T2C
TAPE CUSTOM CONVERTING

Swiss Cut HA900

User's guide

CE

Thank you for purchasing T2C Swiss Cut automatic dispenser. Swiss Cut is a compact dispensing system compatible with many types of tapes, including very thin tapes.

For your safety, please keep this manual for reference, retraining and trouble shooting.

Contents

Precautions

Do not plug in, unplug the cord or operate the machine with wet hands.

Never insert your finger, or any other part of your body.

Keep hair or loose clothing away from the machine while it is operating.

This machine is intended for industrial use only. Do not allow untrained persons and children to operate this machine.

Turn off the power switch and unplug machine prior to replacing the blade or performing any maintenance of the machine.

Do not use the machine for anything other that its specidied applications.

Do not use this machine in humid environments.

This machine must not be dissasambeled or remodeled.

When you unplug the cord, hold the plug.
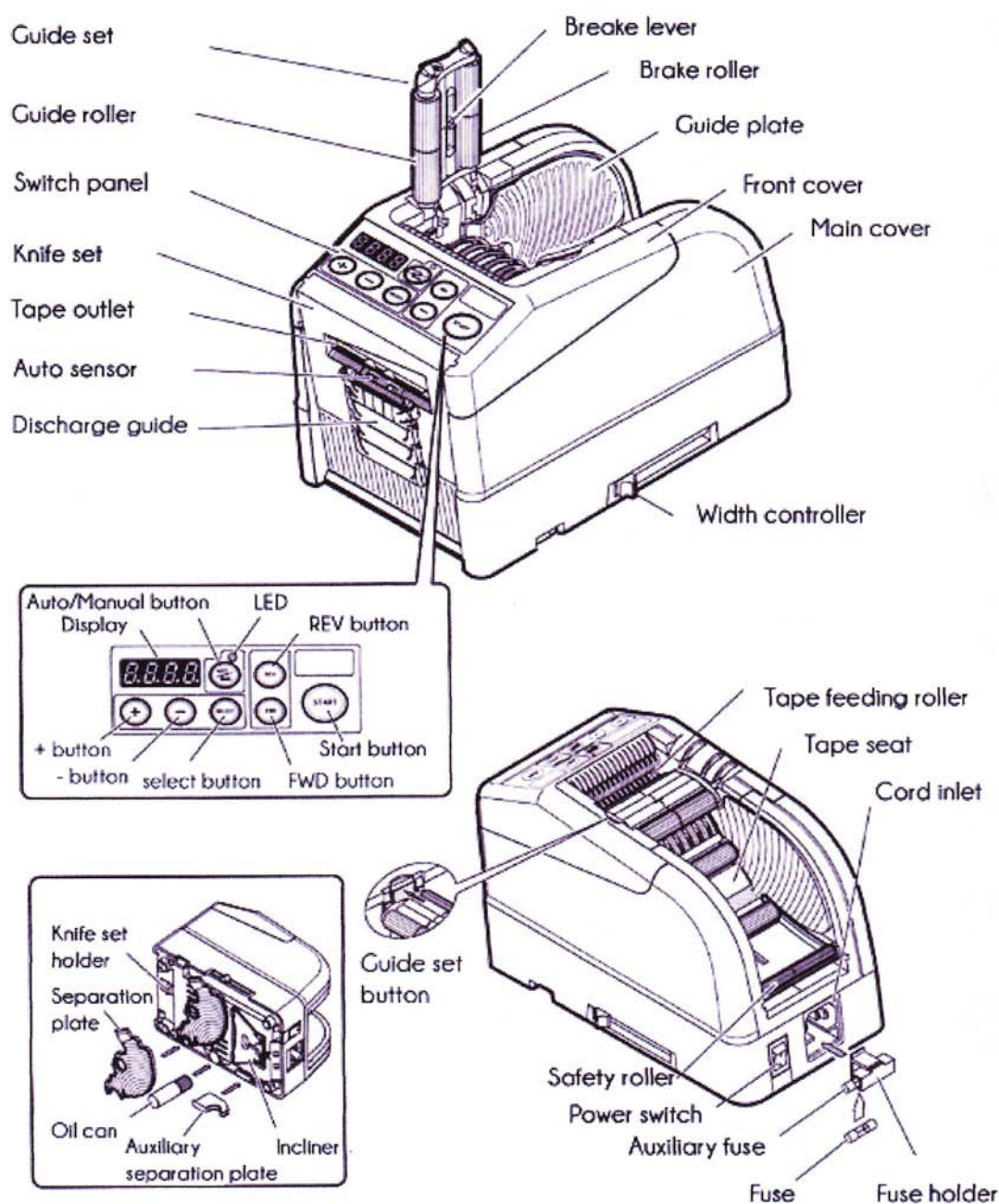
Do not put waste into the label outlet.

