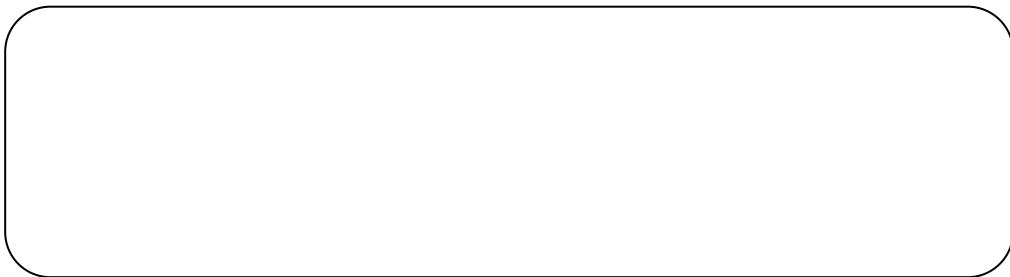


**SF-42B**



**SUNFUNG**  
**OPERATION MANUAL**



**INDEX**

Chapter 1 INTRODUCTION..... 1  
    1.1 Preface ..... 1  
    1.2 Specification..... 1  
Chapter 2 SAFETY ..... 2  
    2.1 Environment..... 2  
    2.2 Do’s and Don’ts..... 2  
    2.3 Caution ..... 3  
Chapter 3 MAIN PARTS AND ASSIES..... 4  
Chapter 4 PREPARATION ..... 6  
    4.1 Guide ..... 6  
    4.2 Tape set ..... 6  
Chapter 5 OPERATION ..... 7  
    5.1 Hand Mode ..... 7  
    5.2 Auto Mode..... 7  
    5.3 Heater temperature adjustment ..... 8  
    5.4 If the item can not be sensed..... 9  
Chapter 6 OPTIONAL PARTS..... 10  
    6.1 Jumbo roll tape feed stand..... 10  
        6.1.1 Description..... 10  
        6.1.2 Installation ..... 11  
        6.1.3 Roller set. .... 12  
Chapter 7 TROUBLE SHOOTING ..... 13  
Chapter 8 MAINTENANCE ..... 15

# Chapter 1 INTRODUCTION

## 1.1 Preface

SUNFUNG, the SF-42B, is designed simply for banding job for printed products or so with paper or plastic tape.

The advantage of this SF-42B is that the user do not need to wait for heating. Banding job is available immediately powered.

High speed banding, with both Auto mode and Hand mode for different customer need.

Beautiful fusing job on tape surface

## 1.2 Specification

<u>Min banding size</u>	<u>35mm(W)*15mm(H)</u>
<u>Max banding size</u>	<u>400mm(W)*200mm(H)</u>
<u>Speed</u>	<u>26 time/min</u>
<u>Warm up time</u>	<u>Nearly 0 sec</u>
<u>Net weight</u>	<u>36kg</u>
<u>Dimension</u>	<u>530mm(H)*300mm(W)*490mm(H)</u>
<u>Power supply</u>	<u>AC 220V/200W</u>
<u>Tape width</u>	<u>30mm</u>

**Note: The machine is keep upgrading, specification and information in this manual are updated as per the change without notice.**

## Chapter 2 SAFETY

Before or while operating this machine, you should pay great attention to the safety.

### 2.1 Environment

Temperature: 5°C to 35°C

Humidity: 20%RH to 85%RH

Altitude: Below elevation 1000m

Gradient of Temperature: Below 10°C C/H

Gradient of Humidity: Below 20%R/H

There is no corrosiveness gas, flammable gas, oil mist and so on in room

Not too much dust, and not too wet in the room

### 2.2 Do's and Don'ts



**Do-**Read this manual and fully understand before the operation.



**Do-**Check the *plug* and *machine voltage and cycle rating fit* to your main supply, and that the socket has a correct working earth lead for this single insulated machine



**Do-**open or close the gate slowly



**Do-**disconnect the power before clean the inner machine.



**Do-**remove the cord if you won't use the machine for a long while,



**Don't-**install the machine on an unstable ground.



**Don't-**operating with wet hand, especially plug or unplug the cord.



**Don't-** wear long hair, no loose fitting clothes or put your fingers into the creasing unit nip, while the operation..



