

一、概述

本系列自动加油拉帮线机，是供给服装、皮革、鞋、帽、毛皮等行业缝制各种厚毛皮、中厚皮革、手套、运动鞋、衣、帽等制品多种用途的缝纫设备。本系列分为 CN800-1 和 CN800-2 两款产品。

CN800-1 为单针单线拉帮机，主要适用于鞋底与鞋面的缝合，如运动鞋，旅游鞋等鞋类拉帮。

CN800-2 为单针双线拉帮机，可缝制皮革、皮毛、软羊革以及双面皮毛和纺织品面料，同时还可以用于领口、袖子翻边和前襟的镶边，用于缝纫的双线线迹非常优美。它还可用于装饰或操作性缝合。

按不同的缝制要求进行选用，本系列各型号产品，均可配三相离合器式电动机和配微机控制滑差电动机驱动，两种电机供用户选用。使用微机控制驱动可以实现缝纫速度无级调整和自动定针，操作更方便可靠，工效高，是现代缝纫的理想设备。

二、主要技术参数

序号	技术参数	机型	
	项目	CN800-1	CN800-2
1	最高缝纫速度 (针/分)	2300	2300
2	针距 (mm)	3-8	3-8
3	针杆行程 (mm)	32.4	28
4	钩针行程 (mm)	5.5-6	4.5-5
5	最大缝纫厚度 (mm)	3-10	3-5.5
6	最大缝纫宽度 (mm)	14	14
7	机针型号 (#)	DPX35 134X35 23/160	DPX5 135X5 14/90
8	缝线规格	80s/6	80s/3
9	马达功率 (W)	400W-550W	400W-550W

三、使用前注意事项

1. 清除油污

机器开箱使用前，应将机器表面的防锈油和灰尘用软布擦干净。

2. 检查机器

本机器虽有可靠的外包装，但仍可能因长途运输或装卸不慎，使机件损坏或移位，因此在使用前应做一次检查，用手转动带轮（顺时针方向）观察机件是否有碰坏、移位、松动或转动困难等不正常现象。如有则须加以调整或更换。

3. 润滑机器

第一次润滑：折下机器上盖（塑料盖），往机器里注入 7#白油。润滑点是自动供油的，所有机器不需要任何维护。通过机器上盖的观测窗，我们可以检查自动供油的功能。建议使用 6 个月后更换油。

四、使用与调整

1. 穿线

把线圈放到线架上，通过线架上的穿线导向（图 3-A1）再穿过左边线导向 01-7（根据针线型号和布料厚度穿导向线架上的孔）通过线松紧调节盘 01-2 到导向 01-12。然后线通过针杆头部的销子 03-3（见图 1）再通过 03-2，同时根据针杆线槽引导穿过 03-7，再从针孔由下向上穿过。

2. 调节线的松紧

轻松转动松线螺母 01-2 (图 4 CN800-1), 线越粗, 要求越紧。松开送料盘支撑臂, 可以松开盘 01-15 而分开线松紧盘, 以保证轻松拉线和送料。06-4 的角度必须保证线松紧盘在缝纫厚度的时候也有作用。

3. 调整针距

如图 5, 针距通过 02-3 针距调节把手调节, 定位在左手轮内面, 由通过手轮里的“S”槽的 02-4 指针固定。在手轮里的 02-4 指针底部安装的地方有数字刻度。手轮上的数据不是针距, 只是参考值。低数值表示缩小了针距, 高数值表示加大了针距。

4. 维护和清洁机器

自动供油使机器不用维护, 油管 D 必须每周清洁一次, 这样运行到针杆的油也可以被收回, 油喷“C”也必须每周清洁一次。(取下弯针轴上的小罩), 避免油波弄脏。(图 Fig. 6)

5. 调整针高度 (见图 2)

特殊装置可以调节针的高度, 最大的好处是可以使用不同的针。转动偏心 03-6 到有槽的一面, 放在针杆顶部的前面。旋松定针片 03-7 上的螺丝 03-10, 调整针高, 再旋紧螺丝 03-10。

6. 设置弯针行程

各系列的机器需要相对应的弯针行程, 由弯针凸轮和弯针偏心决定。从针尖到弯针在直针的中间的位置之间的距离。当弯针在直针的之间的位置的时候, 弯针钩到线圈, 向右倒车, 使弯针在直针的前面。

加大弯针行程——逆着机器运行的方向转动凸轮和弯针偏心。

减少弯针行程——顺着机器运行的方向转动凸轮和弯针偏心。

7. 更换弯针

更换弯针与相应的机器系列和弯针轴对应。

旋松弯针轴 04-3 上的螺丝 04-2 (见图 6)

安装新的弯针, 注意不要碰到指针的前面和后面。

CN800-2

1. 穿线

把线圈放到线架上, 通过线架上的穿线导向 (见图 3) 再穿过左边线导向 01-7 (根据针线型号和布料厚度穿 1 个、2 个或者 3 个孔) 通过线松紧调节盘 01-2 到导向 01-12。然后线放在针杆头部的销子 03-3 下, 绕过夹线钉 03-2。从左向右把线勾到 03-7, 再穿过针孔。(见图 1)

注意保持 01-7 的垂直位置, 这样线松紧盘和线的角度可以达到最大。

2. 弯针穿线

把线圈放到线架上, 通过线架上的穿线导向 (见图 Fig. 4 JJ800-2) 再穿过线导向 01-7 的第二个孔。

(从右过数) 再通过线导向盘 01-2 到右边的线导向 01-12。从那里线通过导向 01-36 上面的孔眼, 再通过弯针轴上挑线的孔眼 04-4 再穿过导向 01-36 下面的孔眼。然后再从右向左, 从上到下穿过弯针。

3. 调节线的松紧

根据线的质量, 种类和型号, 通过松紧螺母 01-2。(图 3 和图 4) 线越粗, 要求越紧。松开送料盘支持

臂，可以松开盘 01-15 而分开线松紧盘，以保证轻松拉线和送料。06-4 的角度必须保证线松紧盘在缝纫厚度的时候也有作用。

4. 调整针距

如图 5，针距通过 02-3 针距调节把手调节，定位在左手轮内面，由通过手轮里的“S”槽的 02-4 指针固定。在手轮里的 02-4 指针底部安装的地方有数字刻度。手轮上的数据不是针距，只是参考值。低数值表示缩小了针距，高数值表示加大了针距。

5. 维护和清洁机器

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6. 调整针高度（见图 2）

特殊装置可以调节针的高度，最大的好处是可以使用不同的针。转动偏心 03-6 到有槽的一面，放在针杆顶部的前面。旋松定针片 03-7 上的螺丝 03-10，调整针高，再旋紧螺丝 03-10。

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加大弯针行程——逆着机器运行的方向转动凸轮和弯针偏心。

减少弯针行程——顺着机器运行的方向转动凸轮和弯针偏心。

8. 更换弯针

更换弯针与相应的机器系列和弯针轴对应。

旋松弯针轴 04-3 上的螺丝 04-2（见图 6）

安装新的弯针，注意不要碰到指针的前面和后面。

五、维修和保养

1. 维修

序号	故障	产生原因	处理方法
1	断针	(1) 针尖钝, 针弯, 针锈	更换针
		(2) 被钩针钩端	调整钩针与直针的相对位置
		(3) 针细而料厚	换针 (参阅机针和缝线的配合表)
		(4) 料盘偏高 (护针板位置偏移)	调整料盘和针的间隙或护针板的准确位置
2	断线	(1) 线路穿错	按正确线路穿线
		6. 夹线器压力过大或压线螺钉开启时间不对	调整夹线器压力与压线螺钉的开启时间
		(3) 针槽, 针孔不光滑	换针
		(4) 过线部位毛燥	用弦线涂研磨膏拉光
		(5) 缝线粗细规格不当	参照机针和缝线配合表换线
3	跳针	(1) 针装反或装偏	重新安装
		(2) 钩针和直针配合间隙不对	重新调整
		(3) 针弯	换针
		(4) 针细线粗或针粗线细	换机针和缝线配合表换针或换线
4	送料呆滞	(1) 送压力盘的齿尖磨损	更换料盘
		(2) 压力盘的压力过小	调整压力
		(3) 离合器的零件磨损	修理或更新
		(4) 送料夹紧螺钉松动	调整后, 旋紧螺钉

2. 保养

- (1) 定期用细软布对机器进行擦拭, 保持机器清洁。
- (2) 使用前应首先检查球形油标内是否喷油、油位是否正常, 一切正常, 方可使用。
- (3) 标明手注润滑的部位根据要求定期加油。
- (4) 每隔半年清洗一次油泵, 更换新油, 确保油路畅通。
- (5) 若发现不正常声响, 应立即停车检查。

六、备件和附件

1. 备件

附件	机型	型号	机针号	数量
(1) 机针	800-1	DPX35 134X35	23/160	1 包
	800-2	DPX5 135X5	14/90	1 包
(2) 弯针	800-1			1 只
	800-2			1 只

2.附件

	800 单线	800 双线
线架	1 套	1 套
内六角扳手 3mm 4mm 5mm	各一把	各一把
镊钳	1 支	1 支
一字螺具（大、小）	各一把	各一把
油壶	1 瓶	1 瓶
附件盒	1 只	1 只
防护板	1 套	1 套
膝控拷脚	1 套	1 套
滚珠	3 个	3 个
翼型螺钉	3 个	3 个
垫片	3 个	3 个
分料器	1 套	
分料器拉杆	1 套	
弹簧	1 根	

I、 Introduction

This series Auto-refuel pulling shoe upper drawing sewing machines are supplied to the clothing, leather, hat and fur industries as multi purpose sewing equipment for stitching furs of all thicknesses, medium leather, gloves, insole of sport shoes, clothes, hats, etc. This series include two models CN800-1 and CN800-2.

