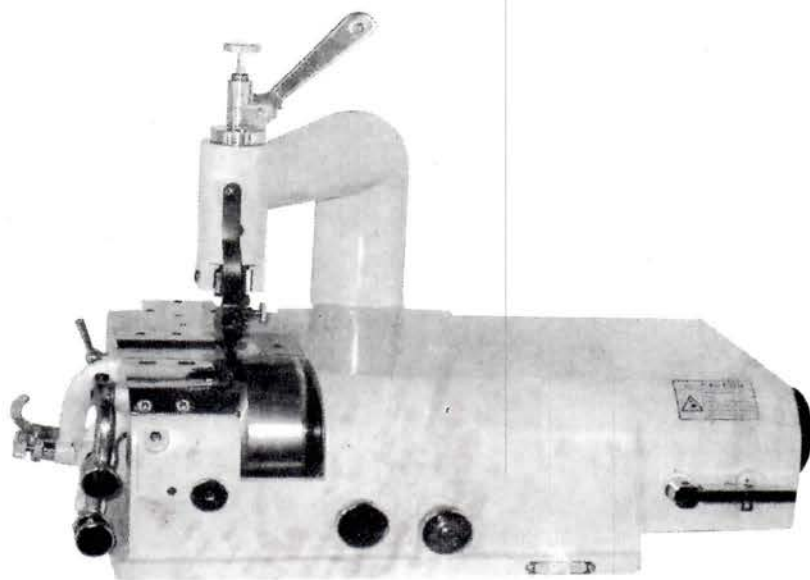


SEWING MACHINE

801

**圆刀削皮机
使用说明书**

**LEATHER SKIVING MACHINE
OPERATION MANUAL**



（一）机器特点及用途

TK801型圆刀削皮机，又称剥皮机、剥帮机、具有削边、全表面削等功能、适用于鞋帽、皮包、服装、皮带、手套及运动器具等各类的皮革、塑料布、合成皮革、毡呢、橡皮等的削边、前簿，该机器是上述各类制品加工过程中必要设备之一。

TK801圆刀削皮机，具有性能稳定，操作方便、生产效率高和使用寿命长等优点。

（二）主要技术规格

主轴(圆刀)转速	3000-3500
能削宽度	4-50 毫米
机头外型尺寸	580X390X410毫米
机头净重	40公斤
电动机功率	370瓦
采用圆刀	$\phi 117 \times 54 \times \phi 34.1$ 毫米

（三）使用前的准备工作

1、安装

该机机头、机架和电器等分别装箱的，因此首先应将机架组装，然后将电机安装在机架中档的长孔处，用螺钉连接，再放上台板和机头，并对好位置，然后紧固各螺钉、螺母。

2、清洗油污

机器在装箱前为了防止机件生锈，涂有防锈油脂，装箱后可能会由较长时间的贮藏和长途运输，造成油脂硬化或灰尘聚积，为此，开箱后必须将机件表面的防锈油脂用汽油和洁净的软布擦洗干净。

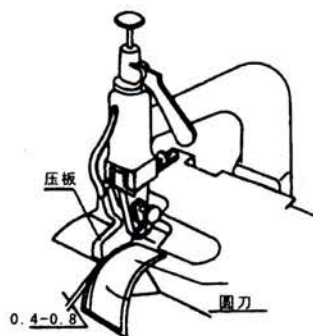
3、机器检查

机器在运输中可能受到强烈振动，而使机件松动或移位，所以在清洗油污后，应作一次周密的检查，用手转动主轴的皮带轮，观察送料砂轮和磨刀砂轮有否与圆刀刀口相碰擦，若有则应按本说明书的有关方法予以调整使送料砂轮和磨刀砂轮与圆刀刀口有一定的间隙。

4、注油试车

机器运转前对各处油孔和磨擦部位加注机油后，开车数分钟予以试车，主轴皮带轮的运转方向应为顺时针方向（从操作者右面视）。

（四）使用调整方法



图一（圆刀刀口与压板侧面间隙图）



图二（圆刀轴向调节图）



图三（修磨圆刀图）

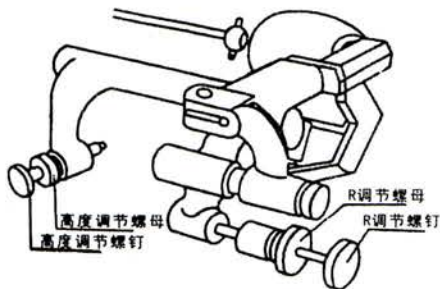
1、圆刀位置的调试

圆刀刃口与压脚侧面应保持一定的间隙，这个间隙是保证削皮质量的一个重要因素，一般宜控制在0.4~0.8毫米（见图1）。圆刀经切削刃口变钝，需要修磨，经多次或一定时间的修磨后，圆刀刃口与压脚侧面和送料砂轮的位置都会变化，这就需要调节圆刀的轴向位置予以弥补。

TK801型的圆刀调节采用精密的蜗轮杆结构，通过圆刀调节手柄的转动可对圆刀作微量调节，手柄顺时针方向旋转，圆刀刃口与压脚侧面间隙大，手柄逆时针方向旋转，圆刀刃口与压脚侧面间隙小（见图二）。

2、修磨圆刀的方法

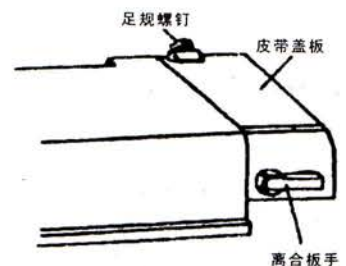
机器在正常使用时，将离合器操纵手柄顺时针方向旋转，磨刀砂轮作旋转，（见图三）对圆