**Don't**-place any receptacles with any liquid on any surface of machine.



**Don't**- put other pieces, especially tiny pieces on the machine



**Don't**-alter or uninstall the machine, unless by *SUNFUNG* authorized engineer.



**Don't**-touch any running parts



**Don't**-shut down the machine while running.



**Don't**-put heavy matter on machine or shock it.

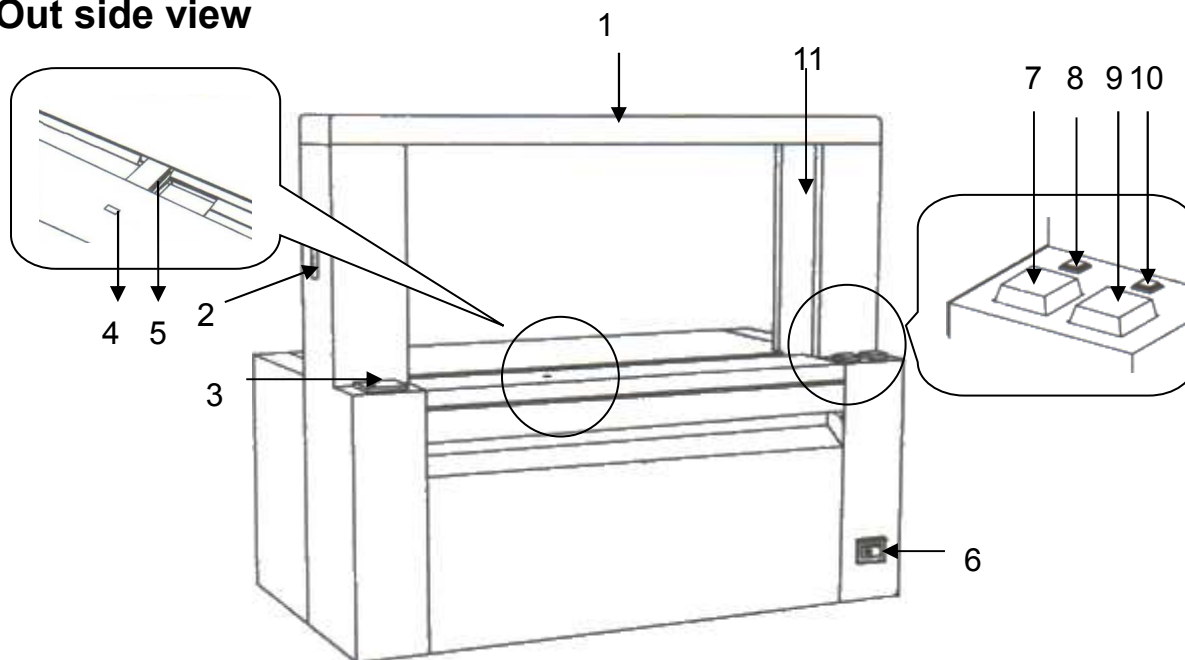
## 2.3 Caution

Be careful of any metal or flammable thing in internal machine, or it may cause fire or electronic shock. if it happens, first shut down the power, disconnect the cord, then contact the technician .

If the machine become heat, smoke, or smelly, Shutdown at once, disconnect the cord, and contact the maintenance staff.