Professional should stay by the machine at all times while it is running.

Put in the power plug tightly.

Identification of parts

Guide set

Guide roller

Switch panel

Knife set

Tape outlet

Auto sensor

Discharge guide

Breake lever

Brake roller

Guide plate

Front cover

Main cover

Width controller

Auto/Manual button   LED
Display   REV button

+ button
- button   select button   FWD button
Start button

Knife set holder

Separation plate

Oil can
Auxiliary separation plate   Incliner

Guide set button

Tape feeding roller

Tape seat

Cord inlet

Safety roller
Power switch
Auxiliary fuse

Fuse   Fuse holder

-4-

Loading the tape roll

- Insert the AC cord into the inlet of the main body.
- Plug in the earth terminal.
- Turn on the product.
  > When turned on, the product begins to make a sound while the length to cut tape displayed.
  > When turned on, the product is in manual mode.
- Open the guide set by pressing the guide set button.
- Put tape on the tape seat.
- Adjust the guide plate by moving the width controller.
  >Guide plates should allow the tape to roll smoothly.
  >When mounting a wide tape, pull the safety roller enough so that the tape does not fall.
- Mount the tape with the glue side down under the guide roller.
- Press the FWD until the tape is out of the outlet.
  >In case of a highly adhesive tape, roll it out enough before mounting it and pressing the FWD.
- For your safety the guide roller operates slowly until the tape reaches the outlet. Then, it begins to operate at a normal speed.
- Close the guide set once the tape is fully mounted.
- Press the start button.
- If the cut button is pressed right after the FWD, the cutter cuts the tape out of the outlet. Please remove the part of the tape cut. set the product according to the next page and press start button, and the product begins to operate at a mode set.
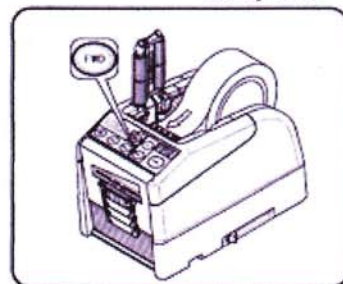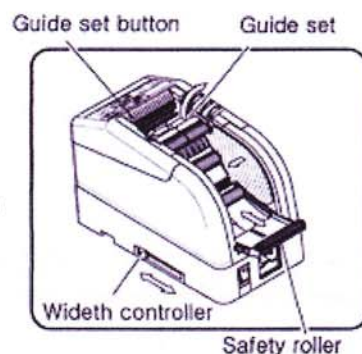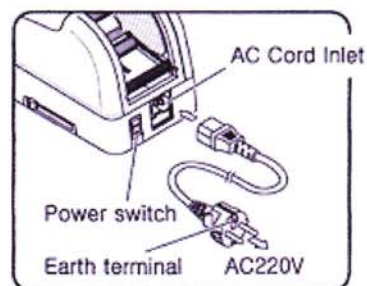
> Be sure the glue side of the tape looks down when mounting the tape. Otherwise, the tape might not roll smoothly.

AC Cord Inlet
Power switch
Earth terminal   AC220V

Guide set button   Guide set

Wideth controller
Safety roller

Setting the tape length

- Check if the length you want is displayed.
  > The length to cut tape is displayed with A to F and numbers.
- Set the length to cut the tape.
  > Set the length by pressing the + or - button.
  > With this product, you can set 6 types of length. Select one among A
    to F by pressing the Select button short and set the length to cut tape.
    (cut range 5mm to 999mm)
  > Basic length is set like following - A : 30, b : 40, c : 0 , d : 0, E : 0,
    and F : 0
  > 1mm increase or decrease everytime the + or - button is pressed short.
   Pressed long, 5mm.

