Roland

TB-30

How to Load Media

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- To ensure correct and safe usage with a full understanding of this product's performance, please be sure to read through this manual completely.
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Introduction

Notes to Follow

The TB-30 is a device used to print on thin film material or other such roll media consisting of material that lacks firmness. It is not designed for printing on sheet media.
Before printing on sheet media, remove the TB-30.

Media that lacks firmness wrinkles easily, so do not pull back this media.
To prevent media from being pulled back, adhere to the following guidelines.

- Do not use the Print & Cut function.
- Do not use the sheet cutting function.
- Do not pull back the media manually.
- Set the take-up method to "TU3" on the printer.
- Use the "Page Space" setting in VersaWorks to set the page space to "120 mm" (4.72 in.).

How to Load Media

⚠CAUTION **Load the roll media correctly.**
Otherwise the media may fall and cause injury.

⚠CAUTION **The roll media weighs about 25 kg (55 lb.). To avoid injury, handle the roll media with care.**

⚠CAUTION **Never load media that weighs more than 25 kg (55 lb.).**
The machine may fail to withstand the weight and tip over or cause the media to fall.

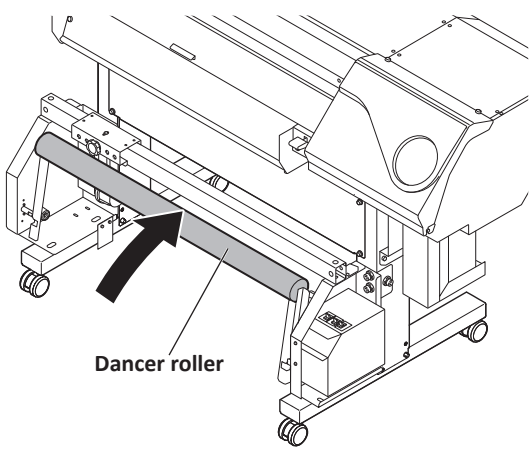
⚠CAUTION **Do not touch the dancer roller needlessly.**
The media take-up unit and feeder may move suddenly, which may result in injury.

IMPORTANT

- **Media with a width of 688 to 762 mm (27.1 to 30 in.) can be used.**
- **When printing on thin film material or similar media, use only the left and right pinch rollers.**

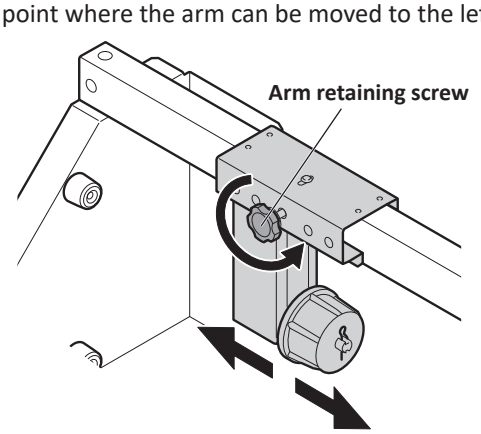
Step 1:Load the paper tube.

1 **Lower the dancer roller toward the rear.**



2 **Loosen the arm retaining screw.**

Loosen the screw to a point where the arm can be moved to the left and right.