图四（送料轮调节图）



图五（压板高度调节图）



图六（削速调节图）

刀刃口作修磨，修磨刀刃时，将平砂砂轮调节螺杆逆时针方向旋转，磨刀砂轮靠拢圆刀刃口即进行修磨，调节螺杆顺时针方向旋转，磨刀砂轮离开圆刀刃口，即停止修磨（见图3），在修磨圆刀刃口时，磨刀砂轮应缓慢地进行，以免砂轮突然撞击刀刃，引起损坏砂轮或刀刃，甚至出现安全事故。修磨完成后，将离合器操纵手柄逆时针方向旋转，磨刀砂轮停止转动。

3、送料砂轮圆弧的高度及中心的调节

送料轮的主要功能是送料，另一功能是磨削圆刀内径毛刺，送料轮的R中心应与圆刀R中心相吻合，这样对送料及磨削圆刀内径都理想，如不在一个中心线上，应将R中心进行调整，调整的方法：扭松送料轮R调节螺母，旋动送料轮R调节螺杆，如圆刀内径与送料轮的右侧间隙大，则将R调节螺杆按逆时针方向旋动，反之，将R调节螺杆按顺时针方向旋动，直至送料轮与圆刀内径的二侧间隙一致为止，最后扭紧R调节螺母。

送料轮外径与圆刀内径应相擦，二者之间的隙过大，会产生送料不爽和削切质量不佳，如二者过盈太大会将圆刀磨坏。送料轮高度的调节方法，扭松送料轮高度调节螺母，旋动送料轮高度调节螺杆，按顺时针方向旋动能使送料轮抬高，反之，按逆时针方向旋动则送料轮降低，调节二者相擦时，扭紧高度调节螺母（见图四）

4、压板高度及角度的调节

（1）压板高度的调节

当进行厚革削皮或削皮量减少时，均需要压板升高，反之，削薄革或增加削皮量时，均需将压板放低，压板高度是通过压轴调节螺钉来调节的，顺时针方向旋转，压板就降低，反之，则升高（见图五）

（2）压板角度的调节

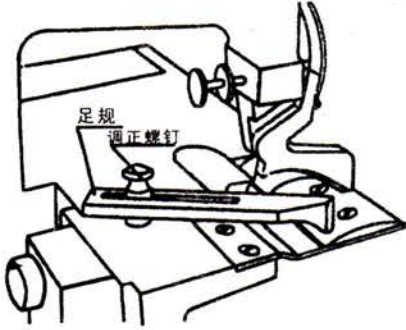
当进行削边宽度大时，压板与圆刀的角度宜小，反之，压板与圆刀的角度宜大，调整压板

角度先扭松压板角度调整螺母，旋动角度调节螺钉，按顺时针方向旋动，压板与圆刀的角度变大，反之变小，调节至需要的角度后，扭紧调整螺母（见图五）

5、足规的调节

足规主要起削皮宽度限位作用，需要的削皮宽度角度小时，足规板向操作者方向移动，反之，向另一方向移动，足规位置的调节，是由调整螺钉完成的（见图七）

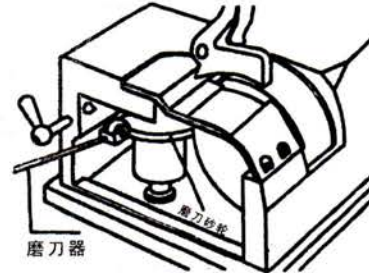
6、削皮速度的调节及平型带三角带调换以及平砂轮对圆刀修磨方法



图七（足规调节图）



图八（送料轮修磨图）



图九（磨刀砂轮修磨图）

拧松足规紧定螺钉，卸掉皮带轮盖，然后，将横轴变速皮带拨入不同的槽中，便可改变削皮的速度（见图六）

拧松足规紧定螺钉，卸掉皮带轮盖，然后便可更换薄形皮带（见图六）

向下扳动离合握把，磨刀砂轮旋转开始对圆刀进行修磨，向下扳动离合握把，磨刀砂轮停止工作。

五、修磨砂轮的方法

1、送料砂轮的修磨方法

送料砂轮经长期送料，各种削料的尘污物粘嵌在送料轮表面，削弱送料磨擦力，致使送料不爽，为恢复正常送料，必须用砂轮修磨器对送料砂轮表面进行修磨，修磨前，拆下送料滑板，让送料轮外露，然后开车，用砂轮修磨器对准送料砂轮，齿片跟着送料轮旋转并作左右移动，直至送料砂轮表面产生锋利为止。（见图九）