Setting the cutting length

(+) UP
(-) DOWN
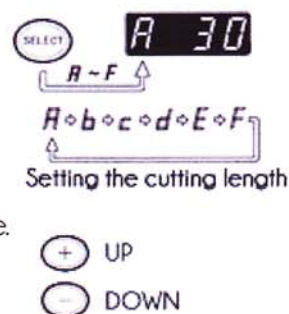
Setting the modes

This machine has the following 4 functions.
A user of this product can do various works by setting a mode desired.

LED

Push the button briefly

Auto/Manual mode

The Auto/Manual button push briefy and please switch to an automatic
mode or passive mode.
 > Because it is switched to a Program mode if push the button more than 1
sec.

Manu ○ LED off

Feeding the tape
Cutting/stand by
Using the tape
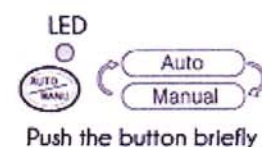
Manual mode - LED off

- Check the LED is off
  > If the LED is on or blinking, please turn it off.
- By pressing START button, the unit cuts once, than it rests in a stand-by
  mode.

Auto

● Blinking when changed
○ On in operation
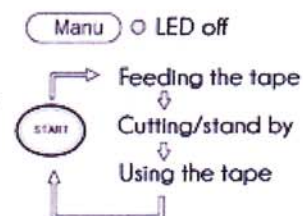
Auto mode - LED on

- Check the LED is blinking.
  > If the LED is off, press the Auto/Manual button briefly to make the LED
    blink.
- Pressing the START button cuts the tape. Than the unit rests in stand-by.
  > Check if the LED is on when cut tape waits in the Tape outlet.
  > Removing the tape standing-by at the Tape outlet, the unit automati-
    cally cuts the next part of the tape and the process repeats.

Feeding the tape
Cutting/Stand by
Using the tape
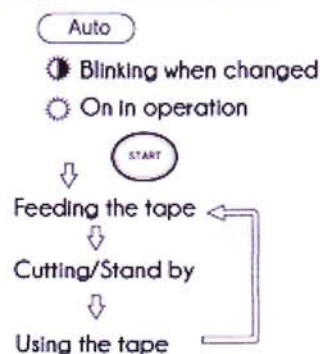
P mode (Countdown mode)

When the preset number of cuts is cut, the buzzer informs you. This mode is available automatically and manually. Setting is available up to 999.

- Select the desired cutting length (A to F) by pressing the Select button.
- Press the select button more than 1 sec, Lcon is displayed
- Press the select button briefely again, P mode is on.
  > P is shown on the display.
- Set the number desired by pressing the +/- button.
- Select the mode by pressing Auto/manual button.
- Pressing the START button cuts the tape and the unit standby.
- Everytime the tape is out, the number of cutting remaining is displayed.
- When 0 is displayed, the buzzer alarms.
  > After the buzzing, the number set first is displayed.
  > At the automatic mode, remove the tape after the buzzing.
  > When the tape is removed before the buzzing, the LED starts blinking. Than press START to move and cut the tape.
  > Press the Auto/manual button to change the mode while processing.

L mode (Consecutive cutting mode)

Setting the number and pressing the START button, unit operates without stopping until the program is over and the unit buzzes.
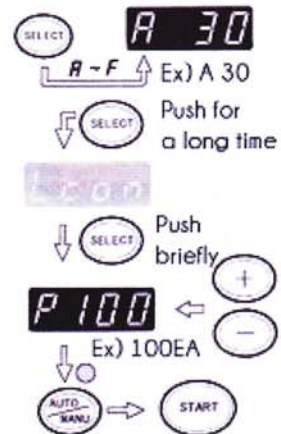Setting is available up to 999.

- Setting the cutting length desired (A to F) by pressing the Select button.
- Push the Select button more than 1 sec, Lcon is displayed.
- Set the number desired by pressing the +/- button.
- Pressing the START button , the unit cuts the tape repeatedly displaying the number.
- When 0 is displayed, the unit buzzes and stops.
- After the buzzing, the number set first is displayed.
- If the unit needs to be paused, press the START button.
- If the tape needs to be cut regardless of the number, press the START button with Lcon displayed.

