin	1	
30	11.001.00105	摆动板右销	Pin	1	
31	17.02.00082	螺钉	Screw SM15/64"×28 L=10.5	2	
32	11.000.00075	抬牙送料轴挡圈	Thrust collar	1	
33	17.02.00089	螺钉	Screw SM1/4"×28 L=8	4	
34	17.05.00008	轴用弹性挡圈15	Snap ring	1	
35	11.002.00058	送料曲1	Oil seal	1	
36	18.01.02.00012	针距电机	Motor	1	
37	17.01.00129	螺钉	Screw M4 L=16	4	
38	17.02.00097	螺钉	Screw SM11/64"×40 L=10.5	1	
39	11.000.00082	送料牙	Feed dog	1	
40	17.02.00098	螺钉	Screw SM1/8"×44 L=6	2	