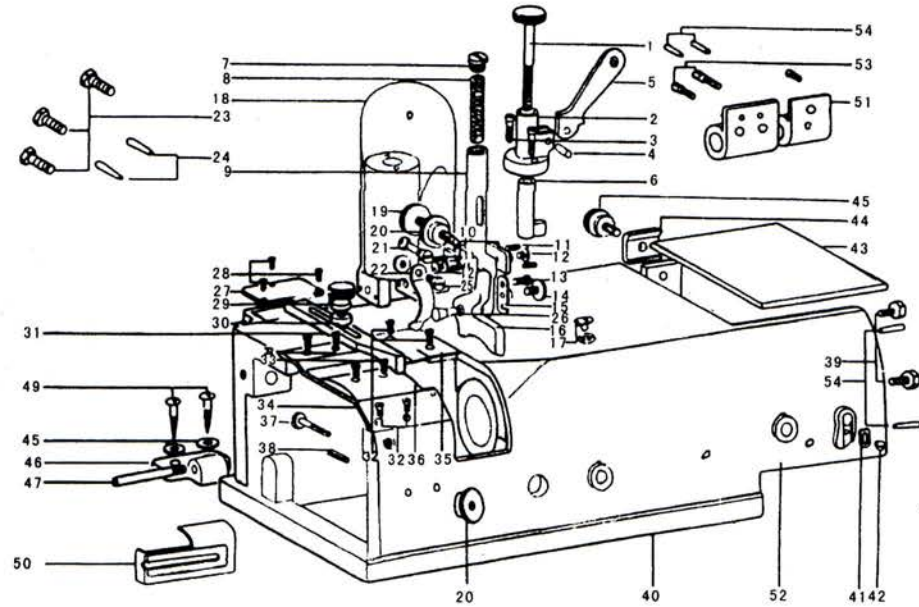
2、磨刀砂轮的修磨方法

磨刀砂轮经过多次对圆刀口的修磨，金属及砂轮的磨屑粘嵌在磨刀砂轮的表面，从而削弱了磨刀的速度及质量，故而必须用砂轮修磨器对磨刀砂轮的表面进行修磨。

六、附件

- 1、零件盒
- 2、磨刀器
- 3、刀轴板手
- 4、砂轮螺母板手
- 5、刀罩拆卸器
- 6、油壶（盛油）
- 7、开刀
- 8、压板一个

1、压脚及外装件部件

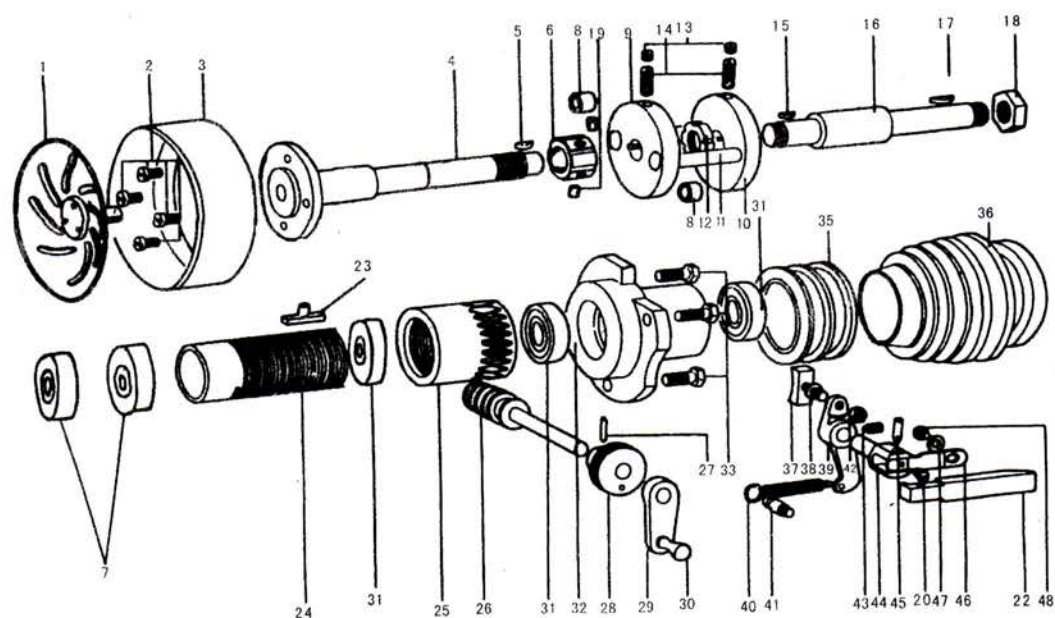


图一

序号	图 号	名 称	数 量
1	801-1-1	压轴调节螺钉	1
2	801-1-2	板手支架	1
3	801-1-3	开槽圆柱头螺钉	2
4	801-1-4	合销	1
5	801-1-5	扳手	1
6	801-1-6	推轴	1
7	801-1-7	弹簧塞	1
8	801-1-8	压轴弹簧	1
9	801-1-9	压轴	1
10	801-1-10	侧压板	2
11	801-1-11	开槽平端紧定螺钉	4
12	801-1-12	圆头螺钉	2
13	801-1-13	圆柱头螺钉	1
14	801-1-14	圆头螺钉	1
15	801-1-15	固定板	1
16	801-1-16	压板A、B、C	1
17	801-1-17	油盖	1
18	801-1-18	机壳	1
19	801-1-19	调整螺钉	2
20	801-1-20	调整螺母	2
21	801-1-21	螺钉合销	1
22	801-1-22	弹簧片	1
23	801-1-23	机壳定位螺钉	3
24	801-1-24	机壳定位销	2
25	801-1-25	弹簧片螺钉	1
26	801-1-26	压板销	1
27	801-1-27	蜗轮箱盖	1

序号	图 号	名 称	数 量
28	801-1-28	沉头螺钉	3
29	801-1-29	调整螺钉	1
30	801-1-30	垫片	1
31	801-1-31	足规	1
32	801-1-32	护板螺钉	6
33	801-1-33	滑板螺钉	3
34	801-1-34	圆盘刀大护板	1
35	801-1-35	圆盘刀小护板	1
36	801-1-36	滑板	1
37	801-1-37	圆顶螺钉	1
38	801-1-38	弹簧销	1
39	801-1-39	带槽六角螺钉	2
40	801-1-40	底座	1
41	801-1-41	离合器握把挡片	1
42	801-1-42	圆柱头螺钉	1
43	801-1-43	皮带轮盖	1
44	801-1-44	皮带轮盖垫片	1
45	801-1-45	调整螺钉	1
46	801-1-46	铰链	2
47	801-1-47	铰链轴	2
48	801-1-48	垫圈	4
49	801-1-49	木螺钉	4
50	801-1-50	输送板	1
51	801-1-51	传动轴座	1
52	801-1-52	基台板	1
53	801-1-53	内六角螺钉	5
54	801-1-54	锥销	2