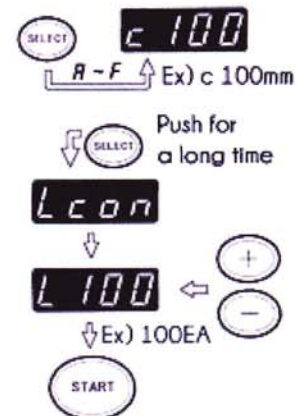# Program mode (Sequentially cutting mode)

This mode cuts tape in order programmed beforehand.
- Push the Auto/Manual button more than 1 sec, the first segment of the display is marked with a dot and the Program mode is on.
  > Cutting by up to six kinds of different lengths is available.
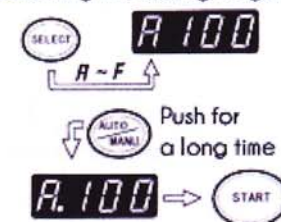 > The length of the tape cut is displayed on the Display.

Checking the cutting length

A 30   A ~ F   Ex) A 30
SELECT   Push for a long time
Lcon
SELECT   Push briefly
P 100 ⇐ +/−
Ex) 100EA
AUTO/MANU ⇒ START

Checking the cutting length

c 100   A ~ F   Ex) c 100mm
SELECT   Push for a long time
Lcon
L 100 ⇐ +/−
Ex) 100EA
START

**Checking the cutting length**

A 100   A ~ F
AUTO/MANU   Push for a long time
A. 100 ⇒ START

Curling up the tape

- Raise the guide set by pressing the guide set button.
- Widen it by pushing the brake lever of the guide set.
- Close the guide set.
- When the tape is curled up in spite of using the, hold it stronger using the width controller.
  > The lengths of cutting and setting might be different depending on the type of tape and conditions of use. Than measure the tape cut and correct the difference.

Brake lever

Auxiliary separation plate

# When using two tapes
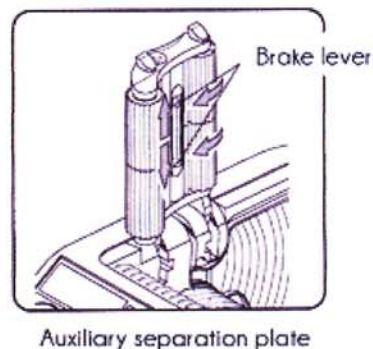
Separation plate

Guide set

- Take out the separation plate under the main body.
- Raise the guide set by pressing the guide set button.
- When using a tape below 10mm in width, insert the auxiliary separation plate.
  > Take out the auxiliary separation plate under the main body and insert it into the separation plate.
- Put the tape on the tape seat and adjust the guide plate by moving the width controller.
- Install the tape and set the desired mode.
  > When two tapes are used at the automatic mode, removing both of the tapes at the outlet makes the process repeat.
* Caution! Using two highly adhesive tapes might affect the motor and reduce its life span.
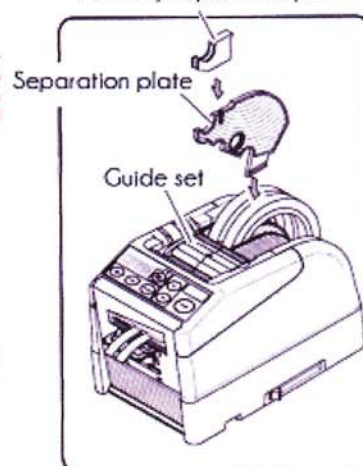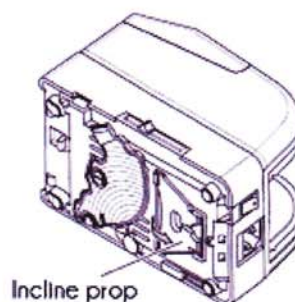
Other functions

Discharge guide plate

- Adjust its angledepending on the type or processing.
* Connection use is possible for long cuts.
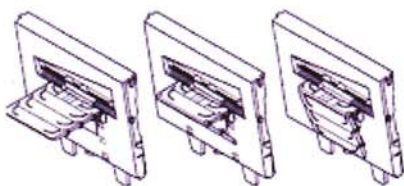
Incline prop

- Open it to incline the main body depending on the type of tape or processing.

