

# コンパクトプレス / 小型衬布粘合机 COMPACT PRESS



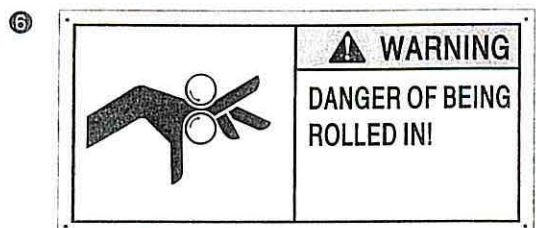
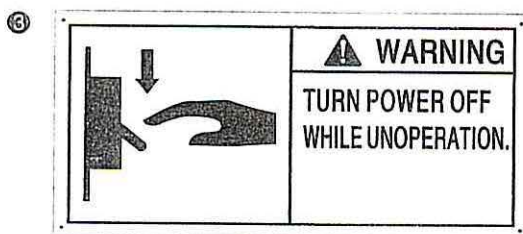
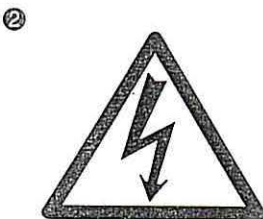
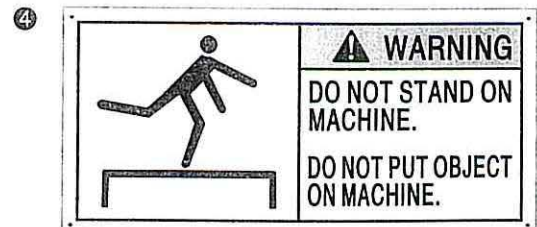
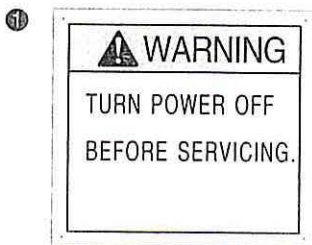
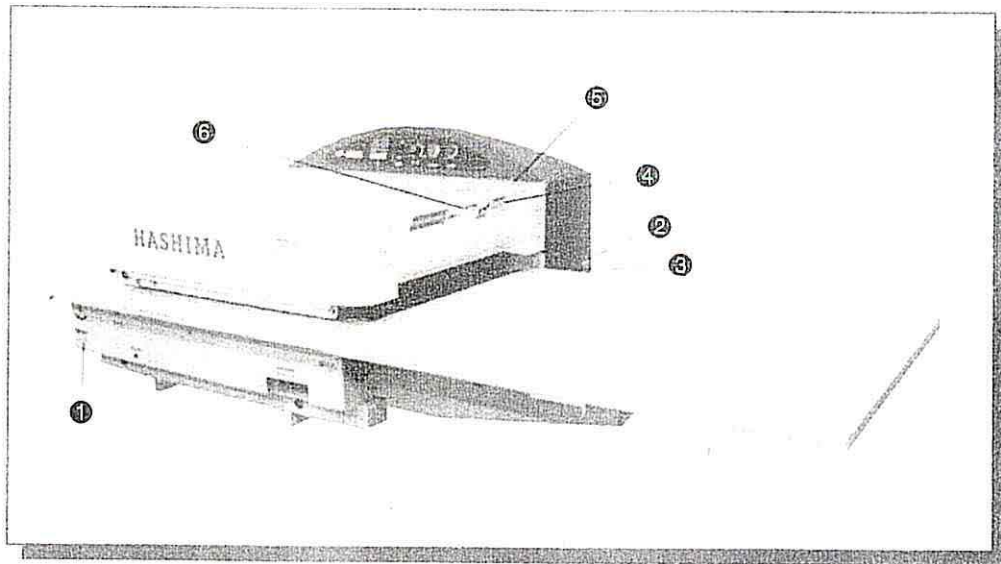
## 取扱説明書 / 使用说明书 INSTRUCTION MANUAL



羽島(昆山)産業機器有限公司  
HASHIMA (KUNSHAN) INDUSTRIAL EQUIPMENT CO.,LTD.

By putting "alarm label" onto every part of the machine, we rouse you to prevent the user and others from being hurt and proprieties from being damaged.

- Ensure the position and contents in regard to the "alarm label" prior to the use.
- Never remove nor reform the "alarm label"
- Put a new one as early as possible, when the old "alarm label" is hard to read or when it is come off.

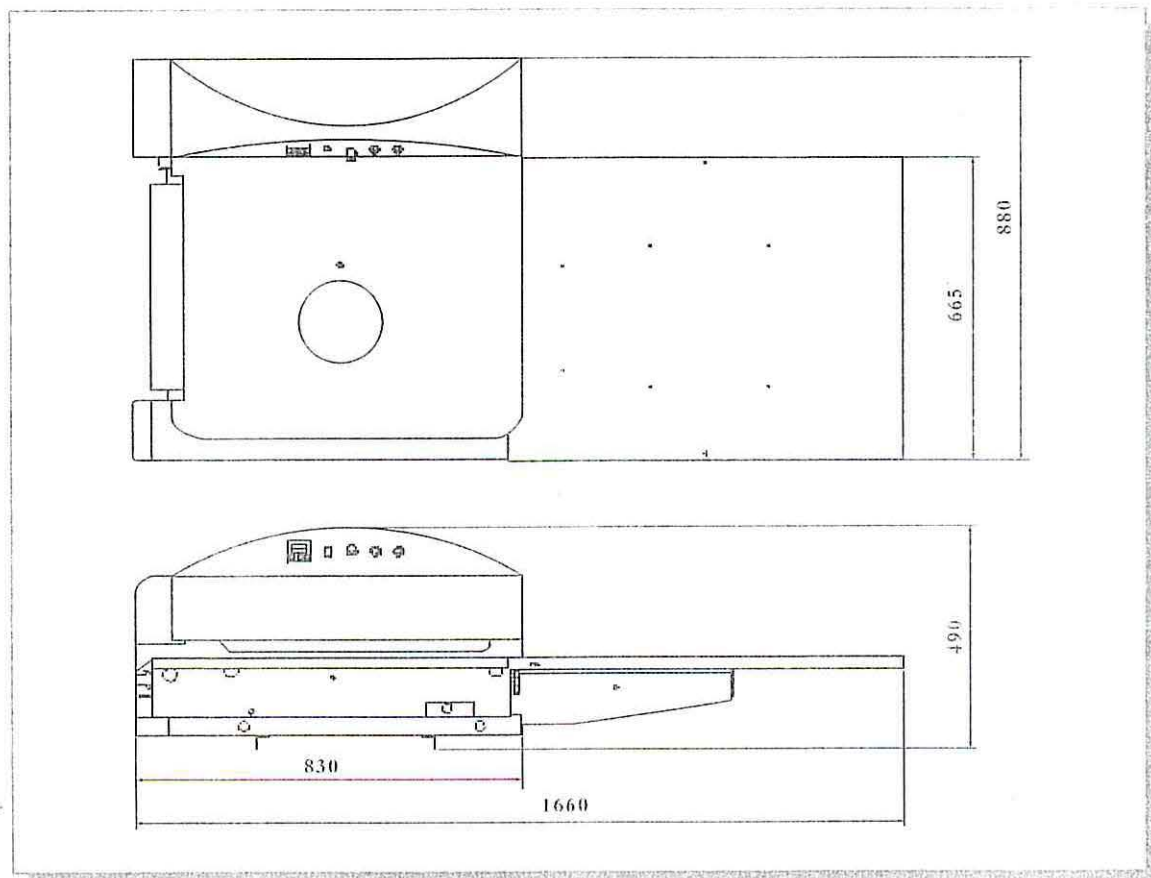


# INSTRUCTION MANUAL

## SPECIFICATIONS

|                  |        |            |
|------------------|--------|------------|
| MODEL            |        | HP-450M/MS |
| POWER SUPPLY     |        | 1P-220V    |
| RATED OUTPUT     | HEATER | 4.5kw      |
|                  | MOTOR  | 40w        |
| TEMPERATURE(MAX) |        | 195℃       |
| PRESSURE(MAX)    |        | 1.5kg/cm   |
| BELT SPEED(MAX)  |        | 8.7m/min   |
| HEATING TIME     |        | 5-20sec    |
| FUSING WIDTH     |        | 450mm      |
| DEMENTIONS       | W      | 1660mm     |
|                  | D      | 880mm      |
|                  | H      | 490mm      |
| WEIGHT           |        | 152kg      |

## DESIGN FEATURES

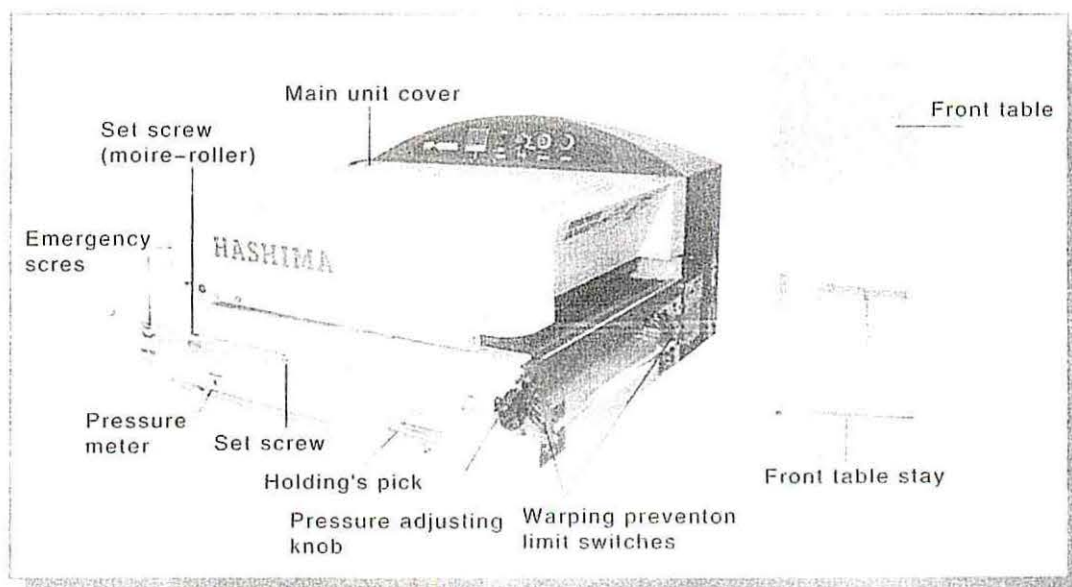


### Attention to be paid at the time of installation

- Install this machine, which weights 152kg, in regard to the 450M/MS respectively, on the robust foundation horizontally.
- Don't install this machine near the object easy to burn, as it generates high temperature when it has been put into use. Exclude, in addition, dusts and others stuck onto this machine periodically.
- Connect the machine to an exclusive power source corresponding with the ratio consumption power by referring to the specifications.
- Don't fail to the ground. By the way, it has no relations to the rotary direction of the belt.
- In the case where you change the power source plug or lengthen construction shop near by.
- When the machine has been brought in or when it has been transferred, don't fail to remove the main unit's cover, before ensuring that the upper and lower belt warping prevention limit switches place correctly the belt between them from both sides (Refer to next page).

### Attention to be paid at the time of using

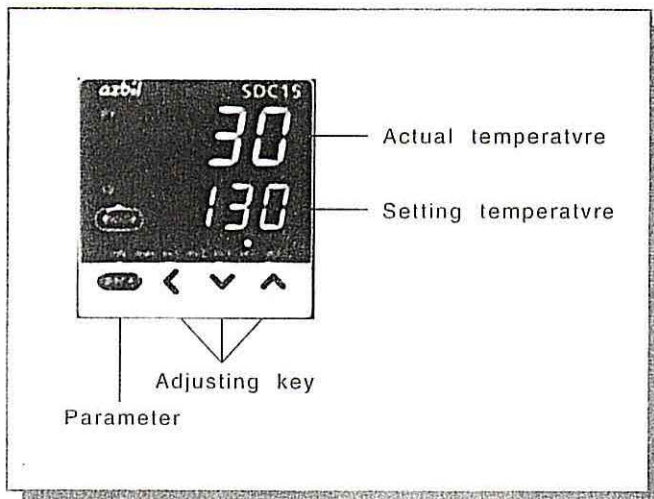
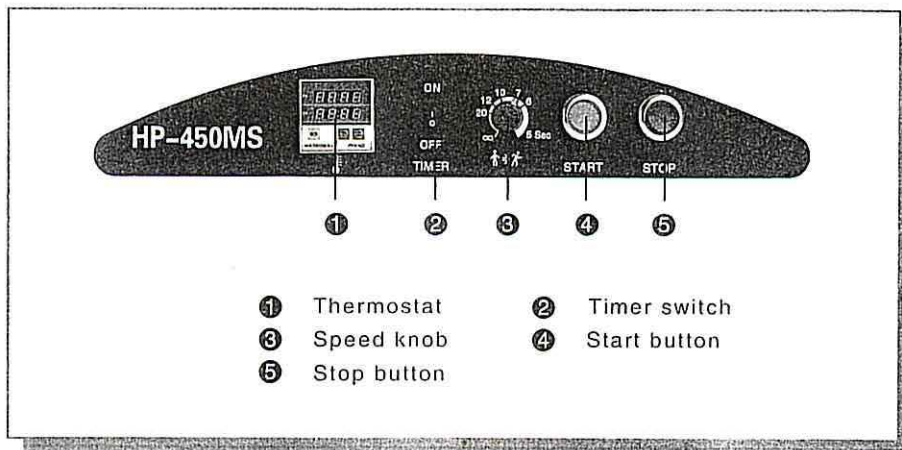
- Don't fail to read the User's Manual prior to the usage.
- Don't fail to remove the main unit's cover and ensure that the upper and lower warp prevention limit switches place correctly the belt between them from both sides, before connecting the power source(Refer to next page).
- Wipe off dusts using a dry floor mat, before inserting the material.
- Pay sufficient attention not to make contact with the belt and the upper cover whose temperature rises high nor mount things on them.
- Don't absolutely put your hands on to the roller inside the machine beyond the necessity at the time you insert the material for fear that they might be caught in.
- Don't any things to the main unit of the press except the materials to be inserted.
- Disconnect the power source breaker immediately and insert the manual handle (an accessory) to the emergency screw, then, turn it to the arrow marked direction in order to remove the unusual things before the operation, if they have been inserted.
- When the material, has twined rounded the strip off device at the exit of the material, don't fail to disconnect the power source breaker, before removing it.
- Don't fail to pull the power source plug off when you inspect the inside.
- This machine is an exclusive use for fusing and folding the clothes. Don't put it to use for other purposes, otherwise resulting in troubles.
- After the operation ensure that the machine has stopped completely, before disconnecting the power source breaker without fail.