CN800-1 is single thread-single needle upper drawing machine mainly for insole of shoes, such as sports shoes, california shoes, etc.

CN800-2 is double thread-single needle upper drawing sewing machine, which can be used in various areas. It can sew leather, fur, sheep skin and double face combined fur and fabric. It can be used for edging of collars, sleeve cuffs and foreparts. The machine produces very beautiful two thread chain stitch. Therefore, it can be used either for decorative or functional seams.

They are to be selected according to different sewing requirements. In the meantime, the different, types of products of this series can be equipped with either of the two types of motor drive : the 3-phase clutch motor drive and the micro computer controlled slip motor drive. It is at the option of the user. The machine with micro computer control drive can vary the machine speed at will and position the needle automatically. It is reliable and easy to operate, and is an ideal equipment for modern sewing.

II、 Technical Specifications

Item no	Specification m/c	CN800-1	CN800-2
1	Max sewing speed(Stitch/min)	2300	2300
2	Stitch length(mm)	3-8	3-8
3	Stroke of needle bar(mm)	32.4	28
4	Stroke of hook needle(mm)	5.5-6	4.5-5
5	Max thickness of material Sewn(mm)	3-10	3-5.5
6	Max fabric clearance(mm)	14	14
7	Needle size (#)	DPX35 134X35 23/160	DBX5 135X5 14/90
8	Thread size(for reference only)	80s/6	80s/3
9	Motor power (W)	400W-550W	400W-550W

III.Cares to be Taken before Operation

1.Cleaning the machine

Clean the machine surface by rust-preventing oils and dirt with soft rag.

2.Check up of the machine

Despite the strong package of the machine, it is still possible that the machine is damaged or dis-aligned due to transportation or mishandling. Therefore it is necessary to make a careful check, and rotate the pulley with hand (clockwise) to see if the machine parts were damaged, displaced, loosened, or difficult to turn. If there is any such abnormalities, they must be readjusted or replaced with new ones.

3.Lubricating

First time lubrication: After taking off outer and inside cover of the machine, Pour original 7# oil, supplied with the machine, from above into the machine. The lubricating spots are automatically provided with oil, so that the machine does not require any maintenance. Through the inspection glass, we can check the function of automatic offering oil. It suggest that we should exchange oil after six months.

IV. Operation and Adjustment

CN800

1.Threading the needle thread

After putting the bobbin on the supporting bolt of the yarn holder, the end of the thread is guided through the eyelet of the thread supporting bow (Fig3). Then it is passed through the left thread guide 01-7 (according to thread size and material thickness through one, two or three holes)and through and material the thread tension discs 01-2 towards the thread guide 01-12 Then the thread is put underneath the pin 03-3 on the head of the needle bar and around the thread clamping screw 03-2.(Fig.1) After hooking it from the left to right into the needle set plate 03-7, it is introduced from underneath into the needle's eyelet.

2.Adjusting thread tension

Thread tension is set according to the kind, quality and size of the thread by means of the tension nut 01-2(Fig.3-4).Thick, threads require a tight tension. Upon releasing the feed cup support arm, the thread tension discs are spread apart by means of the releasing disc 01-15 to ensure easier pulling of thread and withdrawing the material from the machine. The angular piece 06-4(Fig.3) must be set in a manner to ensuer sufficient effect of the thread tension discs also upon sewing thicker material.

3.Adjusting stitch

As shown in Fig.5, stitch setting is carried out by means of stitch setting knob 02-3, positioned on the inner side of the left hand-wheel and fitted with a finger 02-4, which passer through the slit"S" in the hand-wheel. On the hand-wheel there is a numerical scale on which the end of the finger 02-4 is to be set. The figures on the hand-wheel do not indicate stitch lengths, but serve only as references. Lower figures represent reduced stitch lengths and Higher ones increased lengths.

4.Maintenance and cleaning of the machine

Automatic lubrication keeps machine maintenance-free(see lubrication of machine-Paragraph 3). The oil run back duct "D" should be cleaned from hair and dirt Once a week, so that the oil running a way from the needle bar can drain(Fig.6). Also clean oil splashing protector "C" from dirt once pre week (take off small Cover on looper shaft), to avoid oil being soaked up by the dirt and spotting The work.

5.Adjusting needle height (Fig.2)

A special device permits needle height adjustment, a feature particularly advantageous if needles of different sizes are used. Turn the eccentric 03-6, provided with a slit, and placed in front of the head of the needle bar. Loosen screw 03-10 of the needle set plate 03-7. Adjust the needle height and retighten screw 03-10.

6. Setting stroke of looper

The stroke of looper required for the respective sub-classes is set by turning the looper cam and the looper eccentric, measuring from the front dead point of the needle up to the spot where the point of the looper is placed on top of the centre of the needle. At this spot the looper catches the loop and places it in front of the needle by effecting a rearward motion

Increasing stroke of looper--- Turn cam and looper eccentric in opposite direction
To the rotation of the machine

Reducing stroke of looper --- Turn cam and looper eccentric in direction of rotation
of the machine

7. Changing the looper

This operation is effected in accordance with the respective. Sub-classes and its looper shaft. Upon mounting a new looper take care that it touches the needle neither in its front position nor in its rear position.

CN800-2

1. Threading the needle thread

After putting the bobbin on the supporting bolt of the yarn holder, the end of the thread is guided through the eyelet of the thread supporting bow (Fig3). Then it is passed through the left thread guide 01-7 (according to thread size and material thickness through one, two or three holes) and through and material the thread tension discs 01-2 to wards the thread guide 01-12 Then the thread is put underneath the pin 03-3 on the head of the needle bar and around the thread clamping screw 03-2. After hooking it from the left to right into the needle set plate 03-7, it is introduced from underneath into the needle's eyelet (Fig.1).

2. Threading the looper thread

After placing the yarn reel for the looper thread on the holding bolt of the yarn holder 08-1 and threading the thread through on eyelet of the yarn holder, it is passed through the second (right hand) thread guide 01-7 and drawn through the thread guide discs 01-2 to wards the right hand thread guide 01-12, through the eyelet of the thread take up 04-4 on the looper shaft and drawn to wards the lower eyelet of the thread guide 01-36. Then it is threaded through the looper 04-1 from the right to the left and finally from upwards to below (Fig.4).

3. Adjusting thread tension

Thread tension is set according to the kind, quality and size of the thread by means of the tension nut 01-2 (Fig.3 and4). Thick, tense threads require a tight tension. Upon releasing the feed cup support arm, the thread tension discs are spread apart by means of the releasing disc 01-15 to ensure easier pulling of thread and withdrawing the material from the machine. The angular piece 06-4 (Fig.3) must be set in a manner to ensure sufficient effect of the thread tension discs also upon sewing thicker material.

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V.Trouble shooting and maintenance

1. Trouble shooting

NO.	Trouble	Cause	Remedy
1	Broken needle	(1) Needle blunt,bent or rusted	Replace needle
		(2) Broken by hook needle	Adjust the relative position of straight needle and hook needle
		(3) Thin needle on heavy material	Change needle(refer to table for matching needle with thread
		(4) High feeder disc(position of needle guide plate displaced)	Adjust the clearance between feeder disc and needle, or correct the positoion of needle guide plate
2	Broken thread	(1) Wrong threading	Threading correctly
		(2) Pressure of thread holder too high or the opening time of thread pressing screw correct	Adjust pressure of thread holder and opening time of thread pressing screw
		(3) Needle groove and needle hole not smooth	Replace needle
		(4) Parts for passing thread too roug	Polish with string coated with polishing compound
		(5) Improper size of thread	Change thread according to table for matching needle with thread
3	Jumping needle	(1) Needle fixed in reverse or biased	Re-fix needle
		(2)Clearance between hook needle and stright needle incorrect	Re-adjust it
		(3) Bent needle	Replace it
		(4) Fine needle with thick thread or large needle with fine thread	Change needle or thread According to table for matching needle with thread
4	Feeding sluggishly	(1) Teeth on feeder disc or presser disc worn	Replace feeder disc
		(2) Pressure of presser disc too low	Adjust pressure
		(3) Clutch parts worn	Repair or replace the same
		(4) Clamping screw of feeder losse	Readjust and tighten it

2.Maintenance

- (1) Wipe the machine regularly with soft rag to keep the machine clean.
- (2) Before operating the machine, check the spherical oil flow indicator to see if oil is squirting and oil level is normal. If all right, the machine can be started.
- (3) For all parts labelled hand lubricated, they must be regularly lubricated as required.
- (4) The oil pump should be flushed every half a year, the oil changed and oil line kept open and unblocked.
- (5) If any abnormal sound is heard, stop and check the machine immediately.