Incline prop

Replacing the Cutter unit

> There is a risk of accidents.
> Before replacing turn it off and disconnect the power plug!

> The blades are very sharp.
> Be careful to avoid touching the blade area.

The cutter unit is a consumable item. Replace the cutter unit if condition worsens.

- Turn the product off.
- Raise and separate the Cutter unit by pulling the cutter holder to the front.
- Check if the lower side of a new cutter is parallel to the outlet.
- Insert the cutter unit into the main body and press it firmly to fix it.
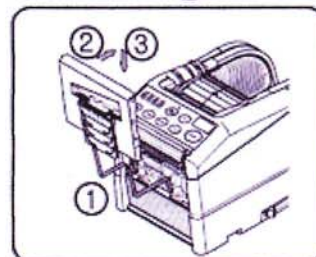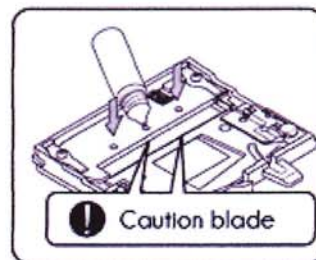
Checking the Cutter unit

Washing the cutter

Some tapes might cause glue or tape fragments to stick to the cutter.
In this case remove the cutter from the main body and wash it.

- Turn the product off and remove the cutter.
- Remove the sticky material with some alcohol and dry cloth.
- Install the cutter.

Lubrication of the cutter

For smooth operation of the product, regular lubrication is needed.

- Turn the product off and remove the cutter.
- Put some oil into the lubrication hole of the cutter
- Put some oil into the guide rail of the lower blade.
- Install the cutter unit.
- Wash off the overflown oil. (Make sure the oil does not overflow.)
- Do not forget to test drive before using the product.
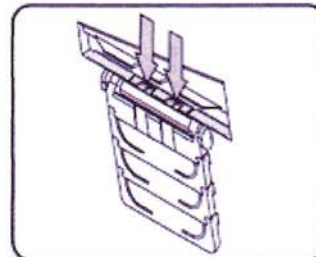
Around the auto sensor

The product cannot detect the tape if the sensor under the tape outlet is is dirty.

- Always keep the sensor clean.
- Be careful not to scratch the sensor when removing the tape fragments on it.

Washing the main body

Wipe the main body gently with water, never use organic solvents.

Checking and replacing the roller

The roller which is damaged or cannot be used any more can be easily replaced. Refer to the following when the tape is stuck at the outlet or not rolled out smoothly.

- Turn the product off first.
- Pull the cutter holder to the front and raise the Cutter unit to remove it from the Main body.
- Using both hands as shown in the figure, grab the Front cover and pull to the front, then unlock and open it.

  > Once the Front cover is opened, the safety switch is activated and the power is automatically turned off.

- Open the Guide set by pressing the guide set button.
  > Guide set, opens the front frame of the lock is released.
- The Front Frame set is separated from the main body.
  > Grab the front frame set and lift it from the body.
- Slide the Large Roller set towards back to remove it from F/Frame set.
- Remove the guide bar from the front frame set.
- Loosening the screw in the bottom center of the back of the frame in front of the point you can separate the left and right.
- Remove the sticky material or tape fragments on the roller.
- If the roller is heavily damaged or worn, replace it to the new one.
- Put some oil to the spinning axes at both ends of the front unit.
- Install the roller part to the main body.
- Install the cutter unit.
- Do not forget to test drive before using the product.
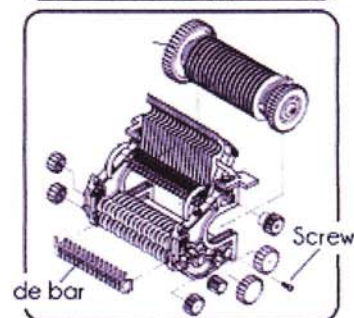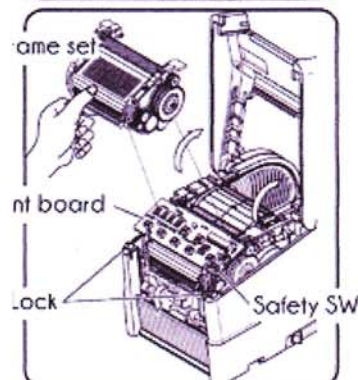
Error message

The following messages are displayed with buzzing and stopping of the unit.