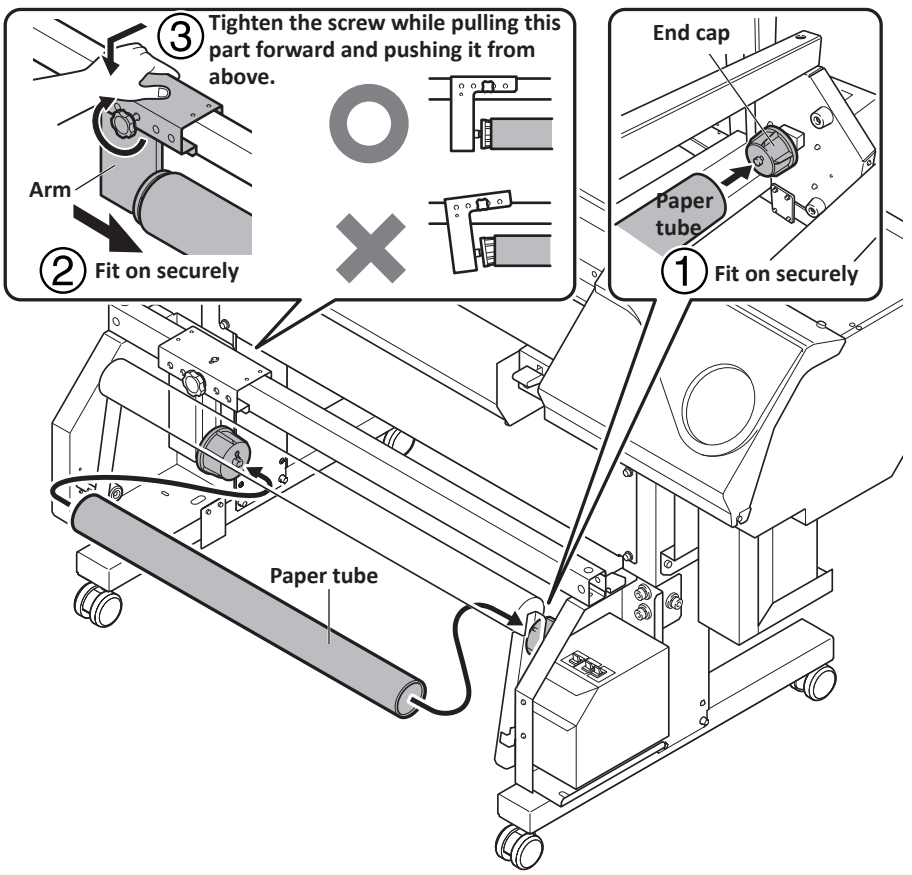


3 Install the paper tube to the end cap and fix the arm.

① **Fit the paper tube securely onto the (right) stand leg side end cap.**

② **Push the arm side end cap against the paper tube and fit it securely.**

③ **Fix the arm in place with the arm retaining screw.**



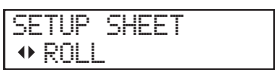
IMPORTANT

- **Do not overtighten the arm retaining screw.**
  Overtightening may make it difficult to remove the arm.
- **Use the paper tube that is included with the roll.**
  If a different tube is used, the media may not be taken up because the roll may fail to engage.

Step 2:Pass the media through the printer.

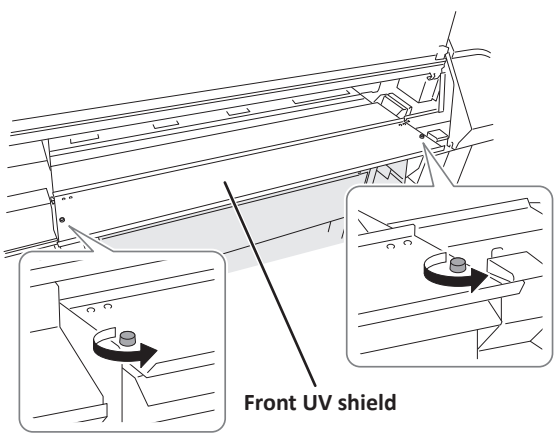
1. **Check that the printer's loading lever is in the up position.**
2. **Switch on the printer's sub power.**
3. **Check that the following menu items on the printer have been set to "DISABLE."**
   - **[PREFEED]**

     ☞ For details on how to check and change the settings, refer to the instruction manual for your printer.
4. **Press [MENU] to return to the setup screen.**

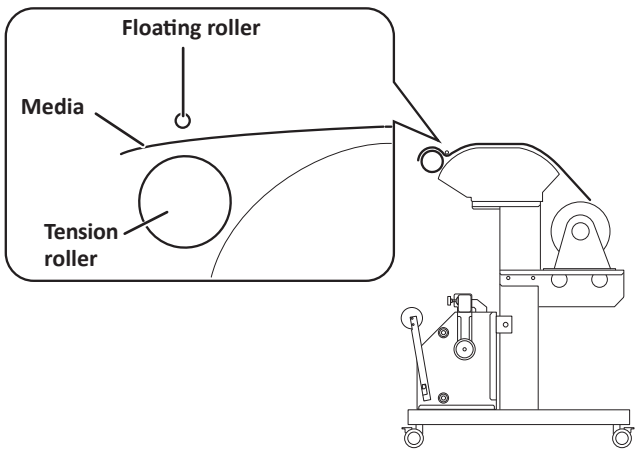
5. **Press [◀] or [▶] to select "TU3."**