2、刀轴系统



图二

序号	图 号	名 称	数量
1	801-2-1	刀 盖	1
2	801-2-2	圆刀紧定螺钉	4
3	801-2-3	圆刀	1
4	801-2-4	刀 轴	1
5	801-2-5	半圆键	1
6	801-2-6	刀轴螺帽	1
7	801-2-7	6004#轴承	2
8	801-2-8	全胶管	2
9	801-2-9	左缓冲器	1
10	801-2-10	右缓冲器	1
11	801-2-11	缓冲器销	2
12	801-2-12	皮带轴螺帽	1
13	801-2-13	平端紧定螺钉	2
14	801-2-14	平端紧定螺钉	2
15	801-2-15	半圆键	1
16	801-2-16	皮带轴	1
17	801-2-17	半圆键	1
18	801-2-18	螺帽	1
19	801-2-19	刀轴螺帽螺钉	2
20	801-2-20	握把弹片螺钉	1
22	801-2-22	离合器握把	1
23	801-2-23	方牙管键	1
24	801-2-24	方牙管	1

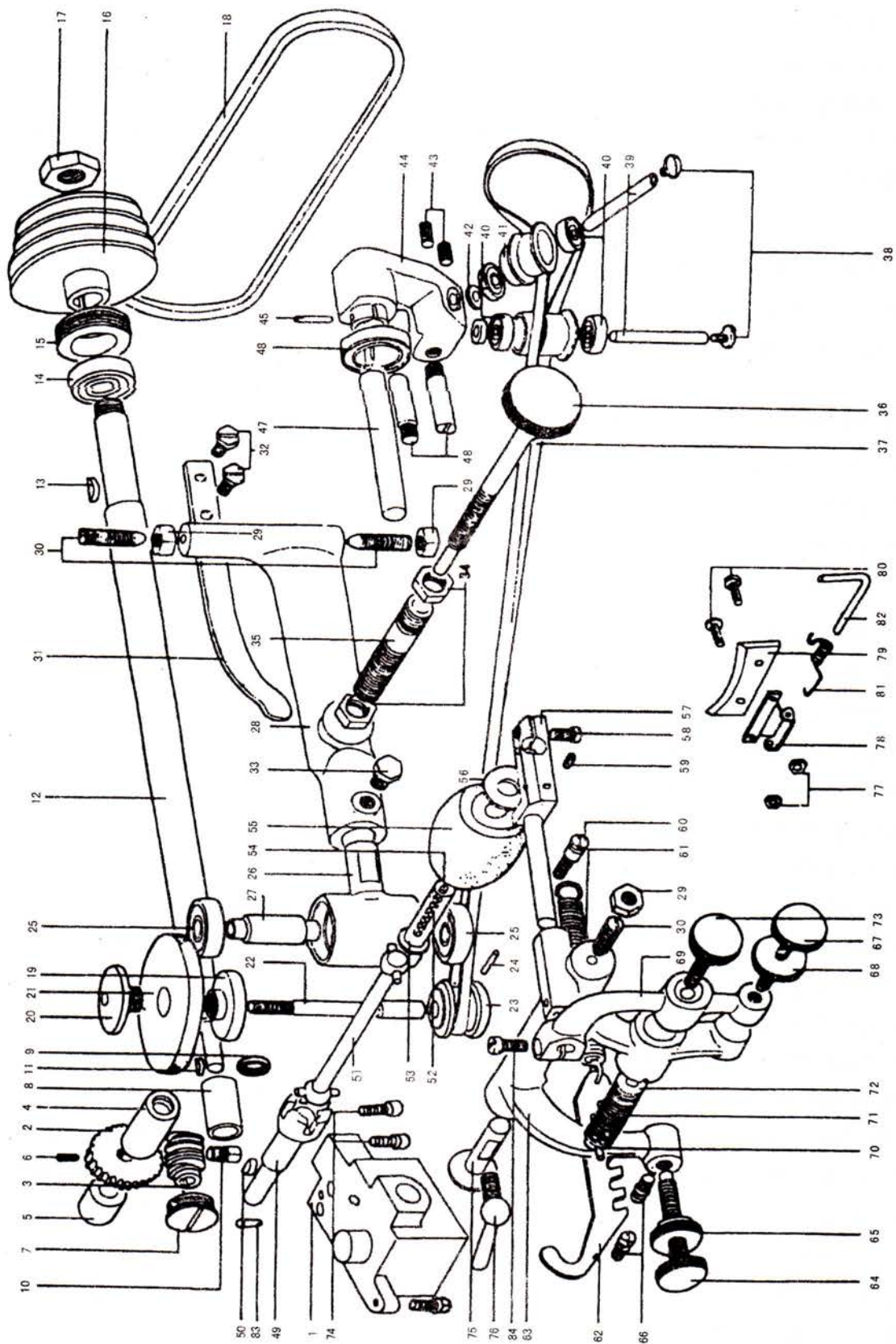
序号	图 号	名 称	数量
25	801-2-25	刀轴蜗轮	
26	801-2-26	蜗杆	
27	801-2-27	内六角无头螺钉	1
28	801-2-28	刀轴调节环	1
29	801-2-29	连杆	1
30	801-2-30	握把	1
31	801-2-31	6203#轴承	3
32	801-2-32	皮带轴承座	1
33	801-2-33	轴承座螺钉	3
35	801-2-35	离合器	1
36	801-2-36	皮带轮	1
37	801-2-37	导板	1
38	801-2-38	导板销	1
39	801-2-39	摇臂	1
40	801-2-40	离合器弹簧	1
41	801-2-41	弹簧挂销	1
42	801-2-42	六角螺帽	1
43	801-2-43	销定螺钉	1
44	801-2-44	离合器握把轴	1
45	801-2-45	离合器握把定销	1
46	801-2-46	离合器握把弹簧	1
47	801-2-47	垫圈	1
48	801-2-48	圆柱头螺钉	1