## INSTRUCTION MANUAL

### Procedure of usage

- Set the power source to 'ON' (Ensure the 'off' condition of the timer switch).
- Press the start button. The lamp will light up and the machine will start moving.
- Set pressure to the designated by using the pressure adjust knob.
- Set the fusing time by using the speed controller. Use it within the limit between 5 and 20 seconds for the warp prevention.
- Set the setting temperature by using the thermostat. It takes about 15 minutes before you'll get the usable thermo-lamp will start blinking.
- Here, you are able to start the operation.

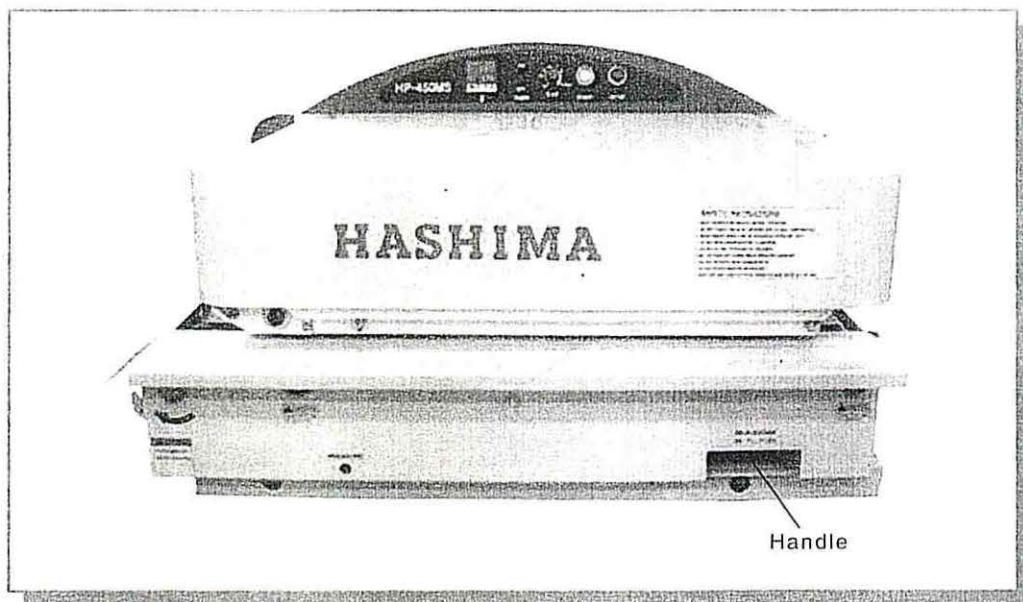


## At the time the operation is over.

- Set the pressure to 0(zero).
- Set the timer switch to 'ON'. The machine stop automatically and the surface temperature of the belt is below 90 degrees.
- When the machine has stopped, set the power source breaker to 'OFF'.

## The holding's adjustment

In the case where you want to strengthen the holding at the injecting entrance of the machine when you've put the inside belt scale, pocket folding and others to use, turn the holding's handle to the right. Set the holding's adjustment to 0(zero), when you try to fuse the interlining.

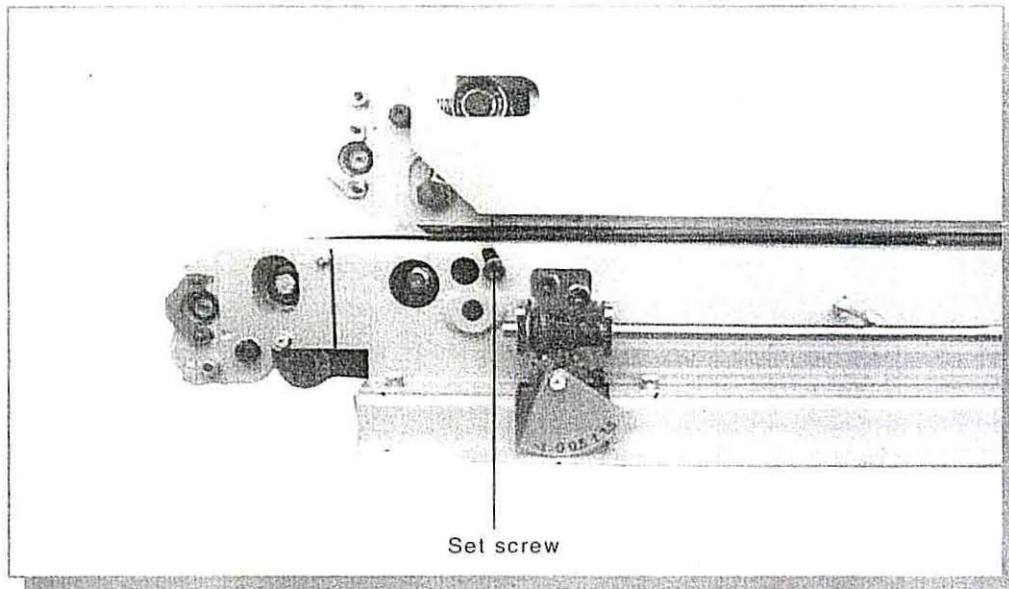


## How to prevent and adjust roller moir é (puckering)

In the case where roller moir é has taken place on the fused material, fuse it by lowering heat and pressure as low as possible. Even when the prevention is impossible in spite of the efforts, adjustments to be shown below will be necessary.

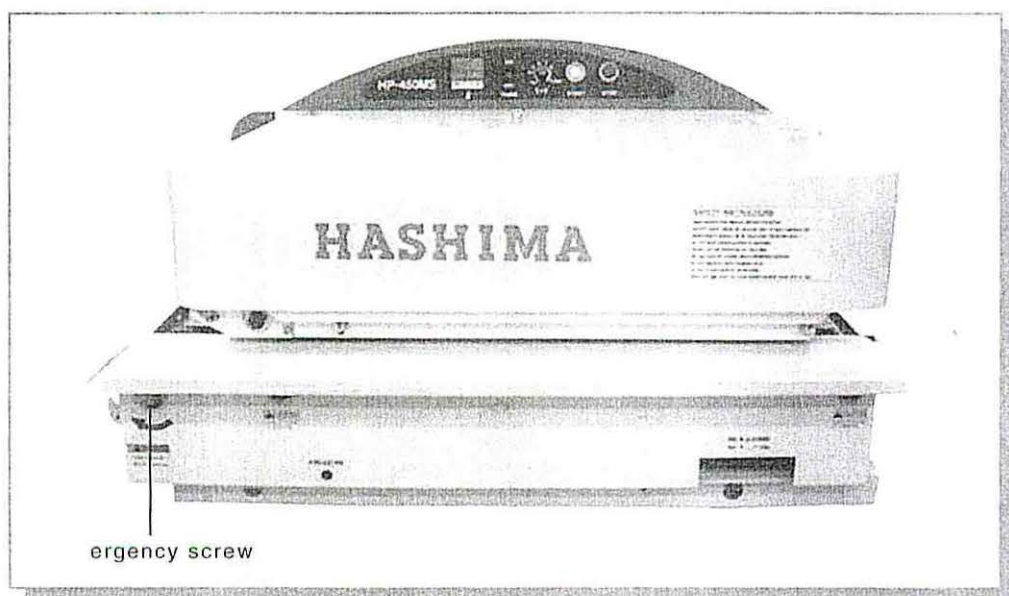
- Remove the main unit's cover.
- Remove the rear cover.
- You'll find a screw for securing the moir é adjust roller on the side of the machine. And you will find an other when you open the rear cover of the machine loosen both of the stop screws and rise right and left equally.
- The moir é is hard to appear when you bring up the roller.
- Tighten both of the stop screws.

## INSTRUCTION MANUAL



### How to move the machine by hand at the emergency

Press the stop switch in order to stop the machine before setting the pressure to 0 (zero), when you've put other things to the belt's injecting entrance by mistake. Put the T-typed wrench (an accessory) on to the screw for emergency on the side of the main unit and turn it to the arrow marked direction, before you will unload the finished material. In the case where a hard thing has been put in the machine, ensure the safety before resuming the operation for fear that the teflon belt and rubber parts of the pressure roller might be damaged. And in the case of an electric failure, put the T-typed wrench (an accessory ) on to the screw for emergency use on the side of the main unit and turn it to the arrow marked direction, before you'll unload the finished material



## Daily maintenance (Pay attention to fear such accidents as burn and caught -in)

### Cleaning belts

Clean the belt while it is hot. Use the Hashima New Ace or the New Clean Spray to clean the belt. In the case where you put the latter to use, pay attention not to spray such electric parts as the warp prevention limit switch and others, resulting in troubles. Moreover, don't use the powders New Cleaning except when dirt is remarkable. Wipe with sure the powders which have a character to be hardened when it is cool. Apply the Hashima New Ace onto the belt for the prevention of dirt.

### Cleaning the cleaner

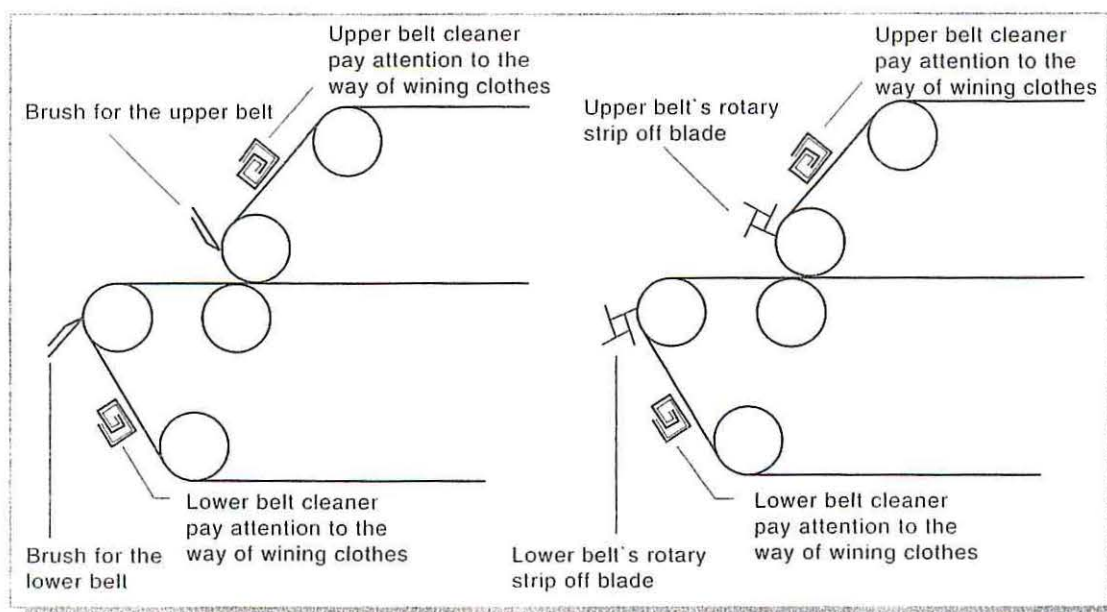
The cleaner is provided at the rear part of the machine. At the start of the cleaning, don't fail to pay attention so that the clean surface could make contact with to belt. And observe it about twice a day to change the dirty surface if necessary. The cleaner is to be removed when you push it to the manipulation panel's side. When you wind a new cloth, make it coincide with the rotary direction of the belt and, then, wind it, not being caught in.

### Cleaning the brush scraper (M)

The brush, too, is provided at the rear part of the main unit of the machine. Raise the scraper three or four times a day in order to clean.

### Cleaning the rotary strip off blade (MS)

Pick the blade, using a piece of the cloth and move it left to right and right to left in order to take the fusing resin resin and others away. Here, if the blade remains lying, raise it before cleaning it.



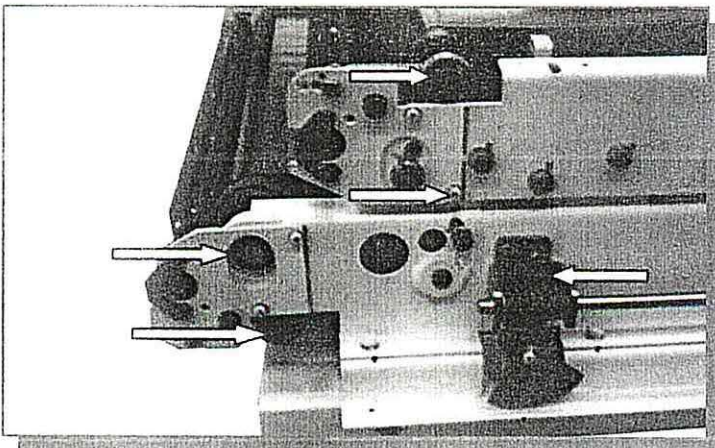
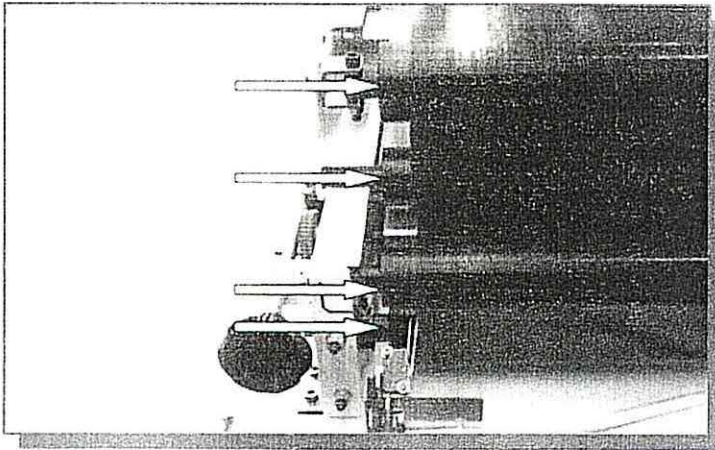
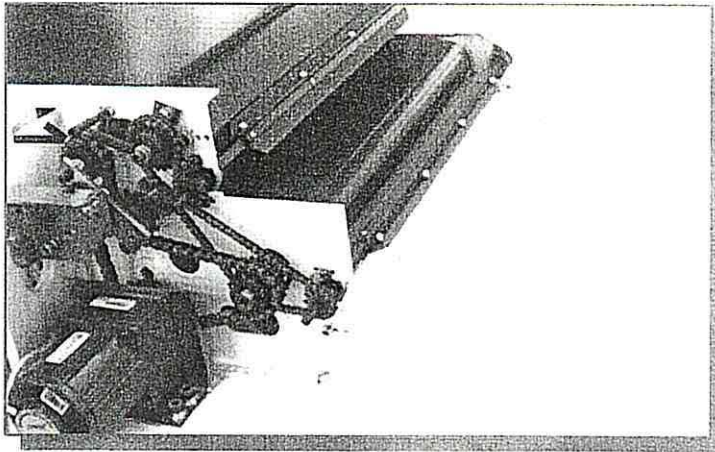
## INSTRUCTION MANUAL