E-02 Cutter location error

It is shown when the tape is stuck in the cutter part or the cutter is not correctly mounted in the main body.
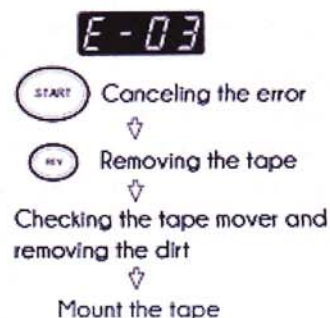
- Turn off the product.
- Pull the cutter holder to the front and raise the cutter unit to separate it.
- Turn on the product.
- Press the START button. (The cutter cam moves to the stand-by location)
- Press the FWD button and eject the tape. Than cut the tape out of the guide bar with scissors.
- Press the REV button pulling the tape byck to take it out.
- Clean the cutter set and put some oil to the lower blade guide.
- Mount the cutter unit to the main body.
- Install the tape according to the method mentioned before.
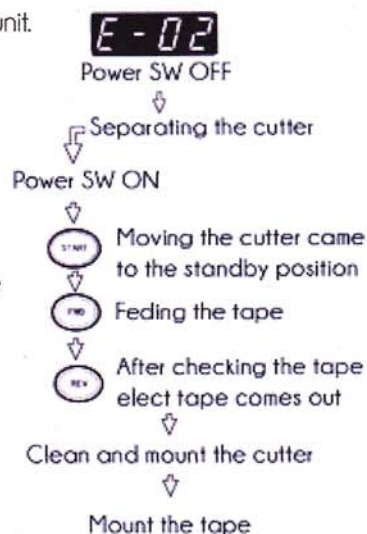
E-03 Motor stop

Sometimes the motor can be overloaded when feeding the tape.
- Cancel the error message by pressing the START button.
- Move the tape back by pressing the REV button and take it out.
- Check around the cutter or tape mover and remove the tape fragments with tweezers.
- Install the tape according to the method mentioned before.

`E - 02`

Power SW OFF
⇩
Separating the cutter
⇩
Power SW ON
⇩
(START) Moving the cutter came to the standby position
⇩
(FWD) Feding the tape
⇩
(REV) After checking the tape elect tape comes out
⇩
Clean and mount the cutter
⇩
Mount the tape

`E - 03`

(START) Conceling the error
⇩
(REV) Removing the tape
⇩
Checking the tape mover and removing the dirt
⇩
Mount the tape

> ❗ Be sure not to touch the blade when removing what caused the error.

> If the product does not function even after following the above or if the product malfunctions without any error message, turn it off and stop using it.

Malfunction

Please check the following before deciding the product is out of order.

|		
Not working with the power on	• AC cord disconnection. • Fuse disconnestion.	> Check if the cord is connected right > Replace the fuse to new one. If the fuse disconnection continues, stop using the product.
Next part of the tape not coming out even after removing one (auto mode)	• The manual mode is on. • The sensor is dirty. • The tape did not go through the sensor. • There is a light source close to the sensor. • A tape with extremely low reflexibility is used.	> Set the automatic mode. > Clean the product. > When using a tape less than 10mm wide, please use the separation plate. > Do not let the light source reach the sensor. > There are some tapes not available with the automatic mode.
Abnormal operation of the cutter.	• The cutter is installed wrong.	> Check if the cutter unit is correctly installed on the main body.
Difference between actual length and the set one.	• A highly adhesive tape is used. • A slippery tape is used. • An elastic tape is used.	> Test cut and correct the difference.
Tape curled up.	• The break lever is not used.	> Use the break lever.

❗ If the product keeps showing disorder even after above mentioned proceedures, please stop using it and contact the manufacturer or sellser.