VII. Spare Parts and Accessories

1.Spare parts

Spare Parts	Machine Model	Model	Size	Q'ty
(1) Needle	CN800-1	DPX35 134X35	23/160	1bag
	CN800-2	DBX5 135X5	14/90	1bag
(2) Hook needle	CN800-1			1pcs
	CN800-2			1pcs

2.Accessories

	CN800-1	CN800-2
Cotton stand post	1set	1set
Allenwrench 3mm. 4mm. 5mm	each 1pcs	each 1pcs
Bent hose tweeze	each 1pcs	each 1pcs
Screwdriver 65X3(Plastic handie) 140X5(Wooden handie)	1pcs	1pcs
Small oil can	1set	1set
Accessories kit	1 set	1set
Safety guard board	1 set	1set
Knee Contral	1set	1set
Ball	3 pcs	3 pcs
Screws	3 pcs	3 pcs
Washers	3 pcs	3 pcs
Feed Plate	1set	
Bar	1set	
Spring	1pcs	

零件图册

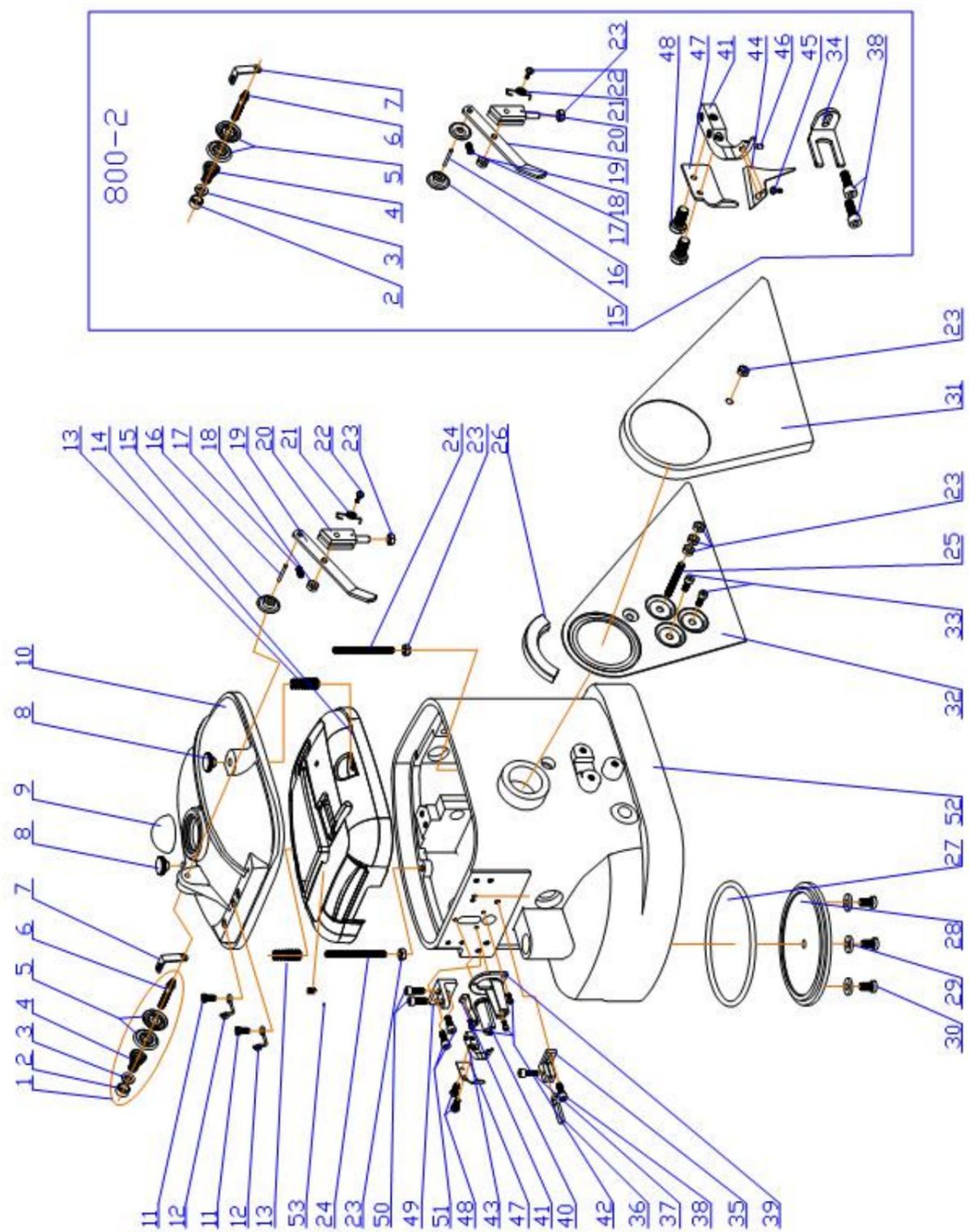
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1、机壳部件 Frame Body Components