   ☞ For details on selecting the take-up method, see the TUC-4 user's manual.
6. **Open the front cover.**
7. **Remove the screws (in two locations), and then remove the front UV shield.**



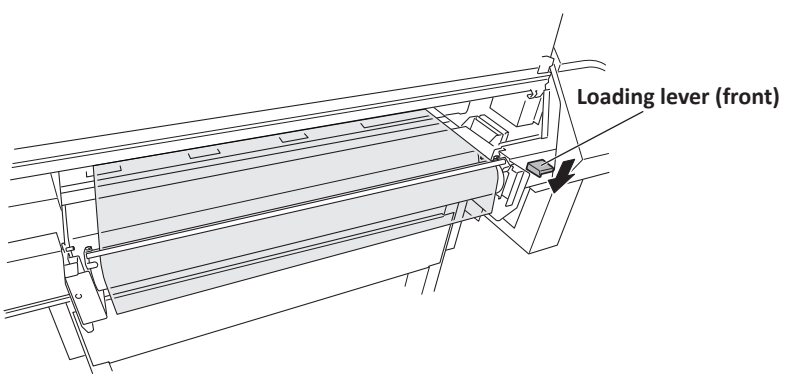
8 **Raise the floating roller (weight roller) toward you.**

9 **Pass the media between the floating roller and the tension roller.**



10 **Lower the floating roller toward the back of the machine.**

11 **Lower the (front) loading lever.**



12 **Close the front cover.**

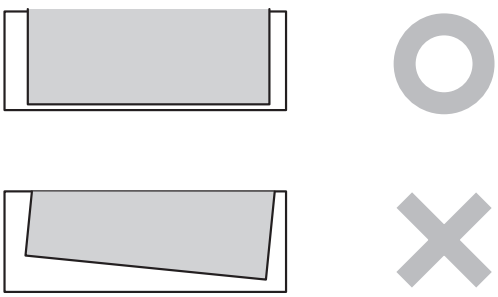
13 Check the loading status of the media.

- The media is loaded straight.
- All areas of the media are taut.

If the media has slack or is bent, raise the loading lever and load once again.

IMPORTANT

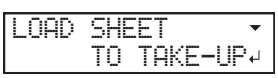
Avoid pulling back the media as much as possible because doing so may wrinkle the media.



14 Press [ENTER].

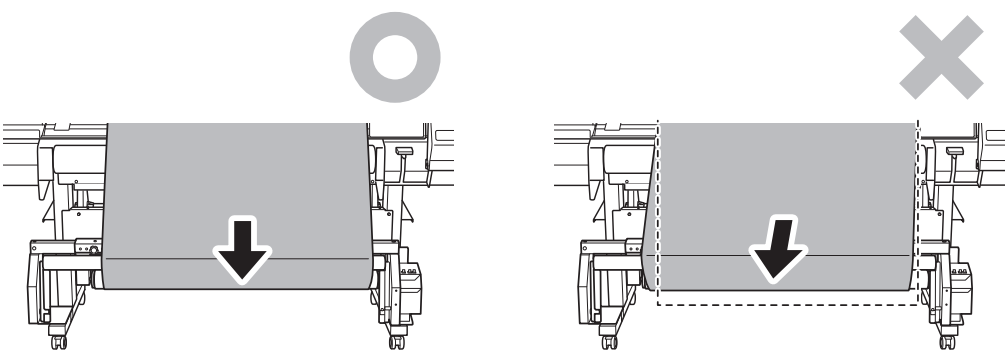
Step 3:Secure the media on the paper tube (core).