### ATTENTION TO BE PAID MAINTANANCE OF FUSING MACHINE

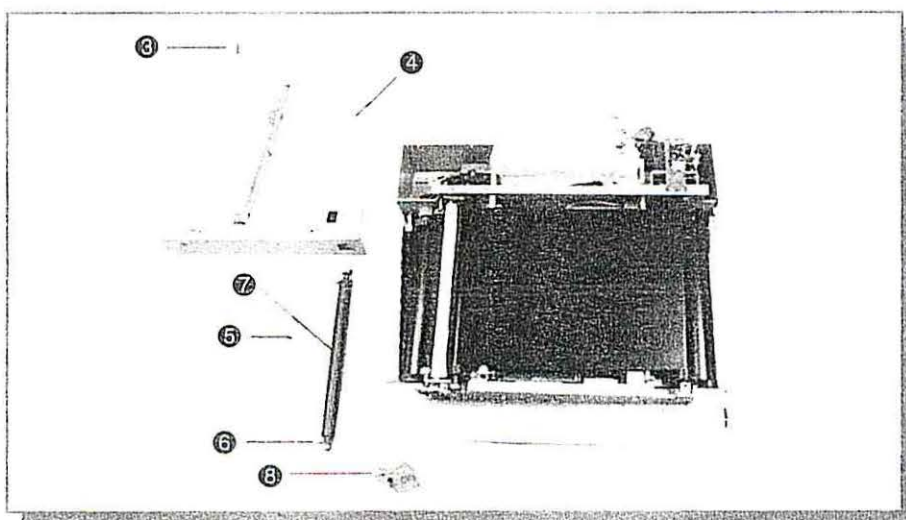
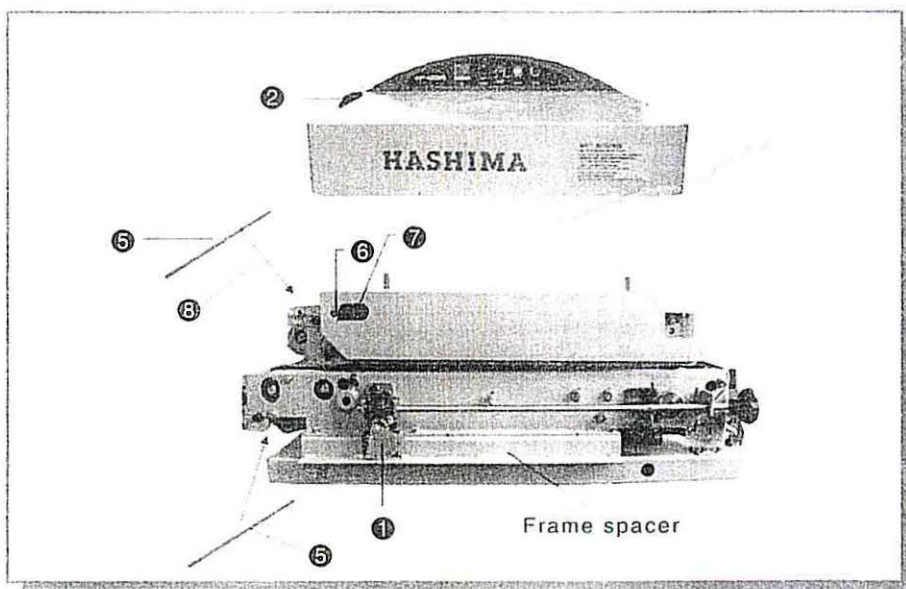
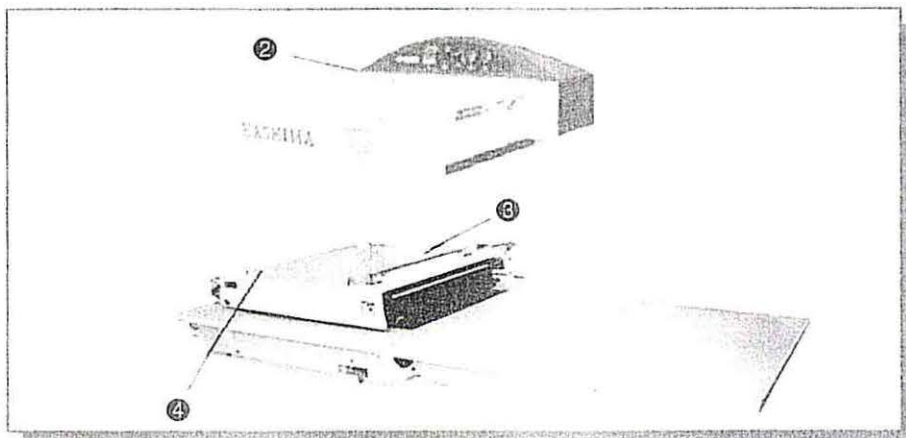
Put-off electric sources, fill "grease" inside rollers every two weeks.

You should use HASHIMA genuine grease and never use grease which contains MOLYBDENUM (LACK OF THIS GIVES DAMAGES TO BEARINGS)

- TAKE OUT MAIN COVER A.
- FULL GREASE INTO THE PLACE OF ARROW MARKS.

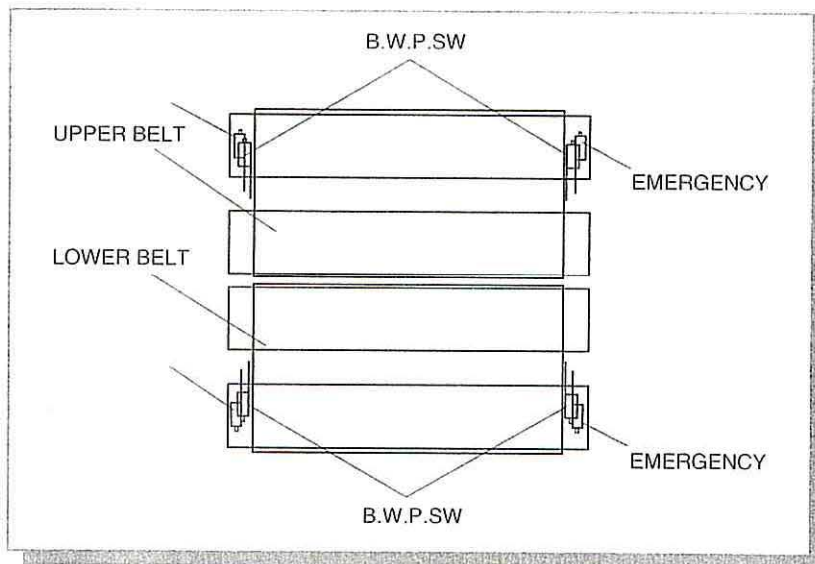


## HOW TO EXCHANGE UPPER BELT

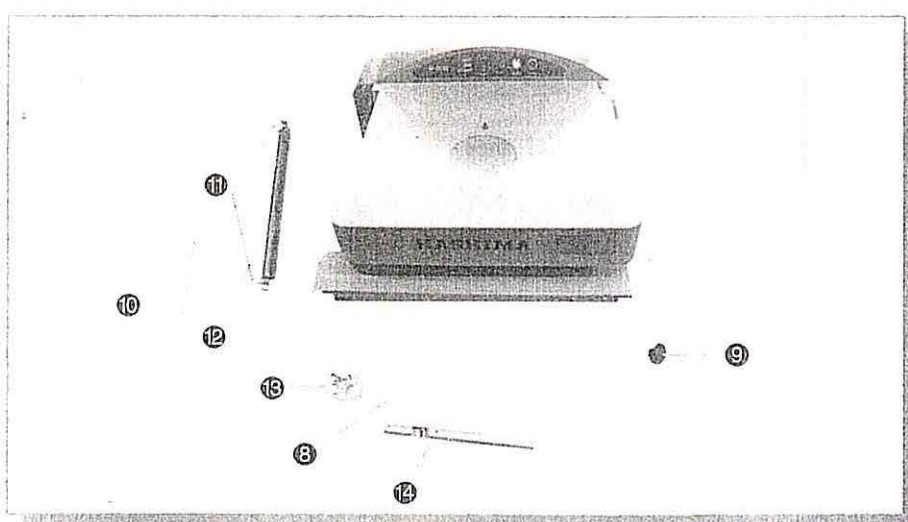
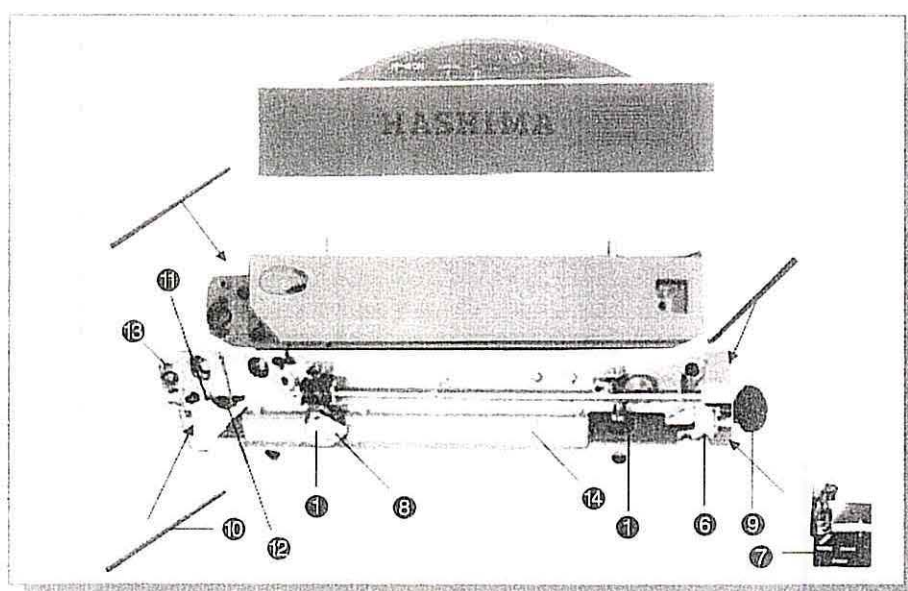
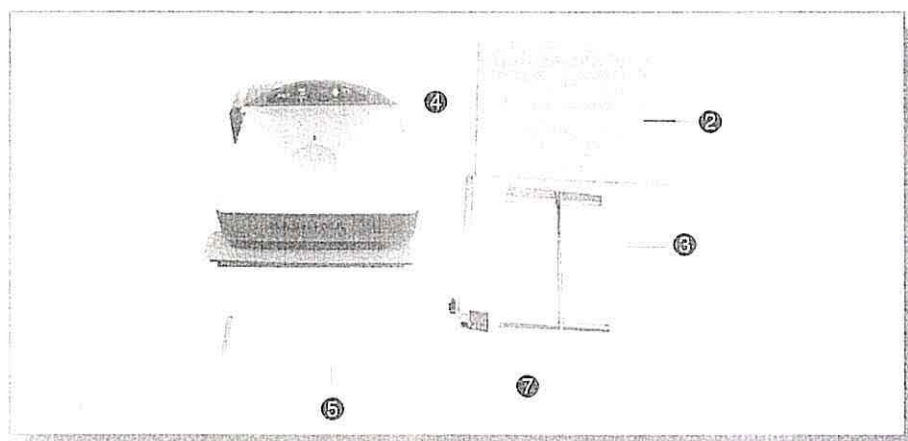


## INSTRUCTION MANUAL

- ① Disconnect the power source from its origin and set the pressure -1, and pull-in adjuster set to 0.
- ② Take off main cover (A). Take off screw of main cover (panel side) and put it near the machine or take off connector of panel side and control box.
- ③ Take off belt warping prevention limit switch stay. 3 pan screw(yellow marks).
- ④ Take off the adiabatic cover. 2 Pan screw, 2 Hex bolt (yellow marks).
- ⑤ Take the cleaner bar(upper) off.
- ⑥ Take the tension spring (upper) off of both side.
- ⑦ Take the tension roller (upper) off.
- ⑧ Take the blade stay (lower) off. 2 hex bolt (yellow marks).
- ⑨ Take off a belt from upper frame. When change upper belt, it is easier by taking off frame spacer. In this case, take off front table, working table, sub-table, belt protection stay and left frame support stay (Refer how to change lower belt).
- ⑩ Reassemble in the reverse order.