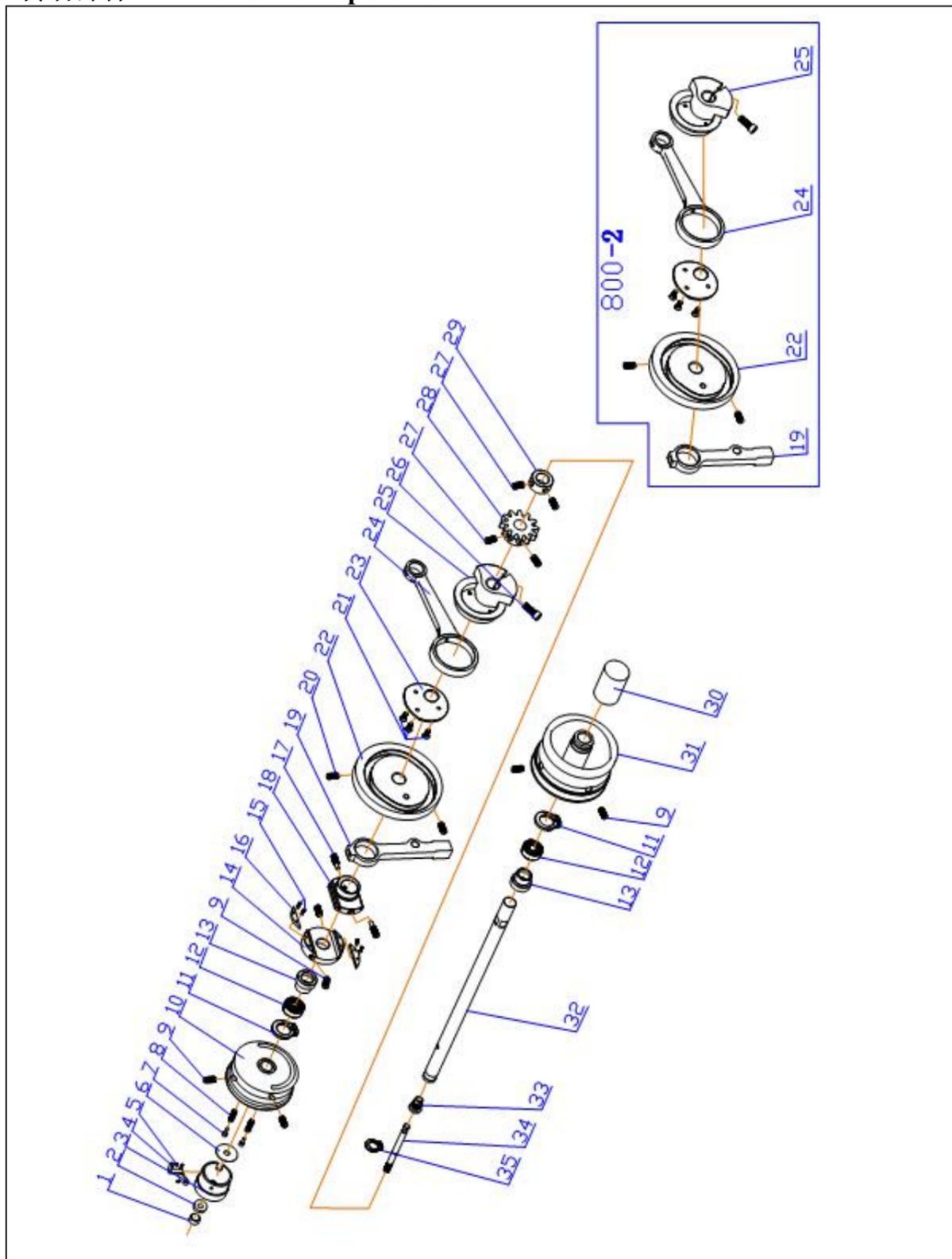
1.机壳部件 Frame Body Components

No	代号 Parts No.	名 称 Description	数量 Q'ty		
			800-1	800-2	
1	01-1	压线器总成	Thread holder assembly	1	1
2	01-2	压线器螺母	Thread holder nut	1	1
3	01-3	挡圈	Ring	1	1
4	01-4	压线器弹簧	Thread holder spring	1	1
5	01-5	压线板	Thread holder	2	2
6	01-6	压线器螺钉	Thread holder screw	1	1
7	01-7	双孔过线板	Double-thread guiding plate	1	1
8	01-8	调整螺帽	Adjusting nut	2	2
9	01-9	油窗	oil window	1	1
10	01-10	上盖	Upper cover	1	1
11	01-11	圆柱头螺钉	Fillister head machine screw M5X10	2	2
12	01-12	单过线架	Single thread support	2	2
13	01-13	弹簧	Spring	2	2
14	01-14	塑料盖	Plastic cover	1	1
15	01-15	挡圈	Ring	1	2
16	01-16	销	Pin	1	1
17	01-17	平端紧定螺钉	Flat point set screw M4X5	1	1
18	01-18	螺帽	Nut	1	1
19	01-19	曲柄	crank	1	1
20	01-20	曲柄座	crank seat	1	1
21	01-21	曲柄弹簧	crank spring	1	1
22	01-22	曲柄销	crank pin	1	1
23	01-23	螺帽	Nut M5	8	8
24	01-24	螺杆	Screw column M6	2	2
25	01-25	螺杆	Screw column M6X56	1	1
26	01-26	罩板垫	Housing Plate Pad	1	1

1.机壳部件 Frame Body Components

No	代号 Parts No.	名 称 Description	数量 Q'ty	
			800-1	800-2
27	01-27	O 型环 O-type Ring	1	1
28	01-28	油盖 Oil cap	1	1
29	01-29	垫圈 Washer	3	3
30	01-30	盘头螺钉 Fillister head machine screw M6X10特制	3	3
31	01-31	外罩板 Outside housing plate	1	1
32	01-32	内罩板 Inside housing plate	1	1
33	01-33	圆柱头螺钉 Fillister hand	2	2
34	01-34	护线定位座 Thread-guard set base	0	1
35	01-35	固定座 Set base	1	1
36	01-36	自由滑块 Slipper	1	1
37	01-37	内六角圆柱头螺钉 Hex Socket cylindrical head machine screw M4X10	1	1
38	01-38	内六角圆柱头螺钉 Hex Socket cylindrical head machine screw M4X12	1	3
39	01-39	勾针杆护套 Blade sheath	1	1
40	01-40	勾针杆上套 Hook needle bar upper bush	1	1
41	01-41	支座压板 Plate	1	1
42	01-42	圆柱头螺钉 Fillister screw M3X8	3	3
43	01-43	拦料棒 Material guide bar bracket	1	1
44	01-44	护针板 Needle-guarding plate	0	1
45	01-45	盘头螺钉 Filter screw M2.5X3	0	1
46	01-46	销 Pin	0	1
47	01-47	送料板护罩 Material-feeding cover	1	1
48	01-48	沉头螺钉 Countersunk screw M2.5X5	2	2
49	01-49	拦料棒座 Material guide bar bracket	1	1
50	01-50	内六角圆柱头螺钉 Hex Socket Cylindrical head machine Screw M4X12	2	2
51	01-51	内六角圆柱头螺钉 Hex Socket Cylindrical head machine Screw M5X15	2	2
52	01-52	机壳 Machine frame body	1	1
53	01-53	油管固定簧 Oil Tube Fixing Spring	1	1

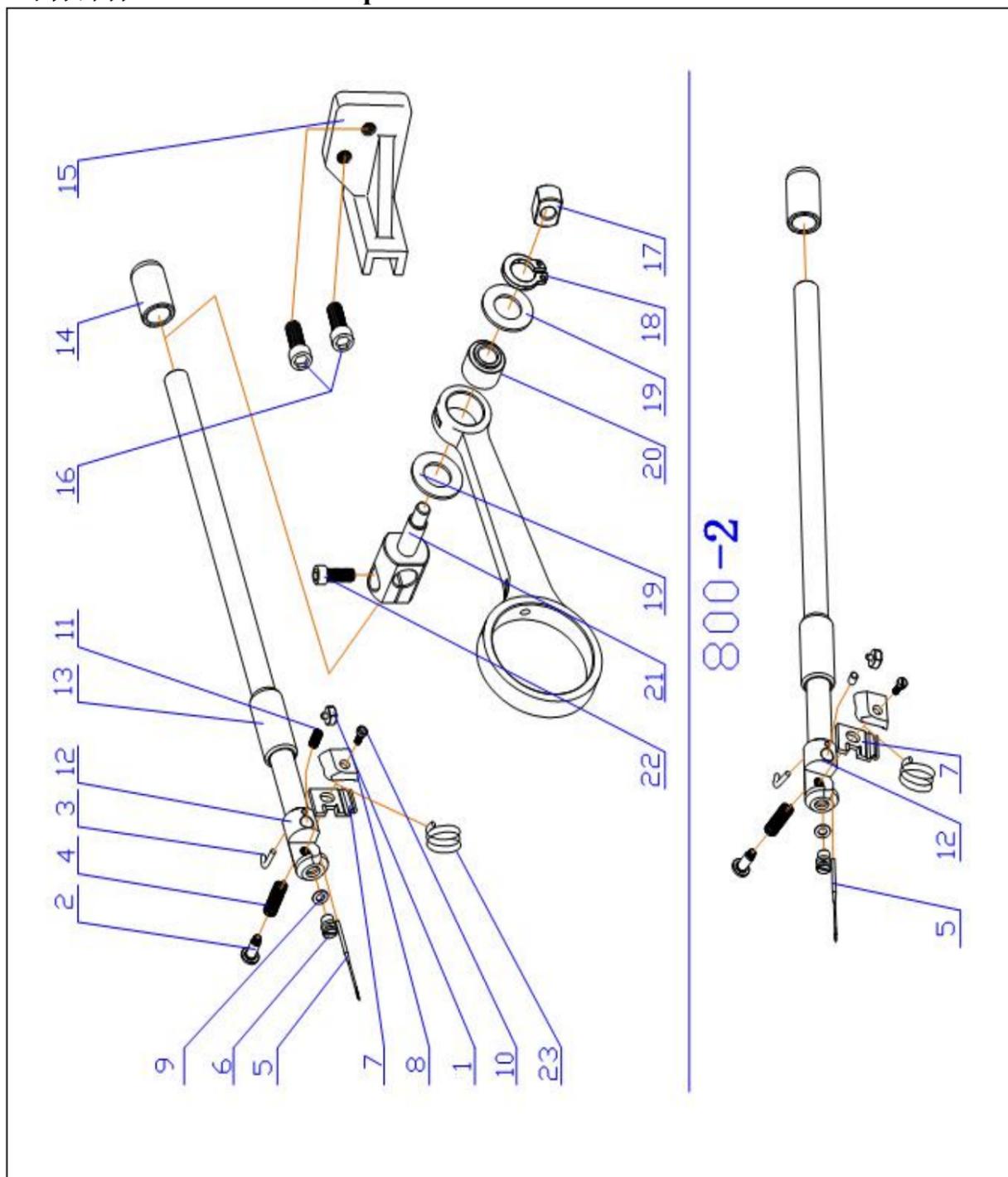
2.传动部件 Drive Part Components



2.传动部件 Drive Part Components

NO	代号 Parts No.	名 称 Description	数量 Q' ty	
			800-1	800-2
1	02-1	塑料帽 Plastic cap	1	1
2	02-2	螺帽 Nut M6	1	1
3	02-3	调节手柄 Adjusting handle	1	1
4	02-4	调节板 Stitch Indicator	1	1
5	02-5	空心柳钉 Tubular rivet	2	2
6	02-6	大垫圈 Large washer	1	1
7	02-7	定位销 Orientation pin	2	2
8	02-8	弹簧 Spring	2	2
9	02-9	紧定螺钉 Set screw M6X12	6	6
10	02-10	手轮 Hand wheel	1	1
11	02-11	卡簧 Retaining Rings	2	2
12	02-12	轴承 Bearing	2	2
13	02-13	轴套 Collar	2	2
14	02-14	送料调节偏心座 Feeder connecting rod eccentric bracket	1	1
15	02-15	圆柱头螺钉 Fillister machine screw M4X8	4	4
16	02-16	压片 Pressing plate	2	2
17	02-17	调节螺钉 Adjusting Screw	2	2
18	02-18	送料调节偏心 Feeder adjusting eccentric	1	1
19	02-19	送料连杆 Feeder connecting rod	1	1
20	02-20	内六角圆柱头螺钉 Hex Socket cylindrical head Screw M6X16	2	2
21	02-21	沉头螺钉 Flat head machine screw	3	3
22	02-22	钩针凸轮盘 Hook cam disc	1	1
23	02-23	针杆偏心盖 Needle eccentric cover plate	1	1
24	02-24	针杆偏心连杆 Needle bar eccentric connecting	1	1
25	02-25	针杆偏心轮 Needle bar eccentric	1	1
26	02-26	内六角圆柱头螺钉 Hex Socket cylindrical head Screw M6X25	1	1
27	02-27	紧定螺钉 Set screw M5X6	4	4
28	02-28	齿轮 Gear	1	1
29	02-29	挡圈 Retaining ring	1	1
30	02-30	塑料帽 Plastic cap	1	1
31	02-31	带轮 Puller	1	1
32	02-32	主轴 Spindle	1	1
33	02-33	调节螺母 Adjusting Nut	1	1
34	02-34	调节螺杆 Adjusting Screw	1	1
35	02-35	卡簧 Retaining Rings	1	1