3、传动送料系统

序号	图 号	名 称	数量
1	801-3-1	蜗轮箱	1
2	801-3-2	小蜗轮	1
3	801-3-3	双头蜗杆	1
4	801-3-4	铜套	1
5	801-3-5	铜套	1
6	801-3-6	无头有槽螺钉	1
7	801-3-7	蜗轮箱塞头	1
8	801-3-8	铜套	1
9	801-3-9	圆头螺钉	1
10	801-3-10	瓦斯塞头	1
11	801-3-11	半元键	1
12	801-3-12	横轴	1
13	801-3-13	半元键	1
14	801-3-14	6002#轴承	1
15	801-3-15	横轴轴承塞头	1
16	801-3-16	横轴皮带轮	1
17	801-3-17	横轴螺母	1
18	801-3-18	横轴变速皮带	1
19	801-3-19	砂轮压板 (1)	1
20	801-3-20	砂轮压板 (2)	1
21	801-3-21	砂轮	1
22	801-3-22	砂轮轴	1
23	801-3-23	平皮带轮	1
24	801-3-24	弹簧销	2
25	801-3-25	6002#轴承	2
26	801-3-26	轴承托架	1
27	801-3-27	砂轮轴承轴	1
28	801-3-28	轴承托架臂	1
29	801-3-29	螺母	3
30	801-3-30	调节螺钉	3
31	801-3-31	托架臂弹簧片	1
32	801-3-32	弹螺片螺钉	2
33	801-3-33	轴承托架销紧螺钉	1
34	801-3-34	螺牙管螺母	2
35	801-3-35	螺牙管	1
36	801-3-36	砂轮调节螺钉	1
37	801-3-37	薄形皮带	1
38	801-3-38	弹性圆柱销	2
39	801-3-39	过桥皮带轮轴	2
40	801-3-40	626#轴承	4
41	801-3-41	过桥平皮轮	2
42	801-3-42	垫片	2

序号	图 号	名 称	数量
43	801-3-43	销紧螺钉	3
44	801-3-44	过桥皮带轮座	1
45	801-3-45	弹性圆柱销	1
46	801-3-46	卷簧	1
47	801-3-47	过桥皮带轮座轴	1
48	801-3-48	挡销	2
49	801-3-49	送料轮传动轴	1
50	801-3-50	半元轴	1
51	801-3-51	连接杆	1
52	801-3-52	油线	1
53	801-3-53	送料轮轴	1
54	801-3-54	油塞	1
55	801-3-55	送料轮	1
56	801-3-56	垫片	1
57	801-3-57	送料轮架	1
58	801-3-58	螺钉	1
59	801-3-59	六角螺钉	1
60	801-3-60	弹簧挂销	1
61	801-3-61	送料轮托架弹簧	1
62	801-3-62	弹簧挂钩	1
63	801-3-63	回转架	1
64	801-3-64	调正螺母	1
65	801-3-65	调正螺钉	1
66	801-3-66	弹簧挂销	2
67	801-1-19	调正螺钉	1
68	801-1-20	调正螺母	1
69	801-3-69	回转臂	1
70	801-3-70	回转臂弹簧挂销	1
71	801-3-71	回转臂弹簧	1
72	801-3-72	回转架弹簧螺母	2
73	801-3-73	回转架弹簧螺钉	1
74	801-1-53	蜗轮箱紧定螺钉	3
75	801-3-75	回转架固定销	1
76	801-3-76	回转架固紧螺栓	1
77	801-3-77	螺母	2
78	801-3-78	切屑去除板	1
79	801-3-79	牛皮	1
80	801-3-80	紧定螺钉	2
81	801-3-81	切屑去除板簧	1
82	801-3-82	切屑去除板轴	1
83	801-3-83	螺轮固定销	1
84	801-3-84	圆头螺钉	1

3、传动送料系统

三
圖

I. Features and uses of the machine

This Leather Skiving Machine with circular knife is suitable for edge-skiving and whole surface skiving of any kind of leather as well as plastic cloth, synthetic leather, felted wool And rubber for shoes, caps, bags, garments, belts, gloves and sports goods etc, it's one of the necessary equipments which make above goods.

The machine has features of stable performance, easy operation, high productivity and long life etc.

II. Main Technical Specifications.

Rotating speed of main shaft (circular knife)	3000-3500
Skiving width	4-50mm
Size of the machine head	580 × 390 × 410mm
Net weight of the machine head	40kgs
Motor power	370W
Size of circular knife	φ117 × 54 × φ34.1

III. To prepare for using

1. Assembling

The machine head, frame and motor etc. Are packed separately. First assemble the frame, then set the motor at the. Logn hole of the frame beam, and fix it with screw. Then place the table and machine head and align their position. Tighten all screws and nust.

2. Cleaning grease dirt.

The machine is coated with anti-rust grease to prevent it from rusting before packing. But it may be through long time storage and long way transport, the grease may become hardened or dust may accumulate on it. The grease on the surface of the machine must be cleaned with gasoline and clean soft cloth after unpacking.

3. Checking the machining.

The machine may get strong shaking in the transport leading to the loosening or shifting of its parts, Check the machine completely after cleaning if. Turn the belt pulley of the main shaft with hand and observe whether the feeding wheel and grinding wheel impact the edge of the circular knife or not. If there is any impact, adjust the machine according to the method of this instruction book, make the feeding wheel and grinding wheel keep a clearance with the edge of the knife.