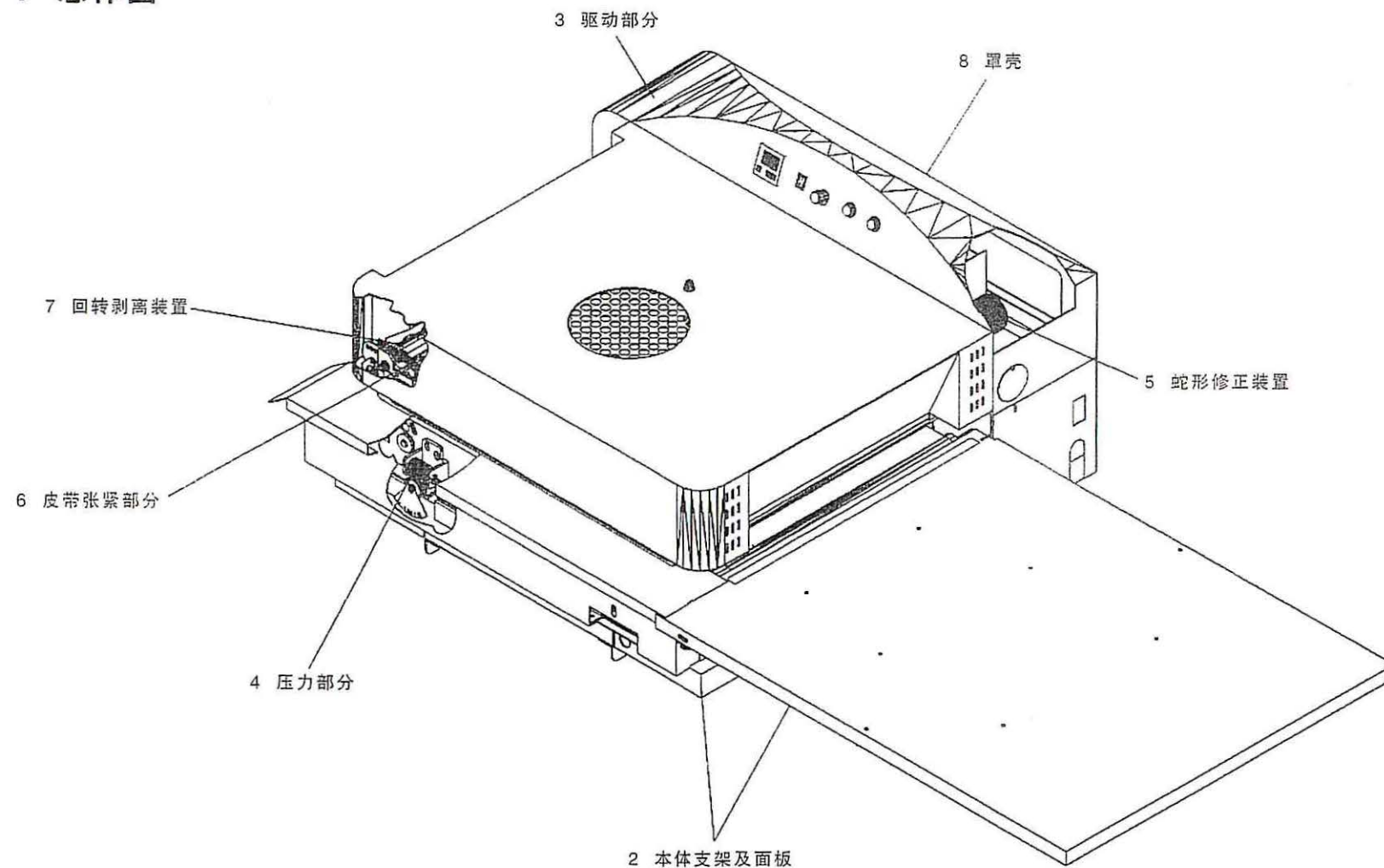
# HOW TO CHANGE LOWER BELT



## INSTRUCTION MANUAL

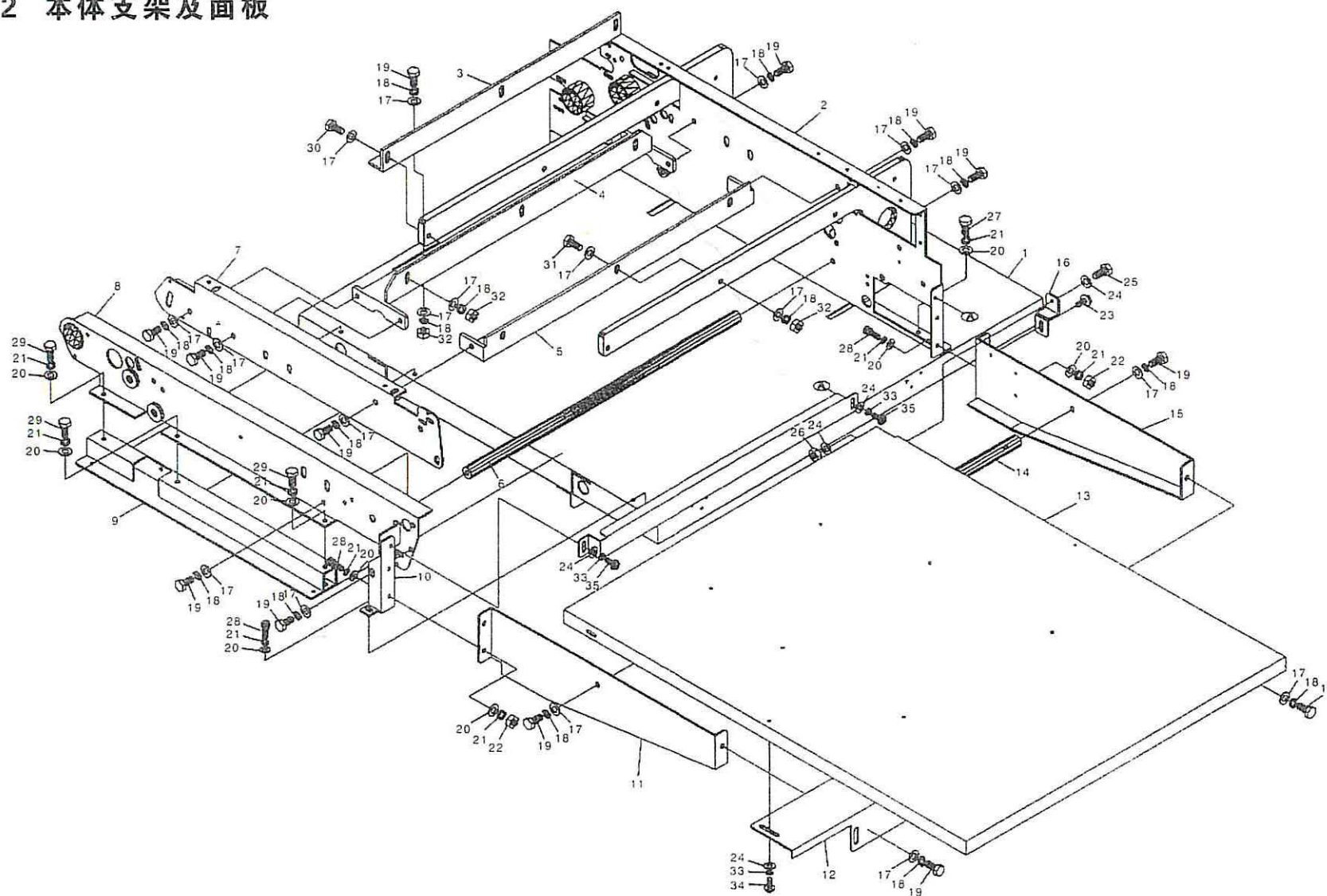
- ❶ Disconnect the power source from its origin and set the pressure to -1 by the pressure adjusting knob. Set the holding's adjustment to 0.
- ❷ Take the front table off.
- ❸ Take the front table stay off.
- ❹ Take the belt protection stay off. Pan screw 2 (yellow mark).
- ❺ Take the side table off. Hex. Nut 1 (yellow mark).
- ❻ Take the left frame support stay off. Hex. bolt 2 (yellow mark).
- ❼ Take the left lower belt warping prevention limit stay off. Pan screw 2 (yellow mark).
- ❽ Take the pressure meter off. Hex. bolt 1.
- ❾ Take the pressure adjusting knob off. Hex. holed set screw 2.
- ❿ Take the cleaner bar (lower) off.
- ⓫ Take the tension springs (lower) off.
- ⓬ Take the tension roller (lower) off.
- ⓭ Take the blade stay (lower) off.
- ⓮ Take the frame spacer off. Hex. Bolt 3 (yellow mark)
- ⓯ Press the belt through the outside of the lower frame in order to pull it out. When change lower belt, it is easier by taking off upper cover.
- ⓰ Reassemble in the reverse order. Give attention to set the position of the pressure Meter and left lower belt prevention limit stay.