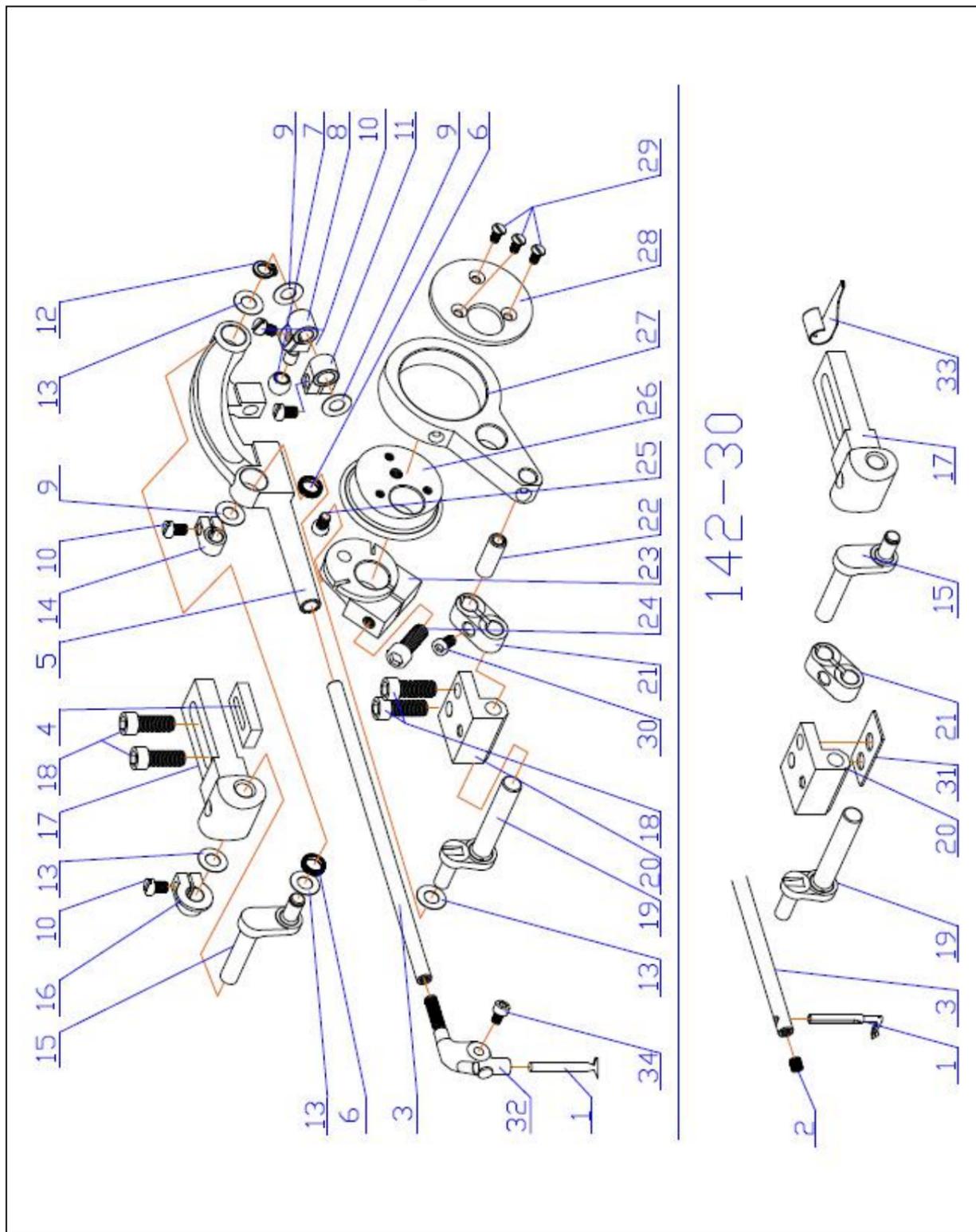
3.针杆部件 Needle bar Components



3.针杆部件 Needle bar Components

No	代号 Parts No.	名 称 Description		数量 Q' ty	
				800-1	800-2
1	03-1	机针限位	Needle Stop	1	1
2	03-2	压线螺钉	Thread holder screw	1	1
3	03-3	勾线架	Thread hook	1	1
4	03-4	压线弹簧	Thread holder spring	1	1
5	03-5	机针	Needle	1	1
6	03-6	调节偏心螺钉	adjusting eccentric screw	1	1
7	03-7	调节板	adjusting plate	1	1
8	03-8	压针板	Needle clamp plate	1	1
9	03-9	O 型环	O-type ping	1	1
10	03-10	内六角圆柱头螺钉	Hex socket cylindrical head Screw M4X8	1	1
11	03-11	压线顶头	Thread holder centre end	1	1
12	03-12	针杆头	Needle	1	1
13	03-13	针杆前轴套	Needle bar front bushing	1	1
14	03-14	针杆后轴套	Needle bar rear bushing	1	1
15	03-15	滑块座	Slider bracket	1	1
16	03-16	内六角圆柱头螺钉	Hex socket cylindrical head Screw M6X16	2	2
17	03-17	滑块	Slider	1	1
18	03-18	卡簧	Retaining Rings	1	1
19	03-19	挡圈	Retaining ring	2	2
20	03-20	轴套	Collar	1	1
21	03-21	针杆偏心连接杆	Needle bar eccentric connecting rod	1	1
22	03-22	内六角圆柱头螺钉	Hex socket cylindrical head Screw M5X10	1	1
23	03-23	压簧	Spring	1	1