4. Filling oil and testing

Before starting the machine, fill oil at oil holes and moving parts, let the machine run a few minutes for testing. The belt pulley of the main shaft should turn clockwise (observe from the right of the operator).

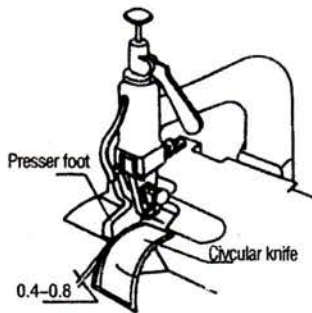


Figure 1



Figure 2



Figure 3

IV、 How to use and adjust the machine

1. To adjust the position of the circular knife.

The edge of the knife should keep a clearance about 0.4–0.8mm with the side of the presser foot. (Figure 1) This clearance is an important factor for assuring skiving quality. The edge of the knife will get dull through skiving, and need to regrind. After several times or long time regrinding, the relative position of the edge of the knife to the feeding grinding wheel and the side of presser foot will change, and can be made up by means of adjusting the axial position of the knife.

The circular knife adjustment consists of precise worm and worm wheel that can make micro Adjusting by means of turning the adjusting handle of the knife. Turn it clockwise to increase the clearance and turn it counterclockwise to decrease the clearance. (See figure 2)

2. To regrind the circular knife.

The grinding wheel of the knife rotates when the machine works normally, so the edge of the knife can be regrind continually. Also can regrind it after the edge of the knife gets dull. When turn the adjusting screw bar of the grinding wheel counter-clockwise, the grinding wheel closes to the edge of knife and does grinding; turn the the adjusting screw bar clockwise, the grinding wheel leaves the edge of the knife and stop grinding. (See Figure 3)

Caution: When grinding the edge of knife, the grinding wheel should advance slowly to prevet the grinding wheel from impacting the edge of the knife, leading to destroy the girnding wheel or the edge, even work accidents.

3. To adjust height and center of the feeding wheel arc.

The feeding wheel has two functions. The main one is feeding material, another grinding

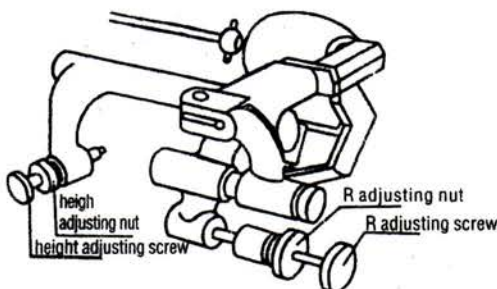


Figure 4

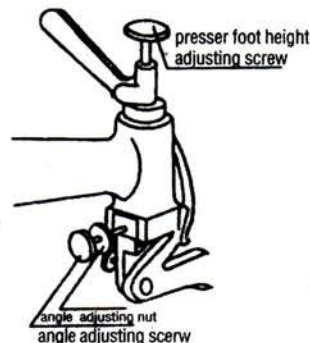


Figure 5

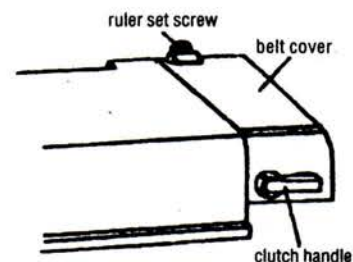


Figure 6

burrs of the inner side of the knife. The R center of the feeding wheel should be identical with the R center of the knife. This will do great good to the material and grinding the knife. The R centres should be adjusted if they are not on the same axis. The method is: loosen the R adjusting nut of feeding wheel, turn the R adjusting screw bar of feeding wheel when the clearance is big between the inner diameter of the knife and the right side of feeding wheel. Turn the adjusted by means of loosening the adjusting nut, and turning the adjusting screw bar clockwise, on the contrary side, turn the adjusting screw bar counter-clockwise until the clearance is consistent between the feeding wheel R and both sides of the inner diameter of the knife. Then retighten the adjusting nut R.

The outer diameter of the feeding wheel should connect the inner diameter of the knife. The big clearance between them will cause unsmooth feeding and poor quality skiving. The over interference will destroy the knife. The height of the feeding wheel is adjusting screw bar, turn clockwise to increase the height, turn counter-clockwise to decrease the height, and tighten the height adjusting nut to adjust their connect. (Figure 4)

4. To adjust the height and angle of the presser foot.

(a). To adjust the height of the presser foot.

To do heavy leather skiving or small volume skiving, it is to increase the height of the presser foot. And to do light leather skiving or big volume skiving, it is to decrease the height of the presser foot. The height of the presser foot is adjusted by means of adjusting the presser foot adjusting screw bar. Turn it clockwise to decrease the height, turn it counterclockwise to increase the height.

(b). To adjust the angle of the presser foot.