# 1 总体图

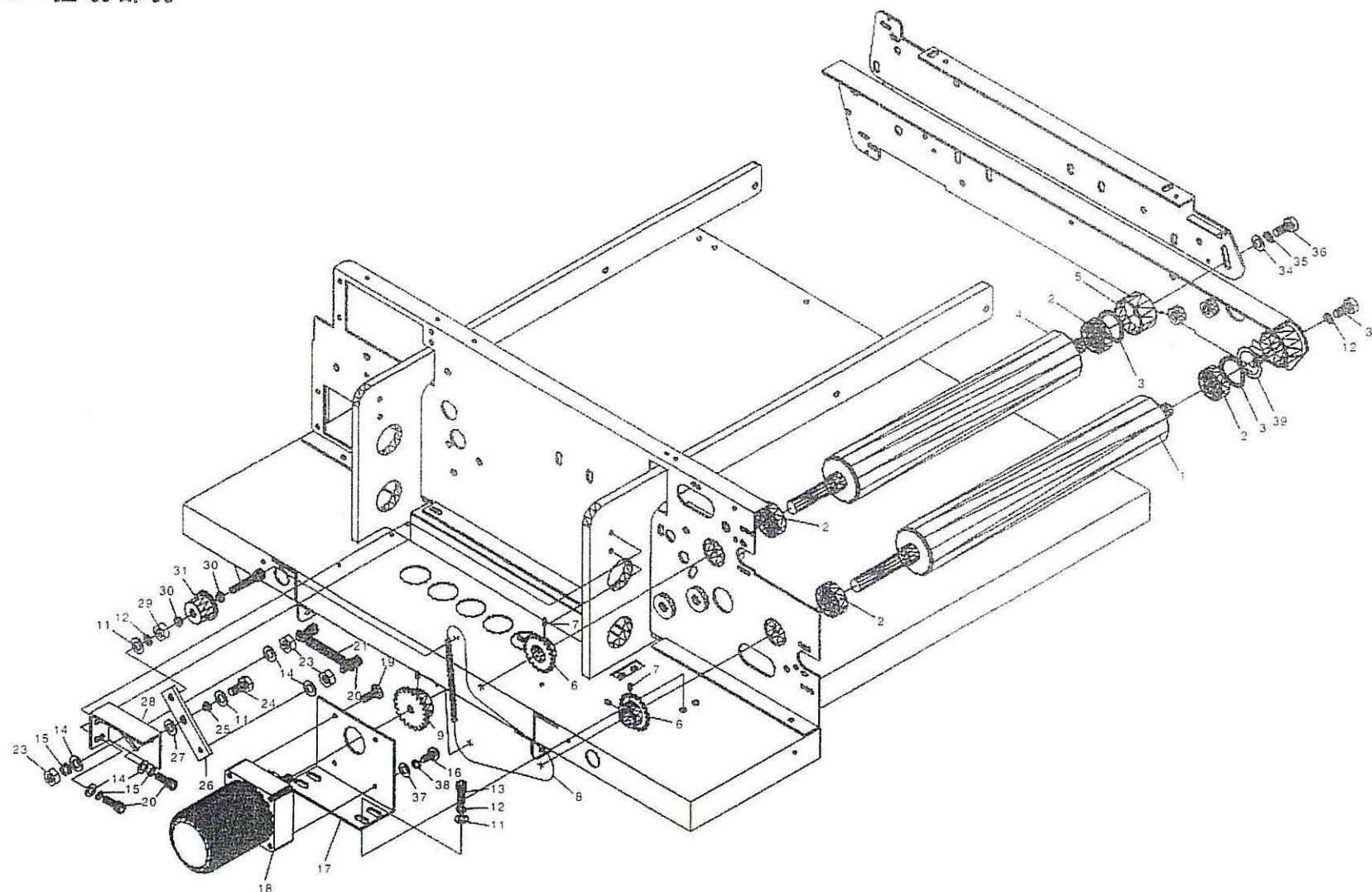




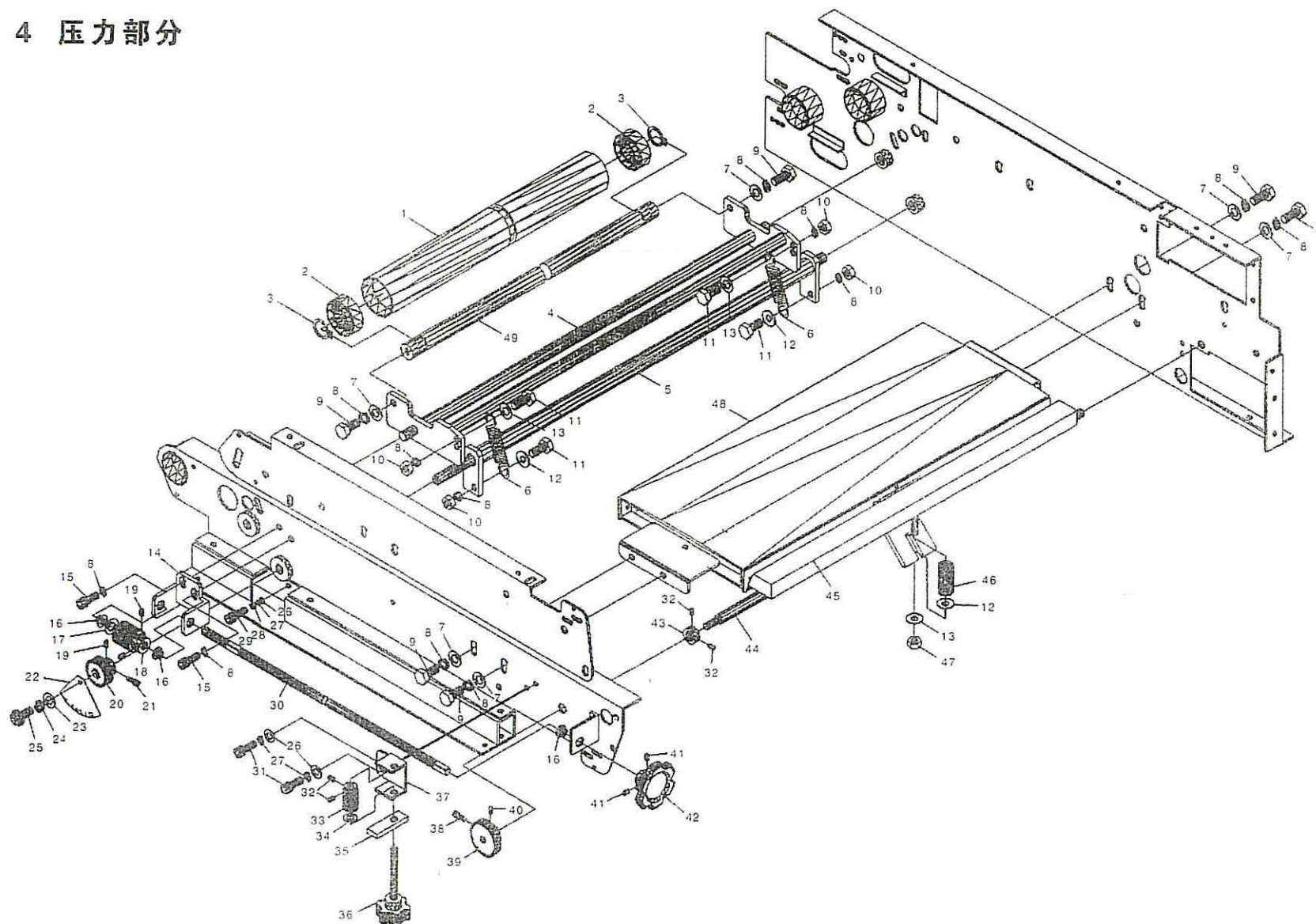
## 2 本体支架及面板



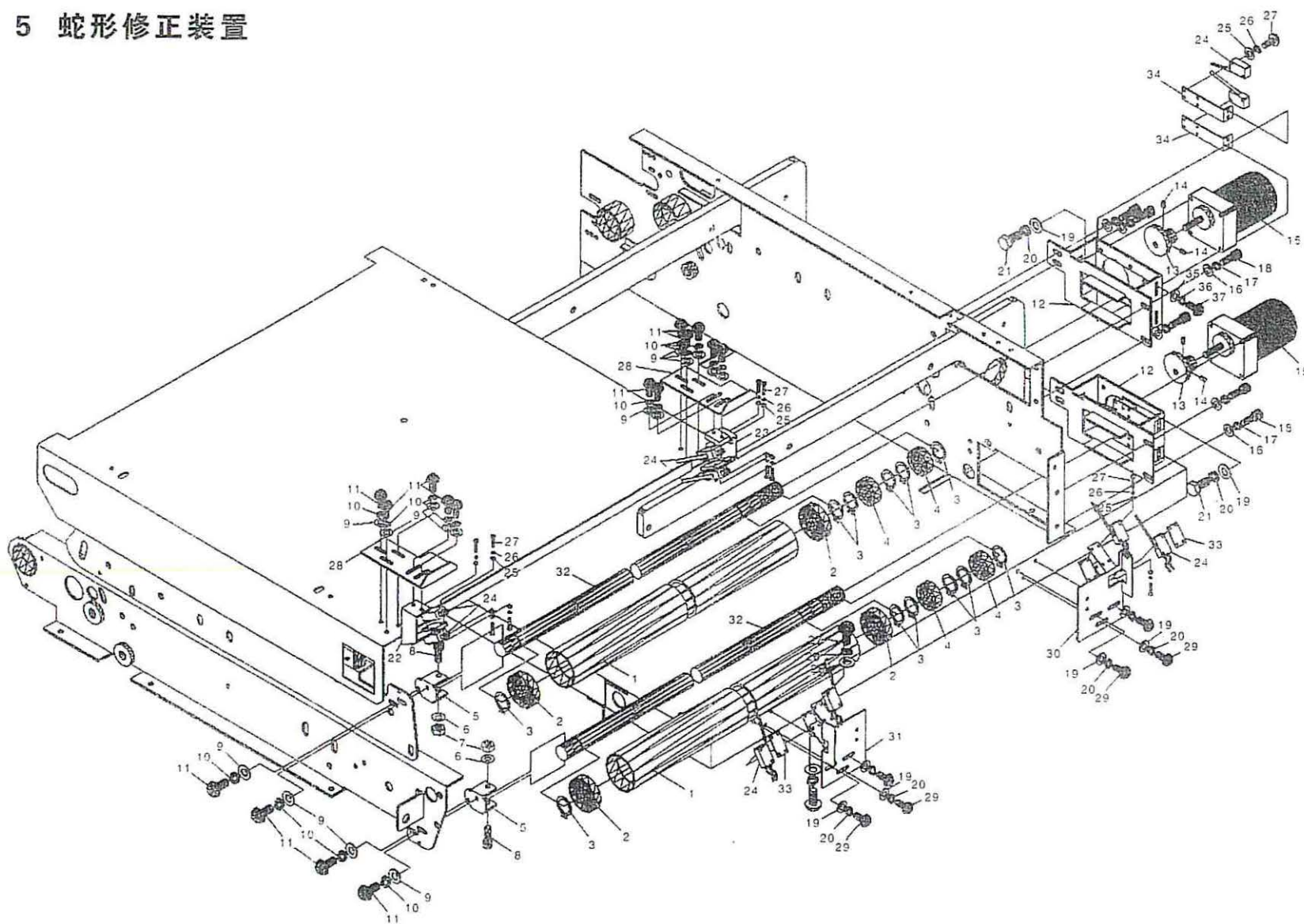
### 3 驱动部分



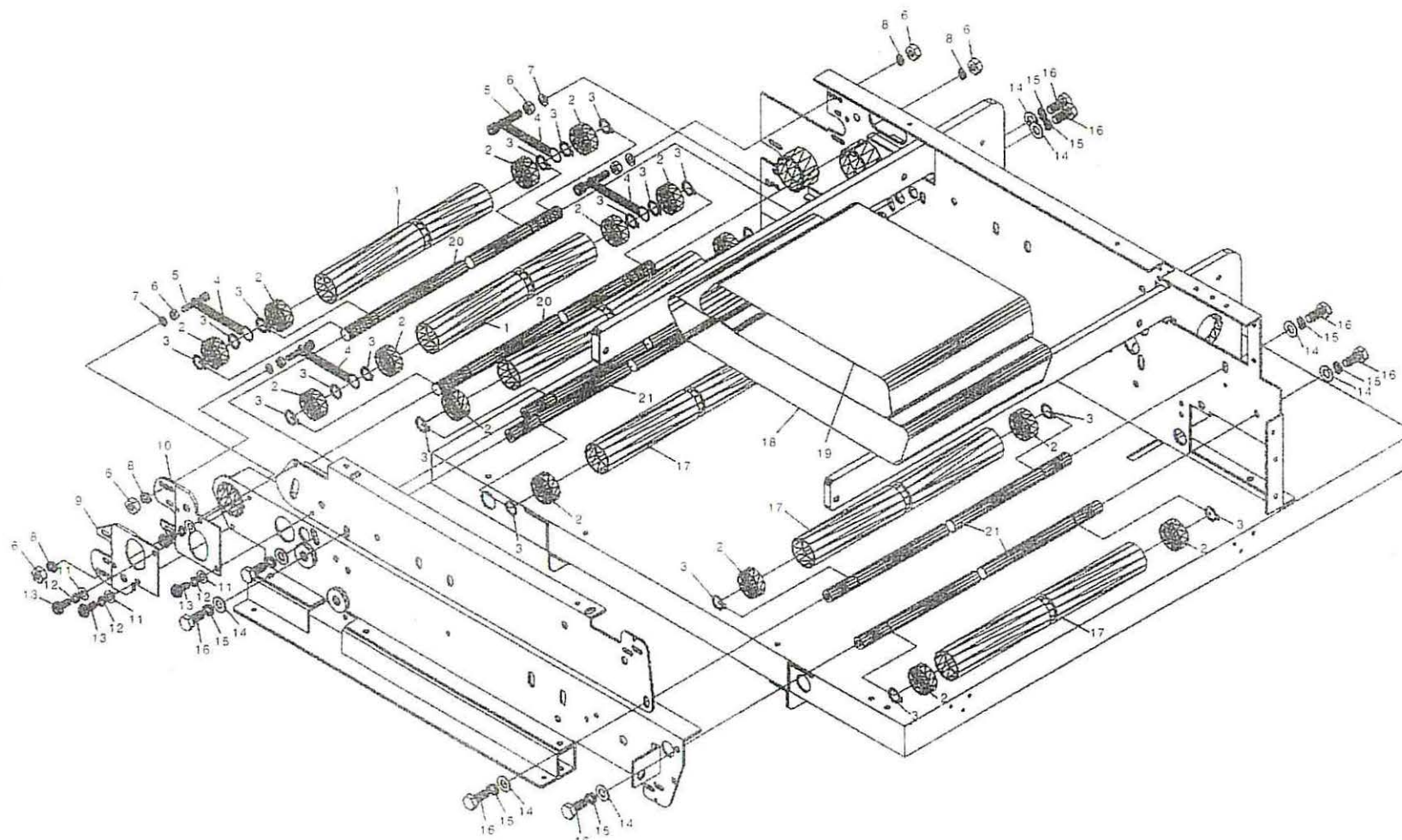
#### 4 压力部分



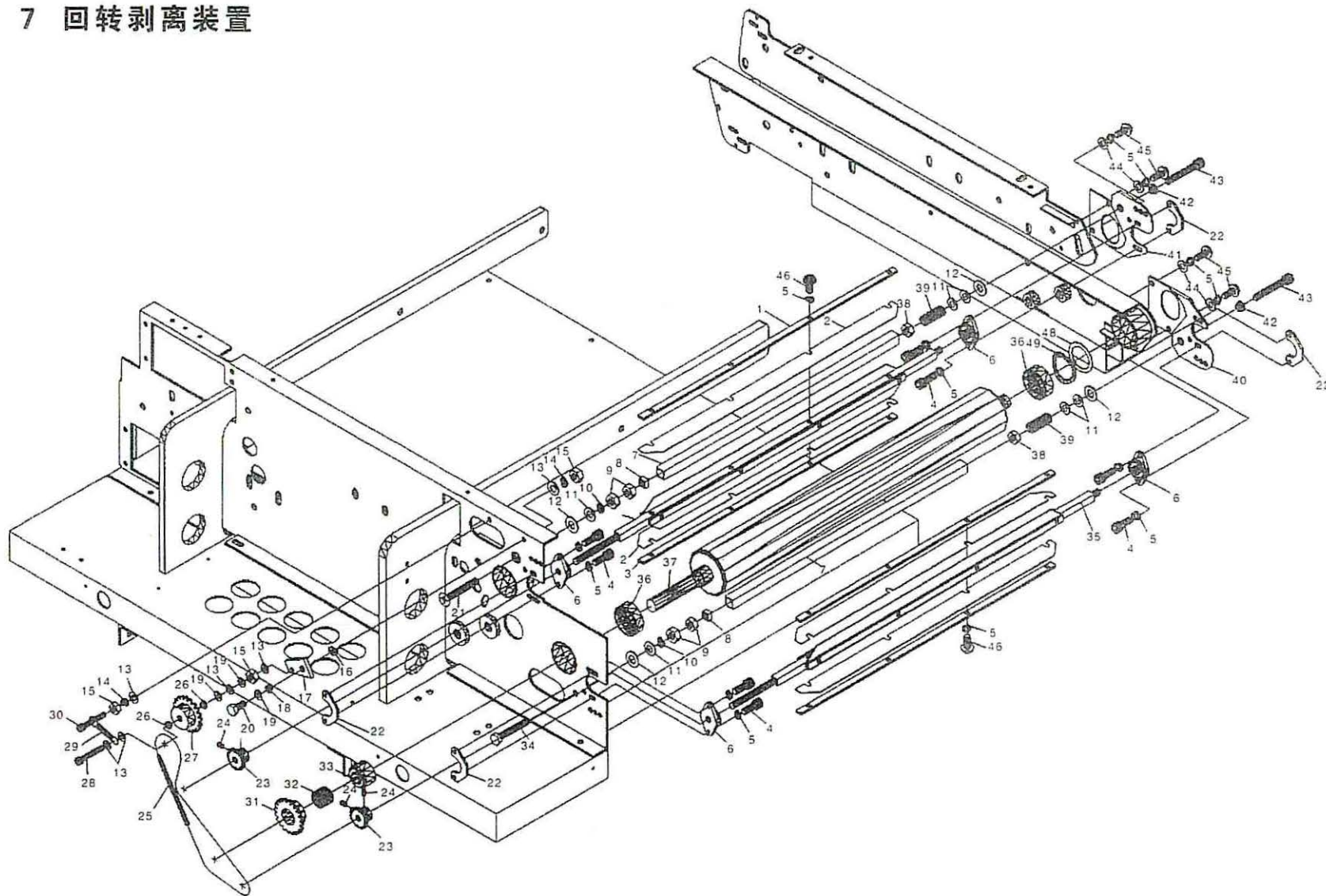
## 5 蛇形修正裝置



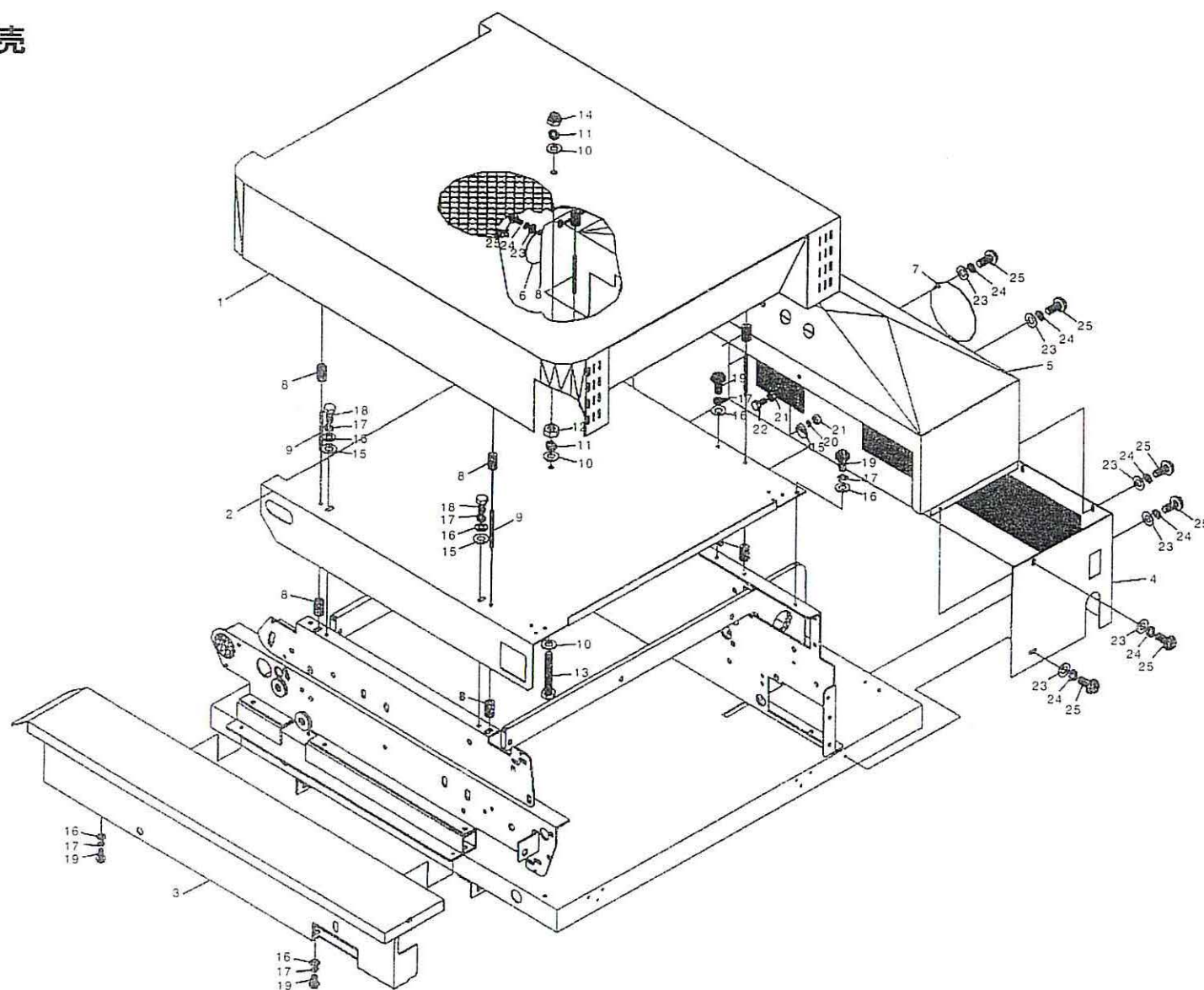
## 6 皮帶張緊部分



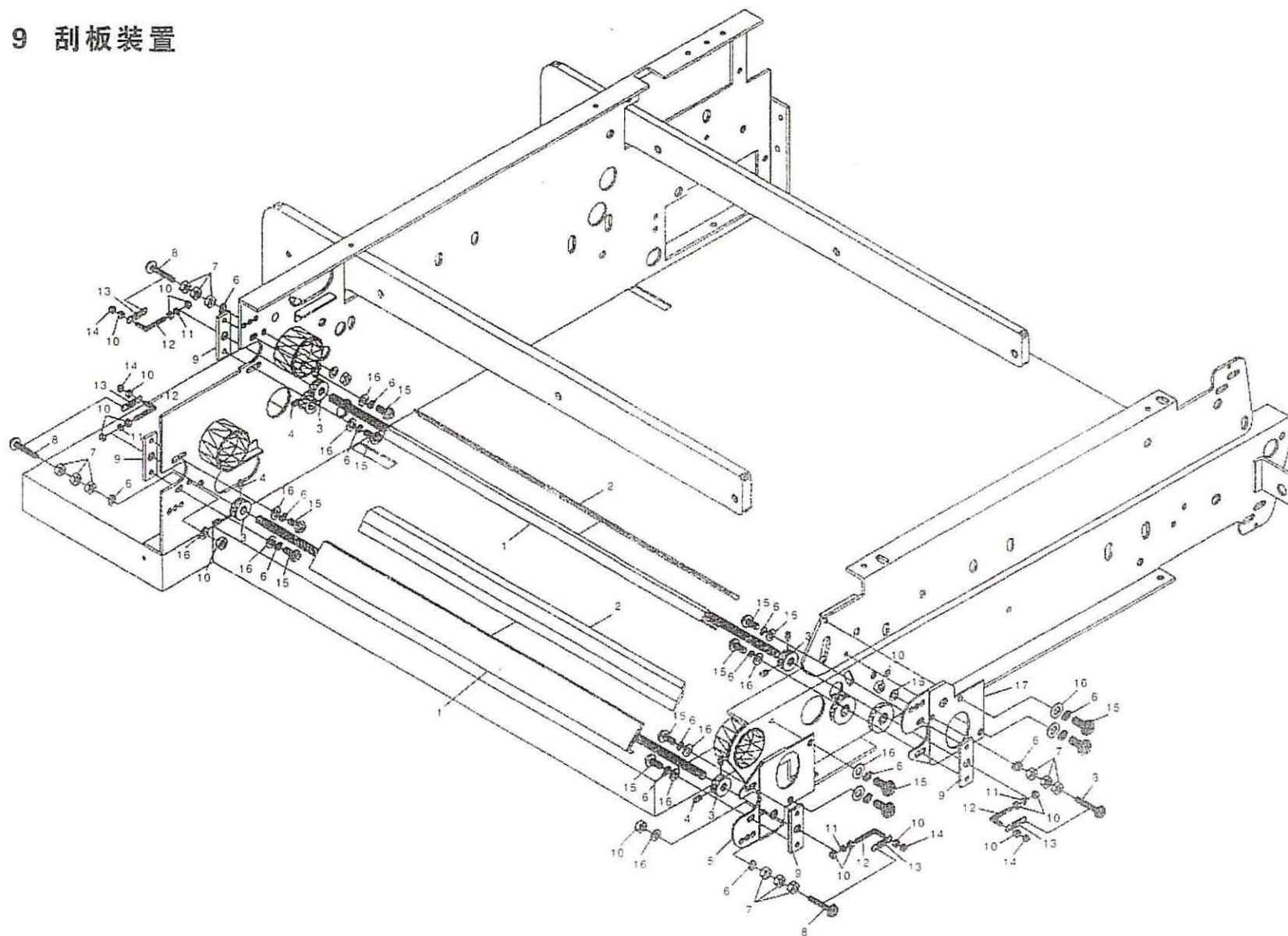
## 7 回转剥离装置



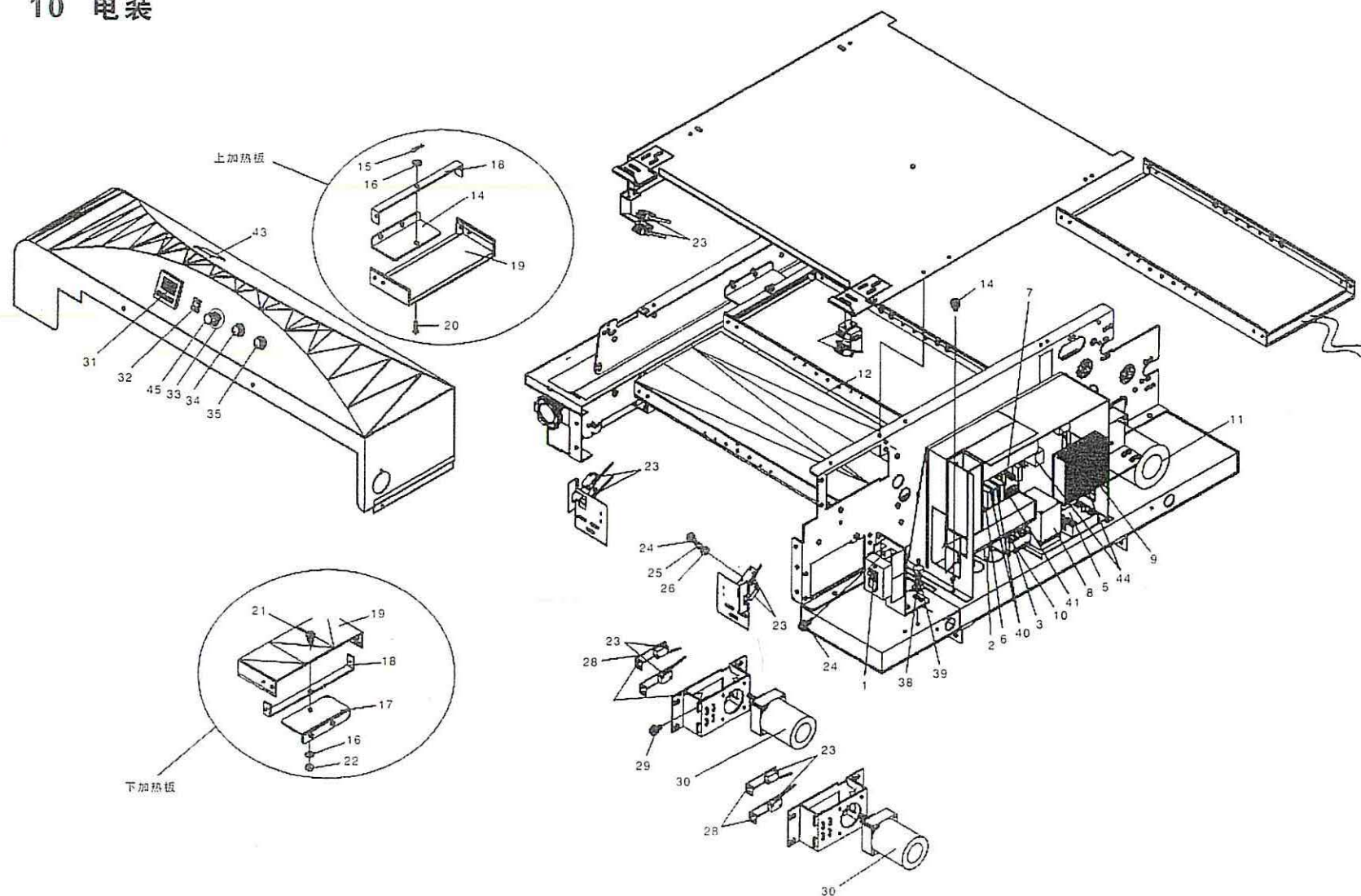
## 8 罩壳



## 9 刮板装置



## 10 电装



## 2. 本体支架及面板 (表一)

| 序号 | 部品编号         | 部品名            | 部品名       | Parts name          | Q'ty | 备注 |
|----|--------------|----------------|-----------|---------------------|------|----|
| 1  | HP-450M02001 | 本体平台           | ベース       | base                | 1    |    |
| 2  | HP-450M02002 | 内側辅助钣金         | フレーム      | frame               | 1    |    |
| 3  | HP-450M02003 | 辅助钣金连结加强件      | フレーム止め連結  | stopper stay        | 1    |    |
| 4  | HP-450M02004 | 辅助钣金后端连结件      | 後方フレーム止め  | rear frame support  | 1    |    |
| 5  | HP-450M02005 | 辅助钣金前端连结件      | 前方フレーム止め  | front frame support | 1    |    |
| 6  | HP-450M02006 | 进料口面板轴B        | テーブルシャフト  | table shaft         | 1    |    |
| 7  | HP-450M02007 | 外侧辅助钣金上        | フレーム(上)   | frame               | 1    |    |
| 8  | HP-450M02008 | 外侧辅助钣金下        | フレーム(下)   | frame               | 1    |    |
| 9  | HP-450M02009 | 撑垫钣金           | サイド下フレーム  | side lower frame    | 1    |    |
| 10 | HP-450M02010 | 外侧辅助钣金加强件      | フレーム補強ステー | frame support stay  | 1    |    |
| 11 | HP-450M02011 | 进料口面板右侧支撑钣金    | 前テーブルステー  | front frame stay    | 1    |    |
| 12 | HP-450M02012 | 进料口面板撑脚钣金      | テーブル脚     | table leg           | 1    |    |
| 13 | HP-450M02013 | 进料口面板          | 前テーブル     | front table         | 1    |    |
| 14 | HP-450M02014 | 进料口面板轴A        | テーブルシャフト  | front table shaft   | 1    |    |
| 15 | HP-450M02015 | 进料口面板左侧支撑钣金    | 前テーブルステー  | front table stay    | 1    |    |
| 16 | HP-450M02016 | 进料口面板固定件       | テーブル固定金具  | table fixing plate  | 1    |    |
| 17 | HP-450M02017 | 平垫圈 M8         | 平座金       | plain washer        | 31   |    |
| 18 | HP-450M02018 | 标准型弹簧垫圈 M8     | バネ座金      | spring washer       | 28   |    |
| 19 | HP-450M02019 | 外六角螺丝 M8*20    | 外六角ネジ     | hex bolt            | 16   |    |
| 20 | HP-450M02020 | 平垫圈 M6         | 平座金       | plain washer        | 14   |    |
| 21 | HP-450M02021 | 标准型弹簧垫圈 M6     | バネ座金      | spring washer       | 10   |    |
| 22 | HP-450M02022 | 六角螺母 M6        | 六角ナット     | hex nut             | 4    |    |
| 23 | HP-450M02023 | 十字大盘头螺丝 M6*15  | プレスネジ     | round head screw    | 1    |    |
| 24 | HP-450M02024 | 平垫圈 M5         | 平座金       | plain washer        | 6    |    |
| 25 | HP-450M02025 | 外六角螺丝 M5*20    | 外六角ネジ     | hex bolt            | 1    |    |
| 26 | HP-450M02026 | 六角螺母 M5        | 六角ナット     | hex nut             | 1    |    |
| 27 | HP-450M02027 | 外六角螺丝 M6*20    | 外六角ネジ     | hex bolt            | 4    |    |
| 28 | HP-450M02028 | 内六角圆柱头螺丝 M6*20 | 六角穴付きネジ   | hex holed bolt      | 5    |    |

## 取説説明書/使用说明书/INSTRUCTION MANUAL

From the library of Superior Sewing Machine & Supply LLC - [www.supsew.com](http://www.supsew.com)