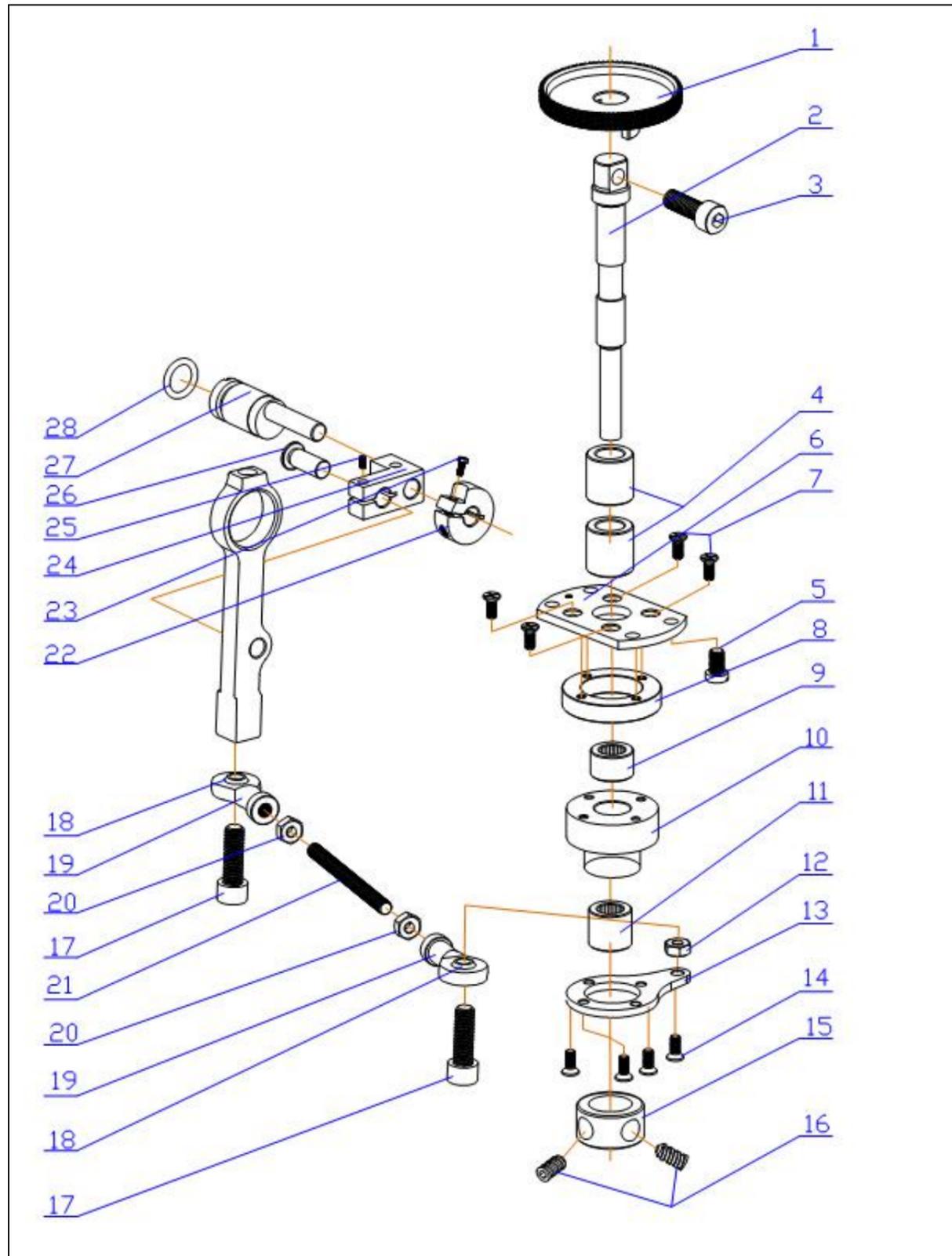
4. 钩针部件 Hook Needle Part Components



5.钩针部件 Hook Needle Part Components

No	代号 Parts No.	名 称 Description	数量 Q' ty		
			800-1	800-2	
1	04-1	钩针	Hook needle	1	1
2	04-2	紧定螺钉	Set screw M4X5	0	1
3	04-3	钩针摆动轴	Hook rocker shaft	1	1
4	04-4	垫块	Washer	1	0
5	04-5	钩针杆座	Lopper Frame	1	1
6	04-6	滚针轴承	Bearing handle	2	2
7	04-7	珠子	shot	1	1
8	04-8	钩针摆动滚针轴	Hook rocker connecting rod front crank	1	1
9	04-9	垫圈	Washer	2	2
10	04-10	内六角圆柱头螺钉	Hex socket cylindrical head Screw M4X10	4	4
11	04-11	钩针摆动轴扎头	Hook rocker shaft collar	1	1
12	04-12	卡簧	Retaining Rings	1	1
13	04-13	垫圈	Washer	2	2
14	04-14	前曲柄轧头	front crank chuck	1	1
15	04-15	后曲柄	Back crank shaft	1	1
16	04-16	后曲柄轧头	rear crank shaft chuck	1	1
17	04-17	后曲柄固定座	Back crank shaft Fixed seat	1	1
18	04-18	内六角圆柱头螺钉	Hex socket cylindrical head Screw M6X16	4	4
19	04-19	前曲柄	Front crank shaft	1	1
20	04-20	前曲柄固定座	Front crank shaft Fixed seat	1	1
21	04-21	钩针曲柄轧头	Hook crank chuck	1	1
22	04-22	钩针连杆销	Hook connecting pin	1	1
23	04-23	钩针偏心轮座	Hook eccentric bearing seat	1	1
24	04-24	内六角圆柱头螺钉	Hex socket cylindrical head Screw M5X20	1	1
25	04-25	内六角圆柱头螺钉	Hex socket cylindrical head Screw M5X15	1	1
26	04-26	钩针偏心轮	Hook eccentric bearing	1	1
27	04-27	钩针偏心连杆	Hook eccentric connecting	1	1
28	04-28	钩针偏心盖板	Hook eccentric cover plat	1	1
29	04-29	沉头螺钉	Flat head machine screw M3.5X9	3	3
30	04-30	内六角圆柱头螺钉	Hex socket cylindrical head Screw M5X12	1	1
31	04-31	调正片	Adjusting plate	0	1
32	04-32	钩针座	Hook needle seat	1	0
33	04-33	送线片	Thread-feeder plate	0	1
34	04-34	内六角圆柱头螺钉	Hex socket cylindrical head Screw M4X6	1	0

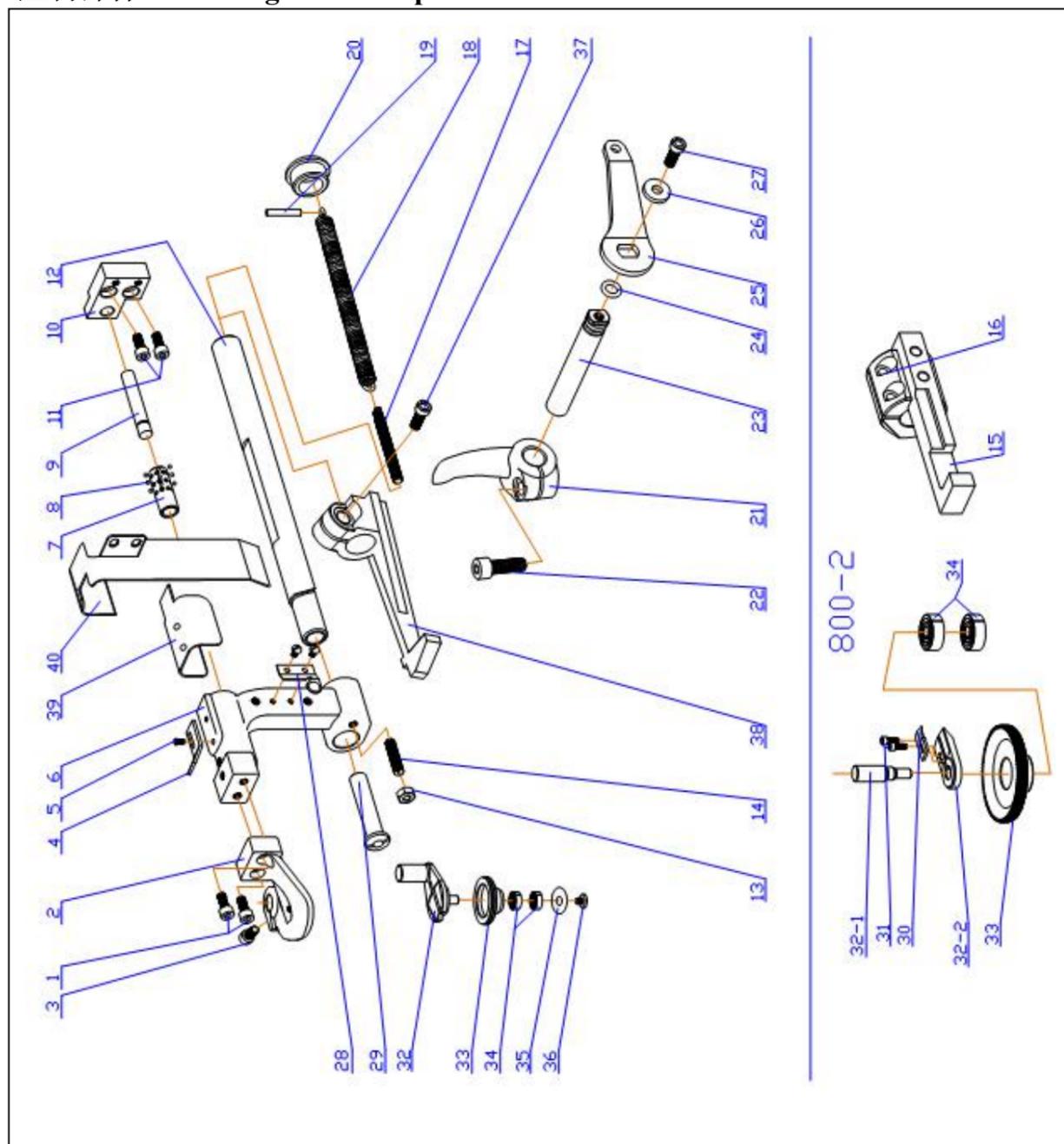
5.送料部件 Feeding Part Components



5. 送料部件 Feeding Part Components

No	代号 Parts No.	名 称 Description	数量 Q' ty	
			800-1	800-2
1	05-1	送料盘 Feeder disc	1	1
2	05-2	送料主轴 Feeder main shaft	1	1
3	05-3	内六角圆柱头螺钉 Hex socket cylindrical head screw M6X18	1	1
4	05-4	送料套筒 Feeding core tube	2	2
5	05-5	内六角圆柱头螺钉 Hex socket cylindrical head screw M5X12	4	4
6	05-6	进退轮固定板 Advance and retreat fixed plate	1	1
7	05-7	沉头螺钉 Flat head machine screw M4X8	4	4
8	05-8	进退轮外环 Advance and retreat wheel outer ring	2	2
9	05-9	单向轴承 HF1216 One way bearing	1	1
10	05-10	传动外环 Transmission outer ring	1	1
11	05-11	单向轴承 HFL1226 One way bearing	1	1
12	05-12	螺母 Nut M6	1	1
13	05-13	传动固定板 Transmission fixed plate	1	1
14	05-14	沉头螺钉 Flathead machine screw	4	4
15	05-15	挡圈 Ring	1	1
16	05-16	内六角圆柱头螺钉 Hex Socket cylindrical head screw M4X10	2	2
17	05-17	内六角圆柱头螺钉 Hex Socket cylindrical head screw M6X25	2	2
18	05-18	连杆端轴承 Rod end bearing	2	2
19	05-19	连杆 Connecting rod	2	2
20	05-20	螺帽 Nut	3	3
21	05-21	连接螺钉 Connecting screw M6X60	1	1
22	05-22	挡圈 Collar	1	1
23	05-23	内六角圆柱头螺钉 Hex Socket cylindrical head screw M4X10	1	1
24	05-24	连接轴座 Connecting shaft seat	1	1
25	05-25	平端紧定螺钉 Flat point set Screw M5X8	1	1
26	05-26	套轴 Sleeve spindle	1	1
27	05-27	偏心轴 Eccentric Shaft	1	1
28	05-28	O型环 O-type ring	1	1