To do big width and small angle edge skiving, the angle between the presser foot and the circular knife should be small. Under the contrary conditions. The angle should be big. The height of the angle is adjusted by means of loosening the angle-adjusting nut of the presser foot and turning the angle adjusting screw bar. Turn it clockwise to increase the angle. And turn it counter-clockwise to decrease the angle. After the required angle is adjusted, retighten the adjusting nut. (See Figure 5)

5. To adjust the blocking board.

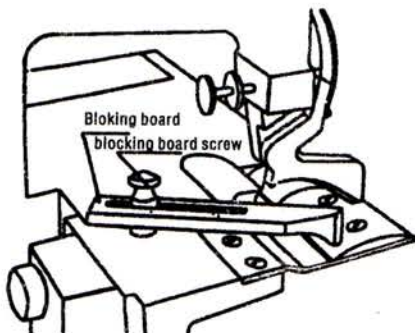


Figure 7

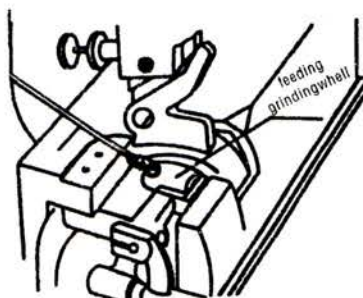


Figure 8

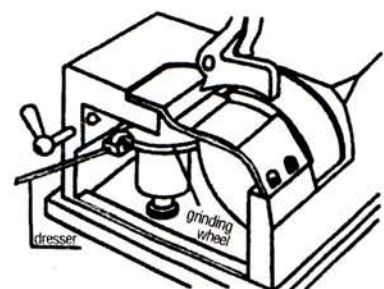


Figure 9

The blocking board takes a role of limiting the width of skiving. Move it to the operator to decrease the width of skiving, under the contrary conditions, move it to another direction. The position of the blocking board is adjusted by the screw. (See Figure 7)

6.To adjust skiving speed.

The leather skiving machine with the circular knife has two or three speeds to choose depending on the operator skill and the skiving material. To adjust the speed, first open or take away belt cover, slide the belt into the required skiving speed with screw driver, right side is low speed and left is high speed. (See Figure 6)

V. To dress the grinding wheel.

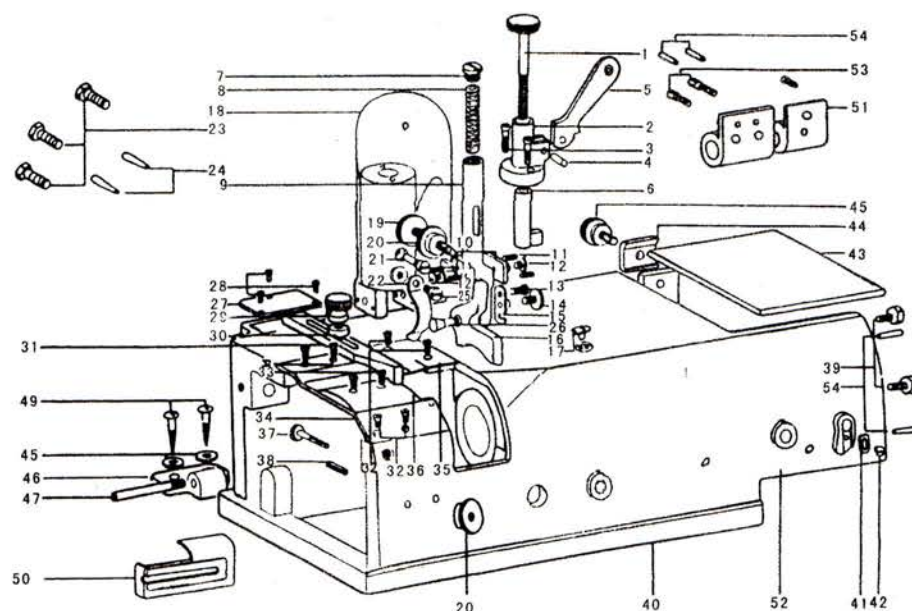
1 .To dress the feeding grinding wheel.

After long time use, various kinds of the skiving chips are stuck on the surface of the feeding wheel, weaken feeding friction force, lead to unsomooth feeding. To resume normal feeding, the surface of the feeding wheel must be dressed with grinding wheel dresser. First remove the feeding sliding plate to let the feeding wheel lie bare, switch on the machine, aim the dresser at the feeding wheel. The teeth of the dresser rotate with feeding wheel and move left and right. Until the surface of the feeding wheel become sharp. (See Figure 9)

2.To dress the grinding wheel

After regrinding the edge of the knife several times, grinding chips of metal and the grinding wheel are stuck on its surface, weaken grinding speed and quality. So its surface must be dressed with the grinding wheel dresser.