## 3. 驱动部分 (表一)

| 序号 | 部品编号         | 部品名             | 部品名           | Parts name             | Q'ty | 备注          |
|----|--------------|-----------------|---------------|------------------------|------|-------------|
| 1  | HP-450M03001 | 下驱动罗拉           | 駆動ローラー(下)     | driving roller(lower)  | 1    |             |
| 2  | HP-450M03002 | 轴承              | ベアリング         | bearing                | 4    | 6203        |
| 3  | HP-450M03003 | 轴承用波形弹性垫圈       | 波型ワッシャー       | washer                 | 2    | φ40*φ30*0.3 |
| 4  | HP-450M03004 | 上驱动罗拉           | 駆動ローラー(上)     | dring roller(upper)    | 1    |             |
| 5  | HP-450M03005 | 压力胶辊罗拉轴环        | 駆動ローラーベアリング受け | bearing reciever       | 1    |             |
| 6  | HP-450M03006 | 驱动链轮            | 駆動スプロケット      | driving sprocket       | 2    |             |
| 7  | HP-450M03007 | 内六角凹端紧定螺钉 M6*6  | 六角穴付き止めネジ     | hex holed set screw    | 4    |             |
| 8  | HP-450M03008 | 35号链条           | チェーン          | chain                  | 1    |             |
| 9  | HP-450M03009 | 马达链轮            | モータースプロケット    | motor sprocket         | 1    |             |
| 10 | HP-450M03010 | 内六角凹端紧定螺钉 M6*10 | 六角穴付き止めネジ     | hex holed set screw    | 2    |             |
| 11 | HP-450M03011 | 平垫圈 M8          | 平座金           | plain washer           | 6    |             |
| 12 | HP-450M03012 | 标准型弹簧垫圈 M8      | バネ座金          | spring washer          | 6    |             |
| 13 | HP-450M03013 | 内六角圆柱头螺丝 M8*20  | 六角穴付きネジ       | hex holed bolt         | 4    |             |
| 14 | HP-450M03014 | 平垫圈 M6          | 平座金           | plain washer           | 5    |             |
| 15 | HP-450M03015 | 标准型弹簧垫圈 M6      | バネ座金          | spring washer          | 3    |             |
| 16 | HP-450M03016 | 外六角螺丝 M5*16     | 外六角ネジ         | hex bolt               | 3    |             |
| 17 | HP-450M03017 | 马达安装板           | モーターブラケット     | motor bracket          | 1    |             |
| 18 | HP-450M03018 | 马达              | モーター          | motor                  | 1    |             |
| 19 | HP-450M03019 | 十字沉头螺丝 M5*15    | プラスネジ         | raund head screw       | 1    |             |
| 20 | HP-450M03020 | 内六角圆柱头螺丝 M6*15  | 六角穴付きネジ       | hex holed bolt         | 1    |             |
| 21 | HP-450M03021 | 驱动用弹簧           | 駆動用バネ         | spring                 | 1    |             |
| 22 | HP-450M03022 | 内六角圆柱头螺丝 M6*25  | 六角穴付きネジ       | hex holed bolt         | 1    |             |
| 23 | HP-450M03023 | 六角螺母 M6         | 六角ナット         | hex nut                | 3    |             |
| 24 | HP-450M03024 | 外六角螺丝 M8*25     | 外六角ネジ         | hex bolt               | 1    |             |
| 25 | HP-450M03025 | 无油轴承            | メタル           | metal                  | 1    | 08075       |
| 26 | HP-450M03026 | 张紧轮连接杆          | 駆動テンションステー    | driving tension stay   | 1    |             |
| 27 | HP-450M03027 | 无油轴承            | メタル           | metal                  | 1    | WC10*25*1.5 |
| 28 | HP-450M03028 | 驱动张紧轮固定件        | 駆動テンション受け     | driving tension roller | 1    |             |