Specifications

Power requirement	AC100-240V Free Volt
Input voltage range	+/- 5%
Power consumption	25W
Dimensions	116Wx140Hx213D (mm)
Weight	2,3kg
Material	ABS
Cutting width	6-60mm
Cutting length	5-999mm
Moving speed	200mm/sec
Tape diameter	30-300 mm
Accesories	Power cord, 2A fuse (extra piece build inside the AC inlet), separation plate and auxiliary separation plate, oil can

T2C Swiss Cut HA900
automatic tape dispenser
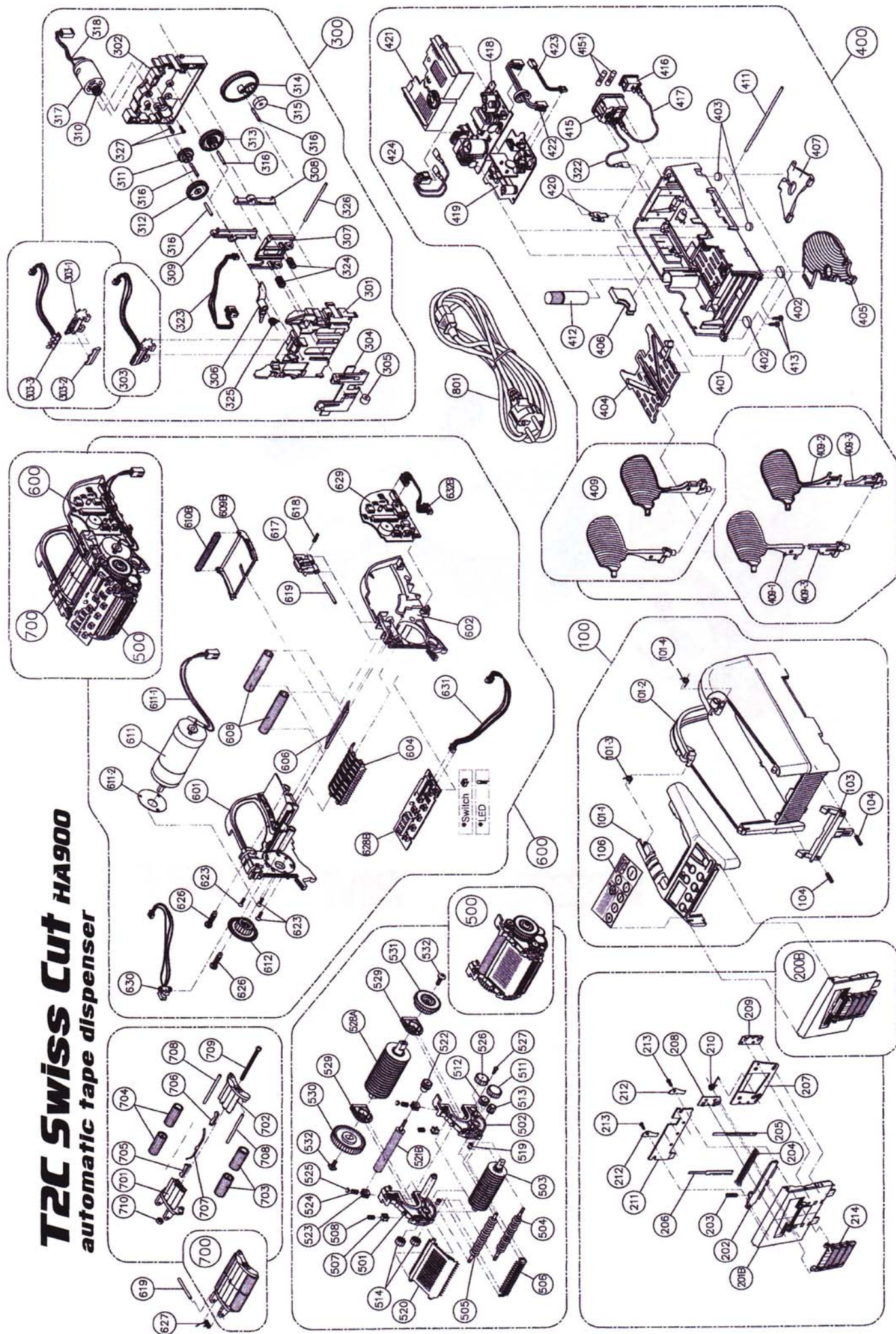
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