6.压料部件 Pressing Part Components

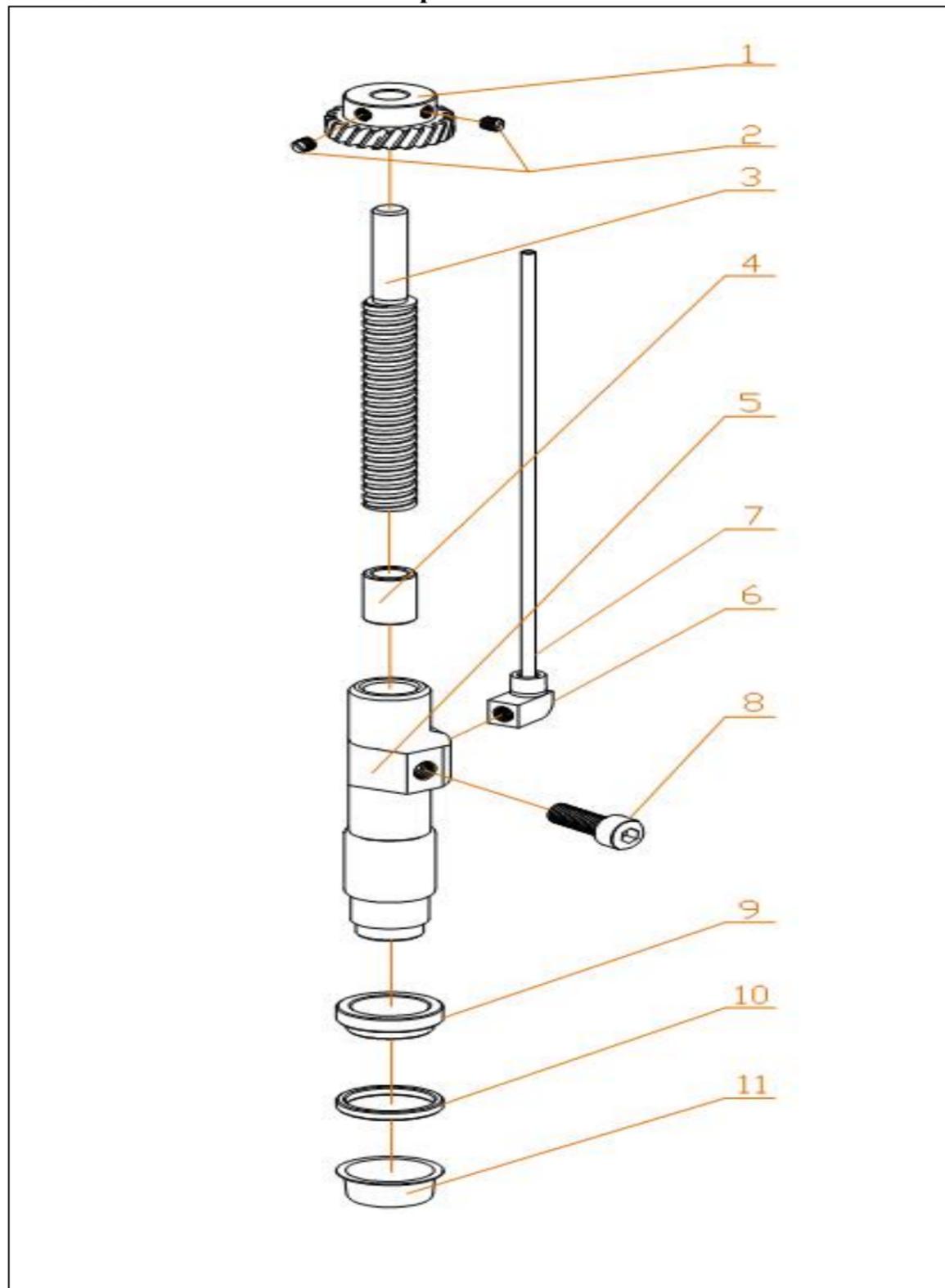


6. 压料部件 Pressing Part Components

No	代号	名称	数量 Q' ty
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	Parts No.	Description	800-1	800-2
1	06-1	内六角圆柱头螺钉 Hex socket cylindrical head screw M5X20	2	2
2	06-2	支架曲柄臂 Crank arm	1	1
3	06-3	内六角圆柱头螺钉 Hex Socket cylindrical head screw M5X16	1	1
4	06-4	松线压板 Thread clamp plate	1	1
5	06-5	圆柱螺钉 Fillister head machine screw M4X6	1	1
6	06-6	压料支架 Presser support	1	1
7	06-7	铜轴套 Copper bushing	1	1
8	06-8	钢珠 Steel Ball	18	18
9	06-9	固定座轴 Setting bushing	1	1
10	06-10	固定座 Fixed plate	1	1
11	06-11	内六角圆柱头螺钉 Hex socket cylindrical head screw M5X12	2	2
12	06-12	压料杆 Presser rod	1	1
13	06-13	螺母 Set screw M5	1	1
14	06-14	紧定螺钉 Set screw M5X25	1	1
15	06-15	拉簧连接架 Tension spring connecting line	0	1
16	06-16	拉簧连接架座 Tension spring connecting ling bracket	0	1
17	06-17	拉簧调节螺钉 Tension spring adjusting screw	1	1
18	06-18	拉簧 Tension spring	1	1
19	06-19	平行销 Flat pin	1	1
20	06-20	闷头 Plug	1	1
21	06-21	压料曲柄 Presser crank	1	1
22	06-22	内六角圆柱头螺钉 Hex socket cylindrical head screw M8X25	1	1
23	06-23	压料曲柄轴 Presser handle shaft	1	1
24	06-24	O型密封圈 O type ring	1	1
25	06-25	压料手柄 Presser handle	1	1
26	06-26	垫圈 Washer	1	1
27	06-27	内六角圆柱头螺钉 Hex socket cylindrical head screw M5X12	1	1
28	06-28	刀片 knife	1	1
29	06-29	调节杆 Adjusting rod	1	1
30	06-30	护针板盖 Needle plate	0	1
31	06-31	圆柱螺钉 Fillister head machine screw	0	2
32	06-32	压料盘连接轴 Presser disc spindle	1	1
33	06-33	压料盘 Presser disc	1	1
34	06-34	轴承 Bearing	2	2
35	06-35	轴承压板 Bearing presser plate	1	1
36	06-36	盘头螺钉 Fillister head machine screw	1	1
37	06-37	内六角圆柱头螺钉 Hex Socket cylindrical head screw M6X16	1	4
38	06-38	拉簧连接架 Tension spring connecting line	1	0
39	06-39	压料支架内罩 Presser shaft outter cover	1	1
40	06-40	压料支架外罩 Presser shaft inner cover	1	1