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#### 4. 压力部分 (表一)

| 序号 | 部品编号         | 部品名            | 部品名         | Parts name                   | Q'ty | 备注           |
|----|--------------|----------------|-------------|------------------------------|------|--------------|
| 1  | HP-450M04001 | 加压罗拉           | 加压ローラー      | pressure roller              | 1    |              |
| 2  | HP-450M04002 | 轴承             | ベアリング       | bearing                      | 2    | 6204ZC4      |
| 3  | HP-450M04003 | 卡簧(φ20)        | C型止め輪       | c-ring                       | 2    |              |
| 4  | HP-450M04004 | 加压杠杆(B)        | 加压レバー       | pressure roller lever        | 1    |              |
| 5  | HP-450M04005 | 压力弹簧轴          | 加压スプリングシャフト | pressure spring shaft        | 1    |              |
| 6  | HP-450M04006 | 压力弹簧           | スプリング       | spring                       | 2    |              |
| 7  | HP-450M04007 | 平垫圈 M8         | 平座金         | plain washer                 | 6    |              |
| 8  | HP-450M04008 | 标准型弹簧垫圈 M8     | バネ座金        | spring washer                | 12   |              |
| 9  | HP-450M04009 | 外六角螺丝 M8*20    | 外六角ネジ       | hex bolt                     | 6    |              |
| 10 | HP-450M04010 | 六角薄螺母 M8       | 六角ナット(薄い)   | hex nut                      | 4    |              |
| 11 | HP-450M04011 | 外六角螺丝 M8*30    | 外六角ネジ       | hex bolt                     | 4    |              |
| 12 | HP-450M04012 | 加宽垫圈 M8        | 平座金         | plain washer                 | 3    |              |
| 13 | HP-450M04013 | 平垫圈 M10        | 平座金         | plain washer                 | 3    |              |
| 14 | HP-450M04014 | 压力蜗杆固定件        | 圧力ウオームステー   | pressure adjusting worm stay | 1    |              |
| 15 | HP-450M04015 | 内六角圆柱头螺丝 M8*15 | 六角穴付きネジ     | hex holed screw              | 2    |              |
| 16 | HP-450M04016 | 无油轴承           | メタル         | metal                        | 3    | 10070        |
| 17 | HP-450M04017 | 无油轴承           | メタル         | metal                        | 1    | WC 10*25*1.5 |
| 18 | HP-450M04018 | 调压蜗杆           | ウオームホイール    | worm gear                    | 1    |              |
| 19 | HP-450M04019 | 内六角凹端紧定螺钉 M6*6 | 六角穴付き止めネジ   | hex holed set screw          | 3    |              |
| 20 | HP-450M04020 | 压力调节蜗轮         | ウオームギヤー     | pressure adjusting worm gear | 1    |              |
| 21 | HP-450M04021 | 内六角圆柱头螺丝 M6*15 | 六角穴付きネジ     | hex holed screw              | 1    |              |
| 22 | HP-450M04022 | 压力数字表示         | 圧力メーター      | pressure meter               | 1    |              |
| 23 | HP-450M04023 | 平垫圈 M5         | 平座金         | plain washer                 | 1    |              |
| 24 | HP-450M04024 | 标准型弹簧垫圈 M5     | バネ座金        | spring washer                | 1    |              |
| 25 | HP-450M04025 | 十字盘头螺丝 M5*10   | ナベ小ネジ       | pan screw                    | 1    |              |
| 26 | HP-450M04026 | 平垫圈 M6         | 平座金         | plain washer                 | 3    |              |
| 27 | HP-450M04027 | 标准型弹簧垫圈 M6     | バネ座金        | spring washer                | 3    |              |
| 28 | HP-450M04028 | 六角螺母 M6        | 六角ナット       | hex nut                      | 1    |              |



## 4. 压力部分 (表二)

| 序号 | 部品编号         | 部品名            | 部品名           | Parts name                    | Q'ty | 备注          |
|----|--------------|----------------|---------------|-------------------------------|------|-------------|
| 29 | HP-450M04029 | 内六角圆柱头螺丝 M6*30 | 六角穴付きネジ       | hex holed screw               | 1    |             |
| 30 | HP-450M04030 | 压力轴            | 圧力シャフト        | pressure shaft                | 1    |             |
| 31 | HP-450M04031 | 内六角圆柱头螺丝 M6*15 | 六角穴付きネジ       | hex holed screw               | 2    |             |
| 32 | HP-450M04032 | 内六角凹端紧定螺钉 M4*5 | 六角穴付き止めネジ     | hex holed set screw           | 4    |             |
| 33 | HP-450M04033 | 进料开口调节蜗杆       | くわえ込みウォームギヤー  | clearence adusting worm gear  | 1    |             |
| 34 | HP-450M04034 | 无油轴承           | メタル           | metal                         | 1    | WC 8*16*1.5 |
| 35 | HP-450M04035 | 中间标示板          | くわえ込みメーター     | clearence adjusting meter     | 1    |             |
| 36 | HP-450M04036 | 旋钮             | ハンドル          | handle                        | 1    |             |
| 37 | HP-450M04037 | 进料口控制蜗杆固定件     | くわえ込みウォームステー  | clearence adusting worm stay  | 1    |             |
| 38 | HP-450M04038 | 内六角圆柱头螺丝 M5*20 | 六角穴付きネジ       | hex holed screw               | 1    |             |
| 39 | HP-450M04039 | 进料开口调节蜗轮       | くわえ込みウォームホイール | clearence adusting worm wheel | 1    |             |
| 40 | HP-450M04040 | 内六角凹端紧定螺钉 M5*6 | 六角穴付き止めネジ     | hex holed set screw           | 1    |             |
| 41 | HP-450M04041 | 内六角凹端紧定螺钉 M5*5 | 六角穴付き止めネジ     | hex holed set screw           | 2    |             |
| 42 | HP-450M04042 | 波纹把手           | 圧力ハンドル        | pressure knob                 | 1    |             |
| 43 | HP-450M04043 | 进料口控制轴环        | カラー           | coller                        | 1    |             |
| 44 | HP-450M04044 | 进料口控制板轴        | シャフト          | shaft                         | 1    |             |
| 45 | HP-450M04045 | 进料口控制板         | くわえ込み板        | pull in plate                 | 1    |             |
| 46 | HP-450M04046 | 进料口用弹簧         | スプリング         | spring                        | 1    |             |
| 47 | HP-450M04047 | 锁紧螺母 M8        | 六角Uナット        | hex U-nut                     | 1    |             |
| 48 | HP-450M04048 | 加热板(下)         | ヒーター板(下)      | heater (lower)                | 1    |             |
| 49 | HP-450M04049 | 加压罗拉轴          | 加压ローラーシャフト    | pressure roller shaft         | 1    |             |
|    |              |                |               |                               |      |             |
|    |              |                |               |                               |      |             |
|    |              |                |               |                               |      |             |
|    |              |                |               |                               |      |             |
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|    |              |                |               |                               |      |             |
|    |              |                |               |                               |      |             |

## 5. 蛇形修正装置 (表一)

| 序号 | 部品编号         | 部品名            | 部品名            | Parts name                      | Q'ty | 备注          |
|----|--------------|----------------|----------------|---------------------------------|------|-------------|
| 1  | HP-450M05001 | 修正并行罗拉         | 並蛇行修正ローラー      | belt wrapping prevention roller | 2    |             |
| 2  | HP-450M05002 | 轴承             | ベアリング          | bearing                         | 4    | 6204ZC4     |
| 3  | HP-450M05003 | 卡簧(φ20)        | C型止め輪          | C-ring                          | 12   |             |
| 4  | HP-450M05004 | 轴承             | ベアリング          | bearing                         | 4    | 6904ZC4     |
| 5  | HP-450M05005 | 修正罗拉固定件        | 蛇行修正ローラー受け     | belt wrapping prevention roller | 2    |             |
| 6  | HP-450M05006 | 平垫圈 M6         | 平座金            | plain washer                    | 2    |             |
| 7  | HP-450M05007 | 锁紧螺母 M6        | 六角Uナット         | hex U-nut                       | 2    |             |
| 8  | HP-450M05008 | 内六角圆柱头螺丝 M6*40 | 六角穴付ネジ         | hex holed screw                 | 2    |             |
| 9  | HP-450M05009 | 平垫圈 M5         | 平座金            | plain washer                    | 10   |             |
| 10 | HP-450M05010 | 标准型弹簧垫圈 M5     | バネ座金           | spring washer                   | 10   |             |
| 11 | HP-450M05011 | 十字盘头螺丝 M5*10   | ナベ小ネジ          | pan screw                       | 10   |             |
| 12 | HP-450M05012 | 蛇形修正马达安装板      | モーター取付板        | motor fixing frame              | 2    |             |
| 13 | HP-450M05013 | 修正凸轮           | カム             | BWP cam                         | 2    |             |
| 14 | HP-450M05014 | 内六角凹端紧定螺钉 M5*6 | 六角穴付止めネジ       | hex holed set screw             | 4    |             |
| 15 | HP-450M05015 | 蛇形修正马达         | モーター           | motor                           | 2    |             |
| 16 | HP-450M05016 | 平垫圈 M6         | 平座金            | plain washer                    | 8    | 日本制         |
| 17 | HP-450M05017 | 标准型弹簧垫圈 M6     | バネ座金           | spring washer                   | 8    |             |
| 18 | HP-450M05018 | 内六角圆柱头螺丝 M6*15 | 六角穴付ネジ         | hex holed screw                 | 8    |             |
| 19 | HP-450M05019 | 平垫圈 M4         | 平座金            | plain washer                    | 14   |             |
| 20 | HP-450M05020 | 标准型弹簧垫圈 M4     | バネ座金           | spring washer                   | 14   |             |
| 21 | HP-450M05021 | 外六角螺丝 M4*12    | 外六角ネジ          | hex screw                       | 8    |             |
| 22 | HP-450M05022 | 左限位固定件         | リミットスイッチステー(左) | limite switch stay(left)        | 1    |             |
| 23 | HP-450M05023 | 右限位固定件         | リミットスイッチステー(右) | limite switch stay(right)       | 1    |             |
| 24 | HP-450M05024 | 限位开关           | リミットスイッチ       | limite switch                   | 8    | V-103-1A4-T |
| 25 | HP-450M05025 | 平垫圈 M3         | 平座金            | plain washer                    | 24   |             |
| 26 | HP-450M05026 | 标准型弹簧垫圈 M3     | バネ座金           | spring washer                   | 24   |             |
| 27 | HP-450M05027 | 十字盘头螺丝 M3*16   | ナベ小ネジ          | pan screw                       | 24   |             |
| 28 | HP-450M05028 | 上限位开关固定件       | リミットスイッチステー(上) | limite switch stay(upper)       | 2    |             |

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## 6. 皮帶張緊部分

| 序号 | 部品 编号        | 部 品 名          | 部 品 名         | Parts name           | Q'ty | 备 注     |
|----|--------------|----------------|---------------|----------------------|------|---------|
| 1  | HP-450M06001 | 张紧罗拉           | テンションローラー     | tension roller       | 2    |         |
| 2  | HP-450M06002 | 轴承             | ベアリング         | bearing              | 16   | 6202ZC4 |
| 3  | HP-450M06003 | 卡簧(φ 15)       | C型止め輪         | c-ring               | 20   |         |
| 4  | HP-450M06004 | 张紧用弹簧          | テンションスプリング    | tension spring       | 4    |         |
| 5  | HP-450M06005 | 内六角圆柱头螺丝 M6*30 | 六角穴付ネジ        | hex holed screw      | 4    |         |
| 6  | HP-450M06006 | 六角螺母 M6        | 六角ナット         | hex nut              | 8    |         |
| 7  | HP-450M06007 | 平垫圈 M6         | 平座金           | plain washer         | 4    |         |
| 8  | HP-450M06008 | 标准型弹簧垫圈 M6     | バネ座金          | spring washer        | 4    |         |
| 9  | HP-450M06009 | 剥离器安装板下        | ハケステー(下)      | blade stay(lower)    | 1    |         |
| 10 | HP-450M06010 | 剥离器安装板上        | ハケステー(上)      | blade stay(upper)    | 1    |         |
| 11 | HP-450M06011 | 平垫圈 M5         | 平座金           | plain washer         | 4    |         |
| 12 | HP-450M06012 | 标准型弹簧垫圈 M5     | バネ座金          | spring washer        | 4    |         |
| 13 | HP-450M06013 | 十字盘头螺丝 M5*10   | ナベ小ネジ         | pan screw            | 4    |         |
| 14 | HP-450M06014 | 平垫圈 M8         | 平座金           | plain washer         | 8    |         |
| 15 | HP-450M06015 | 标准型弹簧垫圈 M8     | バネ座金          | spring washer        | 8    |         |
| 16 | HP-450M06016 | 外六角螺丝 M8*20    | 外六角ネジ         | hex screw            | 8    |         |
| 17 | HP-450M06017 | 并行罗拉           | 並ローラー         | roller               | 4    |         |
| 18 | HP-450M06018 | 铁氟龙皮带(下)       | テフロンベルト(下)    | teflon belt(lower)   | 1    |         |
| 19 | HP-450M06019 | 铁氟龙皮带(上)       | テフロンベルト(上)    | teflon belt(upper)   | 1    |         |
| 20 | HP-450M06020 | 张紧罗拉轴          | テンションローラーシャフト | tension roller shaft | 2    |         |
| 21 | HP-450M06021 | 并行罗拉轴          | 並ローラーシャフト     | roller shaft         | 4    |         |
|    |              |                |               |                      |      |         |
|    |              |                |               |                      |      |         |
|    |              |                |               |                      |      |         |
|    |              |                |               |                      |      |         |
|    |              |                |               |                      |      |         |
|    |              |                |               |                      |      |         |
|    |              |                |               |                      |      |         |