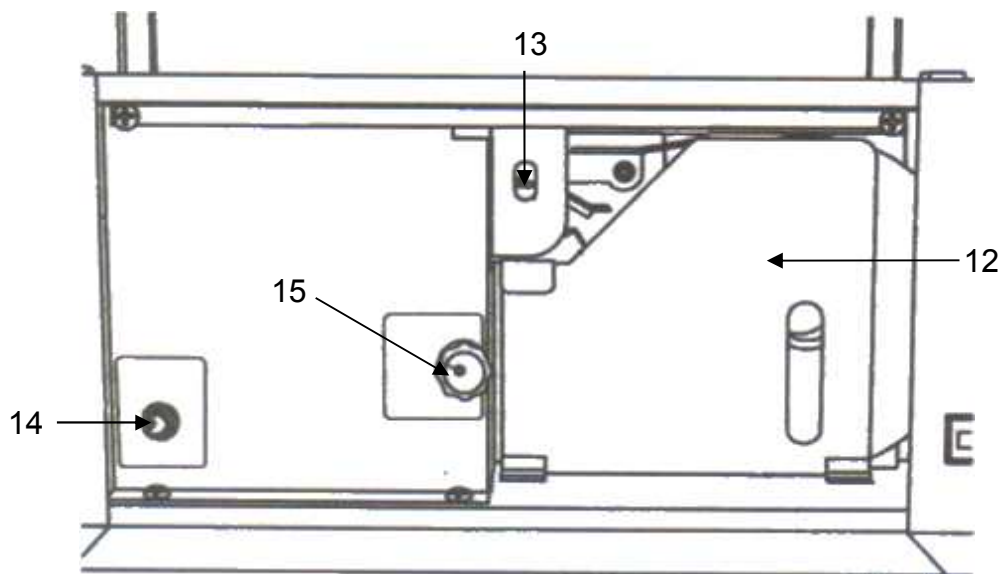
# Chapter 3 MAIN PARTS AND ASSIES

## Out side view



No.	Parts	Description
1	Arch frame	The tape goes round inside
2	Guid switch	Push it down to release the tape guid
3	Start button	To start the band in hand mode
4	Item sensor	Only if the sensor find sth, the banding is possible
5	Hold plate	To hold that to be plated
6	Power switch	Turn on/off the machine
7	Tape feed button	Press to feed the tape round the arch frame
8	Tape set lamp	It will lit if the tap is fed, and it blink if not
9	Auto mode button	Press to shift the mode between hand and auto
10	Auto start lamp	It will lit in auto mode
11	Tape guide	To guide the paper when it goes round

### Inside View



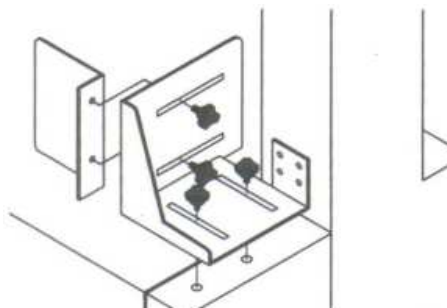
No.	Parts	Description
12	Tape cove	To protect the cover from move aside
13	Tape infeed handle	To help the tape infeed
14	Heater knob	Turn clockwise to increase the temperature, anti-clockwise to decrease
15	Tension knob	Turn clockwise to increase the banding tension, anti-clockwise to decrease

### Attachment

No.	Parts	Drawing	Description
1	Specification book		The book you are reading
2	Tape		Banding tape(brown packing paper)
3	Guide		To fix the position of banded staff
4	Tool for heater sheet installing		You will need it when installing the heater sheet

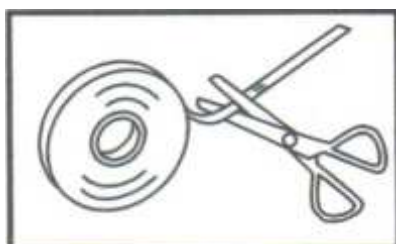
# Chapter 4 PREPARATION

## 4.1 Guide

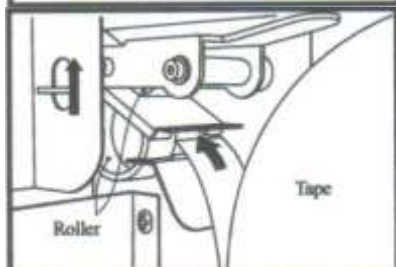


Install the guide with 4 stud, the sliding hole make them movable, so as to accord different dimensions of item to be banded.