1. PRESSER FOOT AND OUTER ATTACHMENTS

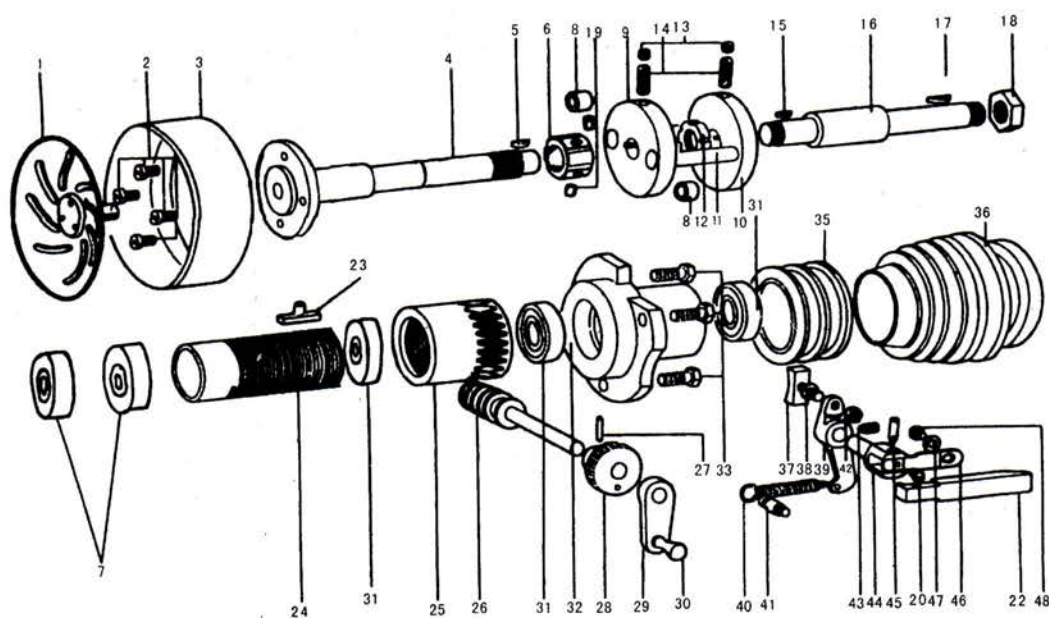


图一

Item	Part No.	Description	Qty
1	801-1-1	Presser bar adjusting screw	1
2	801-1-2	Press bar lifter bracket	1
3	801-1-3	Presser bar lifter rbracket screws	2
4	801-1-4	Press bar lifer pin	1
5	801-1-5	Presser bar lifter	1
6	801-1-6	Presser bar lifter lever	1
7	801-1-7	Presser bar cover screw	1
8	801-1-8	Presser bar spring	1
9	801-1-9	Presser bar	1
10	801-1-10	Presser foot side plates	2
11	801-1-11	Presser footside platesadjusting screw	4
12	801-1-12	Presser footside plate screw	1
13	801-1-13	Prsser foot shaft hook metal hing screw	1
14	801-1-14	Prsser foot shaft hook metal set screw	1
15	801-1-15	Prsser foot shaft hook metal	1
16	801-1-16	Presser foot	1
17	801-1-17	Oil cap	1
18	801-1-18	Arm	1
19	801-1-19	Presser foot adjusting screw	1
20	801-1-20	Presser foot adjustable screw nuts	2
21	801-1-21	Presser bar spring pin	1
22	801-1-22	Presser foot spring	1
23	801-1-23	Inner heaxagon screw	1
24	801-1-24	Tape pin	1
25	801-1-25	Presser foot spring screw	1
26	801-1-26	Presser foot shaft	1
27	801-1-27	Worm chamber plate	1

Item	Part No.	Description	Qty
28	801-1-28	Flat screw	
29	801-1-29	Ruler set screw	1
30	801-1-30	Ruler set screw washer	
31	801-1-31	Ruler	
32	801-1-32	Slide plate screws	6
33	801-1-33	Slide plate screws	2
34	801-1-34	Slide plate A	1
35	801-1-35	Slide plate B	1
36	801-1-36	Slide plate C	1
37	801-1-37	Waste feeder screw	1
38	801-1-38	Waste feeder stop pin	1
39	801-1-39	Hexagon slotted screw(base plate)	2
40	801-1-40	Bed	1
41	801-1-41	Belt cover plate	1
42	801-1-42	Belt cover plate screw	1
43	801-1-43	Belt cover lid	1
44	801-1-44	Belt cover lid spopper	1
45	801-1-45	Ruler set screws	1
46	801-1-46	Hinges	1
47	801-1-47	Hinges pins	2
48	801-1-48	Hinge set screw washers	2
49	801-1-49	Hinge set screws	4
50	801-1-50	Waste feeder metals(set)	4
51	801-1-51	Transnission shaft	1
52	801-1-52	Base plate	1
53	801-1-53	Set screw(transmission shaft)	2
54	801-1-53	Tape pin	4

2. KNIFE AND RELATED PARTS



图二

Item	Part No.	Description	Qty
1	801-2-1	Leather peeler cover	1
2	801-2-2	Knife ste screws	4
3	801-2-3	Knife	1
4	801-2-4	Knife shafe	1
5	801-2-5	Knife shafe key	1
6	801-2-6	Knife shaft nuts	2
7	801-2-7	Bearing	1
8	801-2-8	Rubber bushings	2
9	801-2-9	Pulley shaft flange holder	1
10	801-2-10	Pulley shaft flange	1
11	801-2-11	Flange shafts	2
12	801-2-12	Pulley shaft flange nut	1
13	801-2-13	Pulley shaft flange screw(b)	2
14	801-2-14	Pulley shaft flange screw(a)	2
15	801-2-15	Pulley shaft dey(small)	1
16	801-2-16	Pulley shaft	1
17	801-2-17	Pulley shaft key(large)	1
18	801-2-18	Hexagonal nut(a)	1
19	801-2-19	Knife shaft keg screws	2
20	801-2-20	Cluch lever spring screw	1
22	801-2-22	Clutch lever	1
23	801-2-23	Knife shaft lead pipe dey	1
24	801-2-24	Knife shaft lead pipe	1

Item	Part No.	Description	Qty
25	801-2-25	Knife shaft worm wheel	
26	801-2-26	Knife shaft worm	
27	801-2-27	Tape pin	1
28	801-2-28	Knife adjusting knob	1
29	801-2-29	Knife adjusting handle	1
30	801-2-30	Knife adjusting handle knob	1
31	801-2-31	Pulley shaft bearings	3
32	801-2-32	Pulley shaft metal	1
33	801-2-33	Pulley shaft metal screws	1
35	801-2-35	Clutch	1
36	801-2-36	Pulley	1
37	801-2-37	Clutch side block	1
38	801-2-38	Clutch side block screw	1
39	801-2-39	Clutch arm	1
40	801-2-40	Clutch spring	1
41	801-2-41	Clutch spring hook	1
42	801-2-42	Clutch side block screw nut	1
43	801-2-43	Clutch lever screw	1
44	801-2-44	Clutch lever shaft	1
45	801-2-45	Clutch arm screw	1
46	801-2-46	Clutch arm spring	1
47	801-2-47	Clutch lever spring waser	1
48	801-2-48	Clutch lever spring hinge screw	1