## 7. 回转剥离装置 (表一)

| 序号 | 部品编号          | 部品名            | 部品名             | Parts name                        | Q'ty | 备注           |
|----|---------------|----------------|-----------------|-----------------------------------|------|--------------|
| 1  | HP-450MS07001 | 剥离回转轴同螺钉侧压板    | 回転剥離羽根止め板       | brade stopper                     | 4    |              |
| 2  | HP-450MS07002 | 旋转玻璃刮板         | 回転剥離羽根          | rotary strip off brade            | 8    |              |
| 3  | HP-450MS07003 | 剥离回转轴带螺纹压板     | 回転軸止め側          | rotary shaft stopper side         | 4    |              |
| 4  | HP-450MS07004 | 内六角圆柱头螺丝 M5*15 | 六角穴付きネジ         | hex holed screw                   | 8    |              |
| 5  | HP-450MS07005 | 标准型弹簧垫圈 M5     | バネ座金            | spring washer                     | 12   |              |
| 6  | HP-450MS07006 | 带座轴承           | ピロ              | pyro                              | 4    | SU08         |
| 7  | HP-450MS07007 | 清洗用方管          | クリーナーパイプ        | cleaner pipe                      | 2    |              |
| 8  | HP-450MS07008 | 清洗用方管螺母        | パイプエンドメタル       | pipe end metal                    | 2    |              |
| 9  | HP-450MS07009 | 六角螺母 M8        | 六角ナット           | hex nut                           | 4    |              |
| 10 | HP-450MS07010 | 标准型弹簧垫圈 M8     | バネ座金            | spring washer                     | 2    |              |
| 11 | HP-450MS07011 | 平垫圈 M8         | 平座金             | plain washer                      | 6    |              |
| 12 | HP-450MS07012 | 平垫圈 M10        | 平座金             | plain washer                      | 4    |              |
| 13 | HP-450MS07013 | 平垫圈 M6         | 平座金             | plain washer                      | 6    |              |
| 14 | HP-450MS07014 | 标准型弹簧垫圈 M6     | バネ座金            | spring washer                     | 2    |              |
| 15 | HP-450MS07015 | 六角螺母 M6        | 六角ナット           | hex nut                           | 3    |              |
| 16 | HP-450MS07016 | 无油轴承           | メタル             | metal                             | 1    | WC8*16*1.5   |
| 17 | HP-450MS07017 | 剥离张紧轮固定件       | 剥離テンションステー      | strip-off tension stay            | 1    |              |
| 18 | HP-450MS07018 | 无油轴承           | メタル             | metal                             | 1    | 06070        |
| 19 | HP-450MS07019 | 无油轴承           | メタル             | metal                             | 3    | WC6.4*12*1.5 |
| 20 | HP-450MS07020 | 外六角螺丝 M6*20    | 外六角ネジ           | hex screw                         | 1    |              |
| 21 | HP-450MS07021 | 十字沉头螺丝 M8*50   | プラスネジ           | raund head screw                  | 1    |              |
| 22 | HP-450MS07022 | 剥离固定件          | 剥離取り付けステー       | strip-off fixing stay             | 4    |              |
| 23 | HP-450MS07023 | 回转剥离链轮         | 回転剥離スプロケット      | rotary blade sprocket             | 2    |              |
| 24 | HP-450MS07024 | 内六角凹端紧定螺钉 M5*5 | 六角穴付き止めネジ       | hex holed set screw               | 4    |              |
| 25 | HP-450MS07025 | 链条             | チェーン            | chain                             | 1    | 25#          |
| 26 | HP-450MS07026 | 无油轴承           | メタル             | metal                             | 2    | 06040        |
| 27 | HP-450MS07027 | 回转剥离张紧链轮       | 回転剥離テンションスプロケット | rotary strip-off tension sprocket | 1    |              |
| 28 | HP-450MS07028 | 内六角圆柱头螺丝 M6*40 | 六角穴付きネジ         | hex holed screw                   | 1    |              |

## 7. 回转剥离装置 (表二)

| 序号 | 部品编号          | 部品名            | 部品名           | Parts name                        | Q'ty | 备注     |
|----|---------------|----------------|---------------|-----------------------------------|------|--------|
| 29 | HP-450MS07029 | 剥离张紧弹簧         | 剥离テンションスプリング  | strip-off tension spring          | 1    |        |
| 30 | HP-450MS07030 | 内六角圆柱头螺丝 M6*50 | 六角穴付きネジ       | hex holed screw                   | 1    |        |
| 31 | HP-450MS07031 | 回转剥离驱动链轮       | 回転剥离駆動用スプロケット | rotary strip-off driving sprocket | 1    |        |
| 32 | HP-450MS07032 | 滚针轴承           | ベアリング         | bearing                           | 1    | HF1616 |
| 33 | HP-450MS07033 | 驱动剥离轴环(B)      | 駆動剥离カラー(B)    | coller                            | 1    |        |
| 34 | HP-450MS07034 | 外六角螺丝 M8*50    | 外六角ネジ         | hex screw                         | 1    |        |
| 35 | HP-450MS07035 | 剥离回转轴          | 回転剥离シャフト      | rotary strip-off shaft            | 2    |        |
| 36 | HP-450MS07036 | 轴承             | ベアリング         | bearing                           | 2    | 6203   |
| 37 | HP-450MS07037 | 下驱动罗拉          | 駆動ローラー(下)     | driving roller(lower)             | 1    |        |
| 38 | HP-450MS07038 | 锁紧螺母 M8        | 六角Uナット        | hex U-nut                         | 2    |        |
| 39 | HP-450MS07039 | 清洗用弹簧          | スプリング         | spring                            | 2    |        |
| 40 | HP-450MS07040 | 剥离器安装板下        | 回転剥离ステー(下)    | rotary strip-off stay(lower)      | 1    |        |
| 41 | HP-450MS07041 | 剥离器安装板上        | 回転剥离ステー(上)    | rotary strip-off stay(upper)      | 1    |        |
| 42 | HP-450MS07042 | 无油轴承           | メタル           | metal                             | 2    | 08060  |
| 43 | HP-450MS07043 | 内六角圆柱头螺丝 M8*50 | 六角穴付きネジ       | hex holed screw                   | 2    |        |
| 44 | HP-450MS07044 | 平垫圈 M5         | 平座金           | plain washer                      | 4    |        |
| 45 | HP-450MS07045 | 十字盘头螺丝 M5*10   | ナベ小ネジ         | pan screw                         | 4    |        |
| 47 | HP-450MS07047 | 内六角凹端紧定螺钉 M6*8 | 六角穴付き止めネジ     | hex holed set screw               | 16   |        |
| 48 | HP-450MS07048 | 轴承用垫圈          | ワッシャー         | washer                            | 1    |        |
| 49 | HP-450MS07049 | 轴承用波形弹簧垫圈      | 波型ワッシャー       | washer                            | 2    |        |
|    |               |                |               |                                   |      |        |
|    |               |                |               |                                   |      |        |
|    |               |                |               |                                   |      |        |
|    |               |                |               |                                   |      |        |
|    |               |                |               |                                   |      |        |
|    |               |                |               |                                   |      |        |
|    |               |                |               |                                   |      |        |
|    |               |                |               |                                   |      |        |

## 8. 罩壳

| 序号 | 部品编号         | 部品名          | 部品名      | Parts name            | Q'ty | 备注 |
|----|--------------|--------------|----------|-----------------------|------|----|
| 1  | HP-450M08001 | 本体盖板(A)      | 上部カバー    | upper cover           | 1    |    |
| 2  | HP-450M08002 | 隔热钣金         | 断熱カバー    | adiabatic cover       | 1    |    |
| 3  | HP-450M08003 | 侧面钣金         | フレーム     | frame                 | 1    |    |
| 4  | HP-450M08004 | 后罩壳钣金        | 本体下部カバー  | body lower cover      | 1    |    |
| 5  | HP-450M08005 | 操作面本体盖板(B)   | 操作パネルカバー | operation panel cover | 1    |    |
| 6  | HP-450M08006 | 两侧观察口钣金      | 蓋        | lid                   | 2    |    |
| 7  | HP-450M08007 | 操作面壳观察口钣金    | 蓋        | lid                   | 2    |    |
| 8  | HP-450M08008 | 隔热轴环         | 蓋        | lid                   | 4    |    |
| 9  | HP-450M08009 | M5*70螺纹杆     | 両切りボルト   | bolt                  | 4    |    |
| 10 | HP-450M08010 | 平垫圈 M8       | 平座金      | plain washer          | 3    |    |
| 11 | HP-450M08011 | 标准型弹簧垫圈 M8   | バネ座金     | spring washer         | 2    |    |
| 12 | HP-450M08012 | 六角螺母 M8      | 六角ナット    | hex nut               | 1    |    |
| 13 | HP-450M08013 | 外六角螺丝 M8*80  | 外六角ネジ    | hex bolt              | 1    |    |
| 14 | HP-450M08014 | 帽形螺母 M8      | キャップナット  | cap nut               | 1    |    |
| 15 | HP-450M08015 | 平垫圈 M6       | 平座金      | plain washer          | 6    |    |
| 16 | HP-450M08016 | 平垫圈 M5       | 平座金      | plain washer          | 7    |    |
| 17 | HP-450M08017 | 标准型弹簧垫圈 M5   | バネ座金     | spring washer         | 7    |    |
| 18 | HP-450M08018 | 外六角螺丝 M5*35  | 外六角ネジ    | hex bolt              | 2    |    |
| 19 | HP-450M08019 | 十字盘头螺丝 M5*10 | ナベ小ネジ    | pan screw             | 5    |    |
| 20 | HP-450M08020 | 标准型弹簧垫圈 M6   | バネ座金     | spring washer         | 2    |    |
| 21 | HP-450M08021 | 六角螺母 M6      | 六角ナット    | hex nut               | 4    |    |
| 22 | HP-450M08022 | 外六角螺丝 M6*16  | 外六角ネジ    | hex bolt              | 2    |    |
| 23 | HP-450M08023 | 平垫圈 M4       | 平座金      | plain washer          | 15   |    |
| 24 | HP-450M08024 | 标准型弹簧垫圈 M4   | バネ座金     | spring washer         | 15   |    |
| 25 | HP-450M08025 | 十字盘头螺丝 M4*10 | ナベ小ネジ    | pan screw             | 15   |    |
|    |              |              |          |                       |      |    |
|    |              |              |          |                       |      |    |
|    |              |              |          |                       |      |    |

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# 10. 电 装 ( 表 一 )

| 序号 | 部 品 编 号      | 部 品 名     | 部 品 名         | Parts name             | Q'ty | 备 注 |
|----|--------------|-----------|---------------|------------------------|------|-----|
| 1  | HP-450M10001 | 空气开关      | ブレーカー         | breaker                | 1    |     |
| 2  | HP-450M10002 | 电 容       | コンデンサー        | condencer              | 2    |     |
| 3  | HP-450M10003 | 接触器       | マグネットスイッチ     | magnet                 | 1    |     |
| 5  | HP-450M10005 | 固态继电器     | SSR           | SSR                    | 1    |     |
| 6  | HP-450M10006 | PCB板      | コントロール基盤      | control PCB            | 1    |     |
| 7  | HP-450M10007 | 线槽        | カッティングダクト     | cutting duct           |      |     |
| 8  | HP-450M10008 | 调速箱       | スピードコントローラー   | speed controller       | 1    |     |
| 9  | HP-450M10009 | 电源开关      | 電源スイッチ        | power unit             | 1    |     |
| 10 | HP-450M10010 | 驱动电容      | 駆動コンデンサー      | condencer              | 1    |     |
| 11 | HP-450M10011 | 驱动马达      | 駆動モーター        | driving motor          | 1    |     |
| 12 | HP-450M10012 | 热电偶       | ヒーターセンサー      | heater sensor          | 1    |     |
| 14 | HP-450M10014 | 加热板安装固定件A | ヒーター取り付けステーA  | heater fixing stay     | 2    |     |
| 15 | HP-450M10015 | 异形弹簧      | 割りピン          | pin                    | 1    |     |
| 16 | HP-450M10016 | 平垫        | 平座金           | plain washer           | 2    |     |
| 17 | HP-450M10017 | 加热板安装固定件B | ヒーター取り付けステーB  | heater fixing stay     | 2    |     |
| 18 | HP-450M10018 | 加热板安装辅助件  | ヒーター取り付け補助ステー | heater fixing sub stay | 4    |     |
| 19 | HP-450M10019 | 加热板       | ヒーター板         | heater                 | 2    |     |
| 20 | HP-450M10020 | 加热板销      | ピン            | pin                    | 2    |     |
| 21 | HP-450M10021 | 外六角组合螺丝   | 六角セットネジ       | hex set screw          | 2    |     |
| 22 | HP-450M10022 | 锁紧螺母      | 六角Uナット        | hex U-nut              | 2    |     |
| 23 | HP-450M10023 | 限位开关      | リミットスイッチ      | limit switch           | 12   |     |
| 24 | HP-450M10024 | 十字盘头螺丝    | ナベ小ネジ         | pan screw              | 22   |     |
| 25 | HP-450M10025 | 弹垫        | バネ座金          | spring washer          | 22   |     |
| 26 | HP-450M10026 | 平垫        | 平座金           | plain washer           | 22   |     |
| 28 | HP-450M10028 | 调偏开关固定件   | リミットスイッチステー   | limit switch stay      | 4    |     |
| 29 | HP-450M10029 | 组合螺丝      | セットネジ         | setting screw          | 8    |     |
| 30 | HP-450M10030 | 蛇行修正马达    | 蛇行修正モーター      | motor                  | 2    |     |
| 31 | HP-450M10031 | 温控器       | サーモスタット       | thermostat             | 1    |     |

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