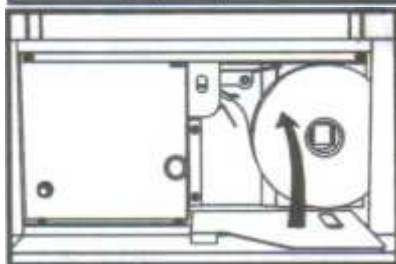
## 4.2 Tape set



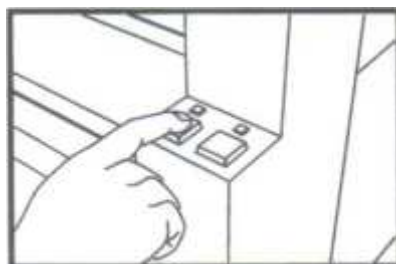
1. Scrape the end of the tape, cut off the adhesive part. (If the adhesive part remains, or the end is curled, the tape may jam in the guid)



2. Mind the tape direction, set the tape roll, tick up the *tape infeed handle*, and fix the tape end between the rollers



3. Close the tape cover, This have to be done before tape feed, or the tape will become a mess.



4. Turn on the machine, press the Tape feed button. The tape will be feed, and the table set lamp will stop blink but keep lit.



## Chapter 5 OPERATION

### 5.1 Hand Mode

1. Mind the *auto mode lamp*, If it is **lit**, please press the auto mode button to make it **off**.
2. Put the item to be banded on the hold plate, make sure it is against the guide and cover the sensor.



3. Press the start button , and the machine will make the band. Thereafter, the tape will be fed automatically.



4. remove the item after the beep

### 5.2 Auto Mode

1. Mind the *auto mode lamp*, If it is **off**, please press the auto mode button to make it **lit**.
2. Put the item to be banded on the hold plate, once the sensor find sth, the

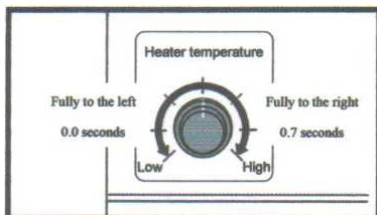
machine will do the banding automatically. So ,in auto mode, the user should be quick and precise.

3. remove the item after the beep

### 5.3 Heater temperature adjustment

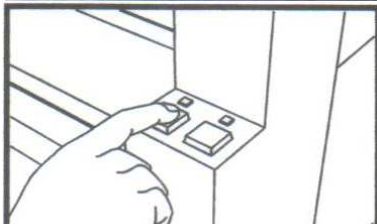
The heater knob that adjust the heater temperature, in fact, is an adjustment of sensor time, which is the time between **the sensor find the item** and **next auto tape feed**. the longer the time, the higher the temperature will be.

The time is adjustable from 0-0.7 sec. (DO **NOT** set it 0, because it may cause the machine repeat banding as there is no sensor time ) Factory set is 0.4 sec, if you want to change it, please do it as follow:

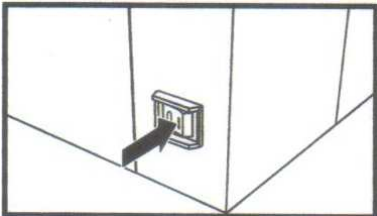


1. Cut off the power

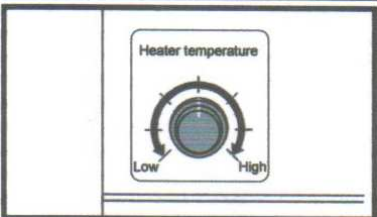
2. Turn the heater knob to wanted position