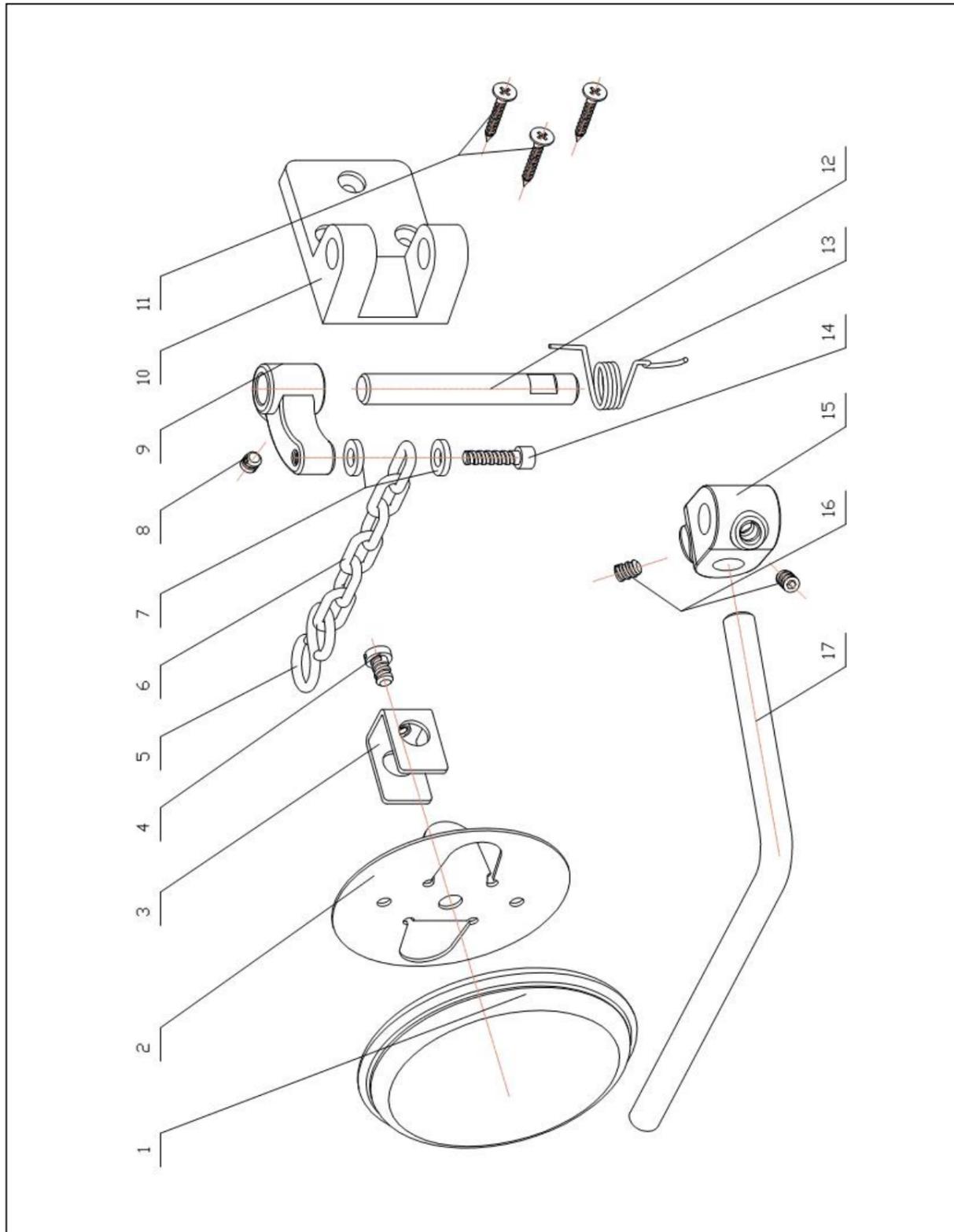
7. 润滑部件 Lubrication Part Components



7. 润滑部件 Lubrication Part Components

No	代号 Parts No.	名 称 Description		数量 Q' ty	
				800-1	800-2
1	07-1	齿轮	Gear	1	1
2	07-2	紧定螺钉	Set Screw M5X8	2	2
3	07-3	打油螺杆	Driving oil screw	1	1
4	07-4	套管	Core tube	1	1
5	07-5	打油座	Driving oil seat	1	1
6	07-6	管接头	Coupler	1	1
7	07-7	油管	Oil pipe	1	1
8	07-8	内六角圆柱头螺钉	Hex socket cylindrical head screw M8X20	1	1
9	07-9	隔环凸缘	Dummy ring flange	1	1
10	07-10	隔环	Dummy ring	1	1
11	07-11	油网	Oil net	1	1

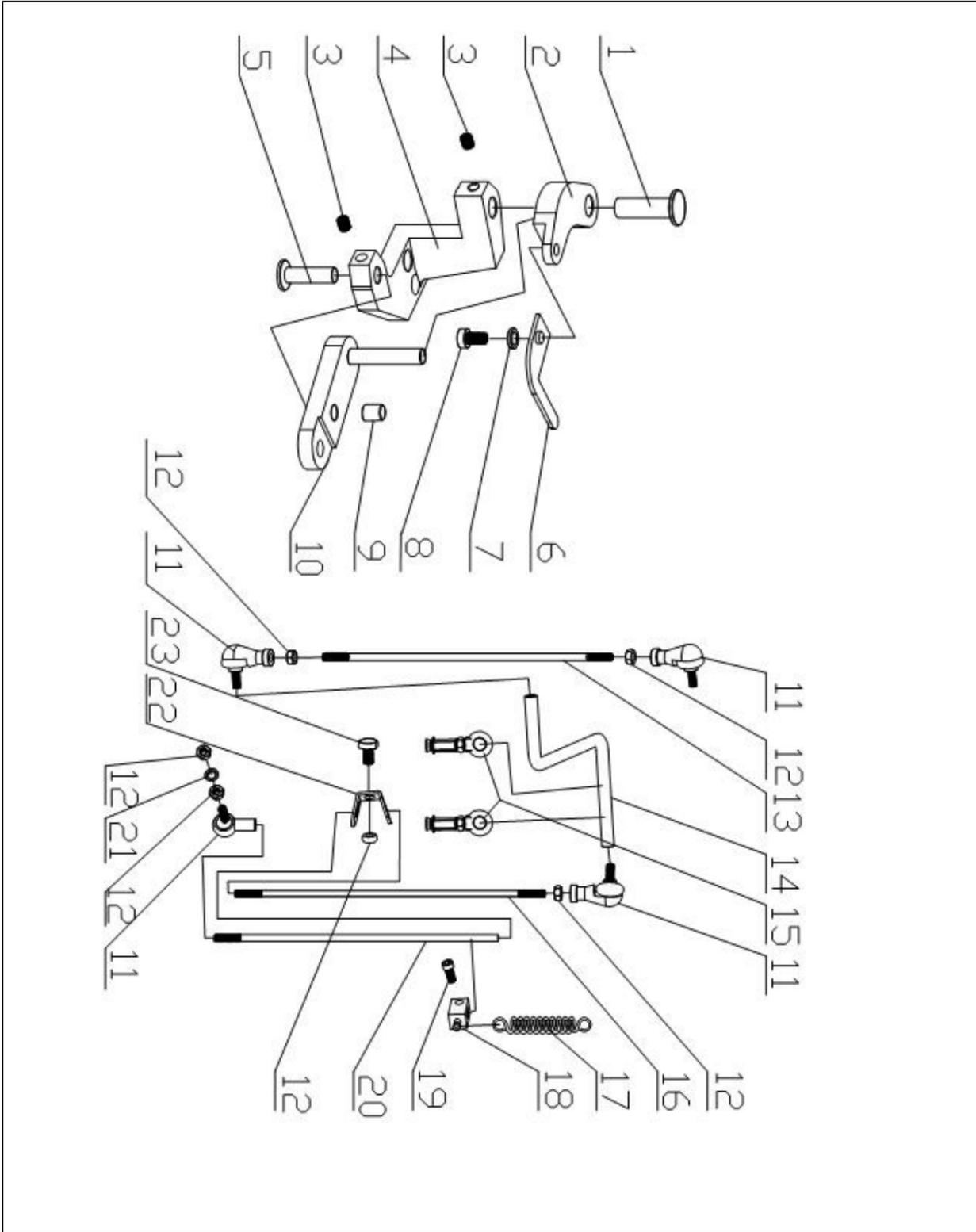
8.膝控部件 Knee Control Part Components



8. 膝控部件 Knee Control Part Components

NO	代号 Parts No.	名称 Description		数量 Q' ty	
				800-1	800-2
1	08-1	操控板垫	Knee press plate cover	1	1
2	08-2	操控板	Knee press plate	1	1
3	08-3	操控杆架	Bracket	1	1
4	08-4	操控杆螺钉	Screw M6X10	1	1
5	08-5	S 型钩针	S shaped hook	1	1
6	08-6	链条	Chain	1	1
7	08-7	垫圈	Washer	2	2
8	08-8	膝控曲柄紧定螺钉	Screw M6X10	1	1
9	08-9	膝控曲柄	Mounting crank	1	1
10	08-10	膝控座	Knee control seat	1	1
11	08-11	膝控座螺钉	Screw	3	3
12	08-12	膝控轴	Main shaft	1	1
13	08-13	钮弹	Spring	1	1
14	08-14	膝控曲柄连接螺钉	Screw N6X25	1	1
15	08-15	操纵杆接头	Knee lifter joint	1	1
16	08-16	操纵杆接头螺钉	Screw M8X14	2	2
17	08-17	操纵杆	Knee lifter rod	1	1

9.附件 Gathering Device



9.附件 Gathering Device

NO	代号 Parts No.	名称 Description	数量 Q'ty	
			800-1	800-2
1	09-1	传动杆销 Driving bar pin	1	1
2	09-2	传动杆 Driving bar	1	1
3	09-3	内六角圆柱头螺钉 Hex Socket cylindrical head screw	2	2
4	09-4	分料支架 Material support	1	1
5	09-5	传动板销 Driving plate pin	1	1
6	09-6	分料片 Feed plate	1	1
7	09-7	垫圈 Washer	1	1
8	09-8	内六角圆柱头螺钉 Hex Socket cylindrical head screw	1	1
9	09-9	传动板衬套 Driving plate bushing	1	1
10	09-10	传动板 Driving plate	1	1
11	09-11	球头杆端关节轴承 Ball head joint bearing	1	1
12	09-12	螺母 Nut	6	6
13	09-13	拉杆1 Bar1	1	1
14	09-14	开关杆 Switch bar	1	1
15	09-15	开关固定环 Switch fixed ring	2	2
16	09-16	拉杆2 Bar 2	1	1
17	09-17	拉簧 Tension spring	1	1
18	09-18	拉簧固定块 Tension spring fixed block	1	1
19	09-19	内六角圆柱头螺钉 Hex Socket cylindrical head screw	1	1
20	09-20	拉杆3 Bar 3	1	1
21	09-21	垫圈 Washer	1	1
22	09-22	拉杆接头 Bar joint	1	1
23	09-23	外六角螺钉 Screw	1	1