3. Press the Tape feed button, and don't release.

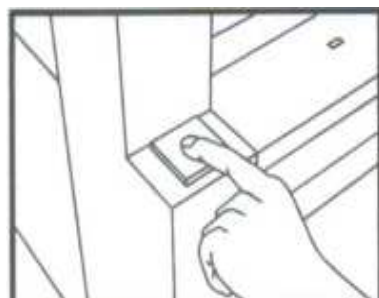


4. Turn on the power



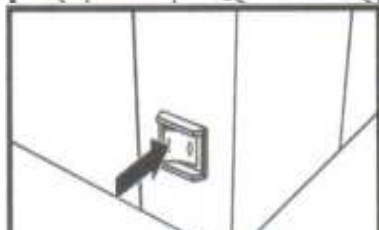
This setting will not change if the power is off

## 5.4 If the item can not be sensed

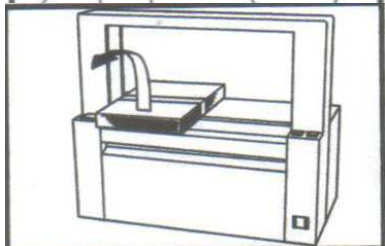
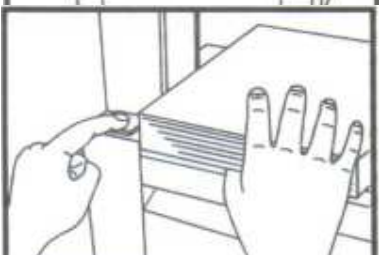


Sometimes, the sensor can not find the item even if it is in right place, when the item is black or transparent. There is a skill for banding this kind. However, Auto mode is not avail under this skill.

1. Turn off the power, in 2-3 sec, turn on the power while press the start button, then release the start button



2. Make sure the tape set lamp, and put the item on, Press the start button, and the banding will be done.



3. remove the item after the beep

## Chapter 6 OPTIONAL PARTS

### 6.1 Jumbo roll tape feed stand

#### 6.1.1 Description

The diameter of Normally used tape of Standard machine of SUNFUNG is about 20m ,the tape length is only about 200m,however,if this figure can not satisfy, you can use a jumbo roll whose total length can be over 1000m.But you need to add the optional parts, the jumbo roll tape feed stand.



stand



machine with stand SF-42BS

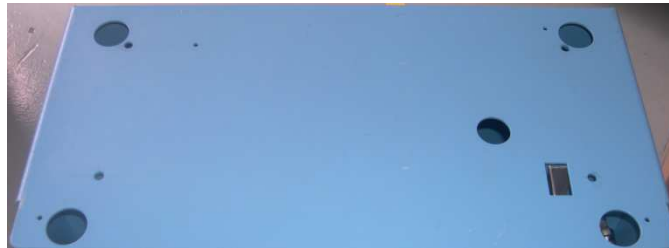
## 6.1.2 Installation

In order to install the machine onto the stand.

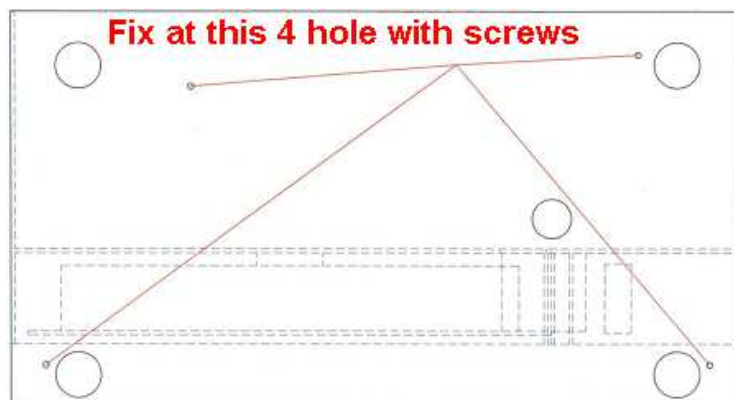
1. Disassemble the rear cover of the stand



2. Move the machine body onto the stand with at least 2 staff.

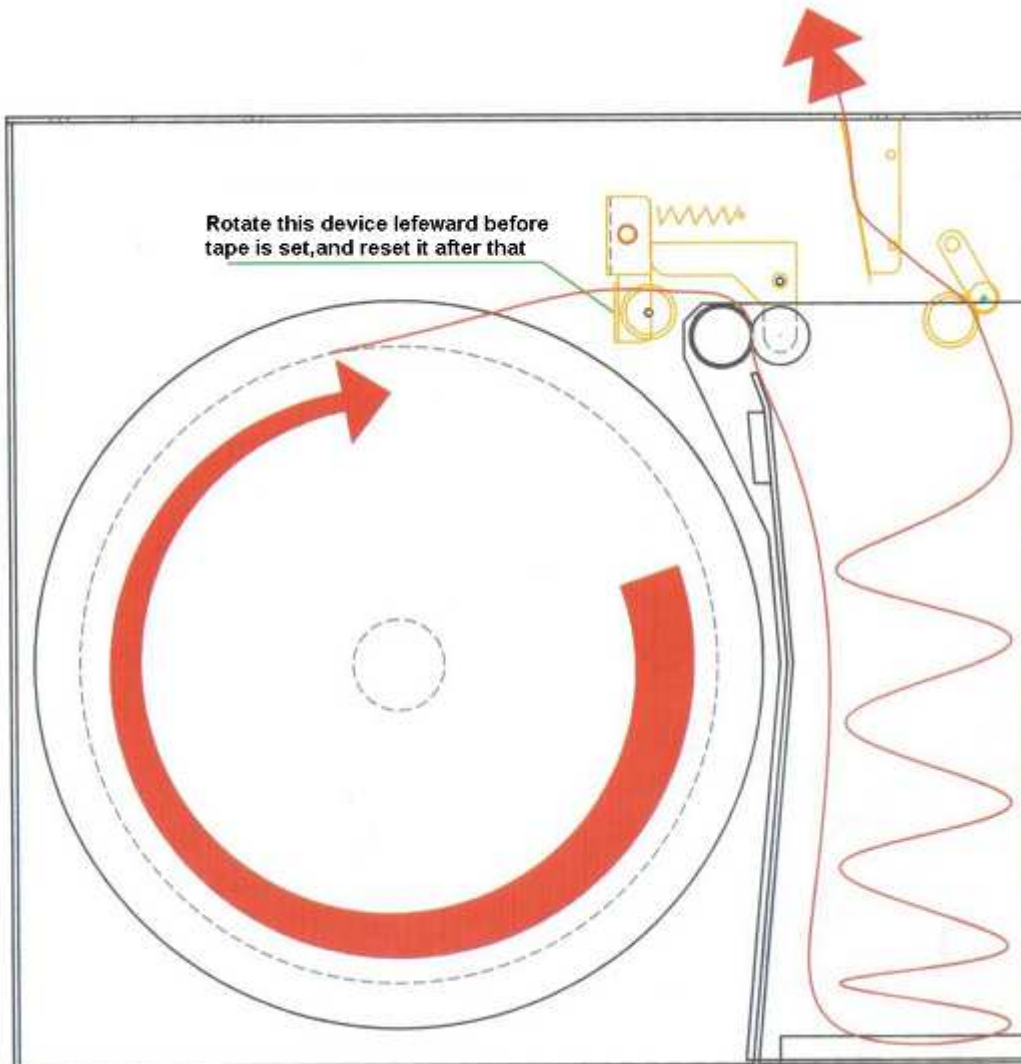


3. Fix them from inside of the stand as following drawing with screws.



### 6.1.3 Roller set.

Make sure the stand is not powered, install the jumbo roll on, and set the tape as following drawing.



# Chapter 7 TROUBLE SHOOTING

## 1.The machinery do not run

Description	Cause	solution
Tape set lap is not lit or blinking	Power cord is not plug	Plug the cord
	Power is not on	Turn on the machine
Tape set lamp is blinking	Tape is not there	Put tape in
	Tape is stopped in the guid	Press the tape feed button, and finish the set
	Tape is stopped in the guid and fall out	Reset the tape
	Initial position of machinery is disordered	Press start button
Tape set lamp is lit	Item can not be sensors	Refer to 5.4

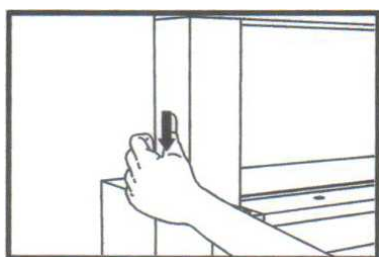
## 2.The machinery runs abnormally

Description	Cause	solution
Auto start not under control	Sth else covered the sensor	Remove the thing
Tape can not be cut	Cutter life problem	Contact the distributor and replace the cutter

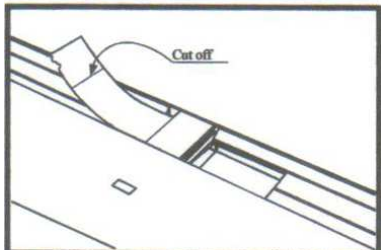
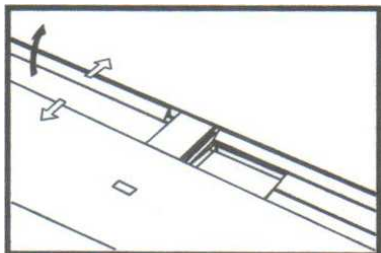
## 3.Butt fusion problem

Description	Cause	solution
Weak fusion	Tape feed in wrong direction	Reset in right direction
	Low heater temperature	Turn up the temperature
	Heater life problem	Contact the distributor and replace the heater
Can not fuse in auto mode	Item can not be sensors	Do not use auto mode
Scorch or smoke at fuse point	Temperature too high	Turn down the temperature

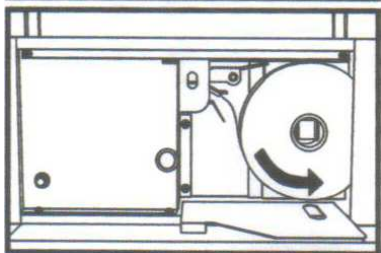
## 4.Tape is jammed in guid



1. Press the guid switch down, remove the jamped tape from the guid



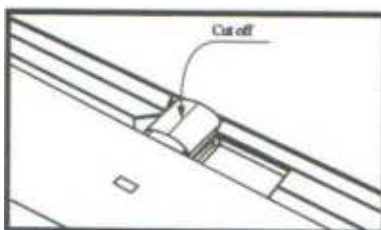
2. Cut the end off if it is twisted or curled



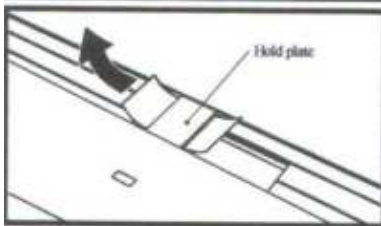
3. Remove the tape

4. Reset the tape ref to 4.2

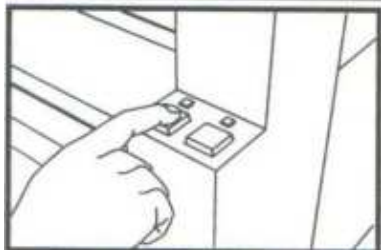
### 5. When Tape is rolling around the hold plate



1. Cut the tape above the hold plate



2. Remove the residual, in direction of the arrow.



3. Press the tape feed button and finishing the set.  
If it failed, please refer 7.4

Note: Be careful of that the finger may injured between the guid.



## Chapter 8 MAINTENANCE

### 1. About the cleaning

- a. Clean the sensor often with clean dry cloth
  
- b. For dirt on the cover , please first clean with wax, and then dry cloth

### 2.About the consumable parts

The cutter, heater and tape are consumable parts for SUNFUNG, Please replaced with SUNFUNG offered ones. The warranty is not available for any parts that not offered by SUNFUNG or any damage result from non-SUNFUNG offered parts.