1 Make sure the screen in the figure is displayed.



2 Press [▼] to feed out the media until the tip of the media reaches the paper tube.

Check that the media is fed out straight.
If the media is not feeding straight, perform the loading operation once again.
Media is fed out 10 mm (0.4 in.) each time you press [▼]. Holding down the key lets you feed out paper continuously.

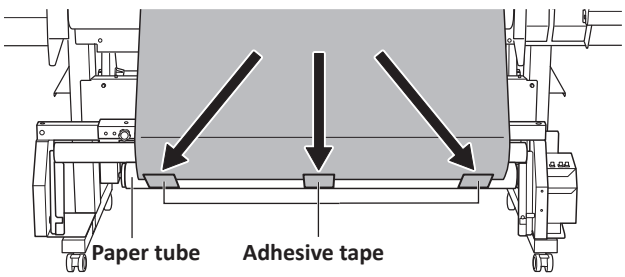


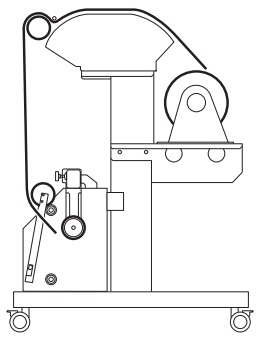
3 **Attach the center and both ends of the media to the paper tube (core) using adhesive tape (three locations in total).**

① **While pulling the media so that it does not sag, secure the center of the media.**

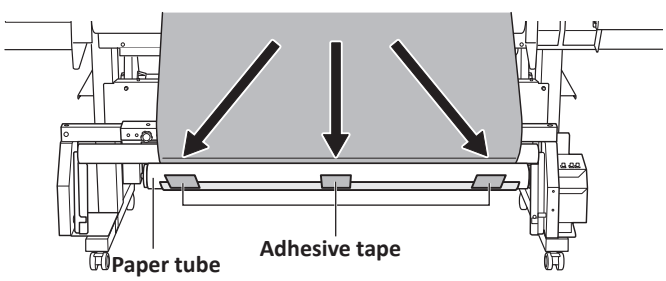
② **While pulling the media from the center toward the outer edges, and fix the left and right edges.**

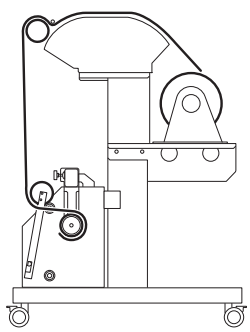
Take-up with outward curl





Take-up with inward curl





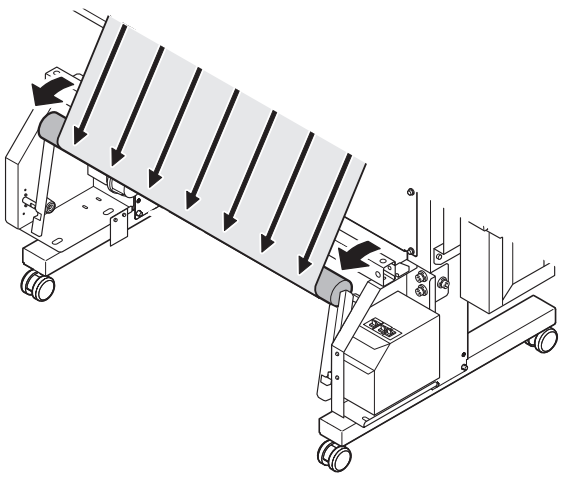
4 Press **[ENTER].**

The media is fed out and the screen shown in the figure appears.

```
TILT DANCER
ROLLER TO FRONT↵
```

5 **Lower the dancer roller toward the front.**

Check that all areas of the media are taut.



6 Press **[ENTER].**

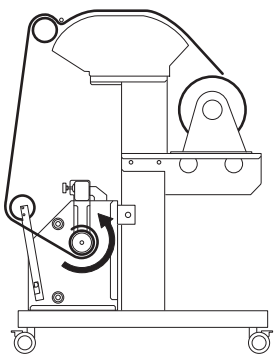
The screen shown in the figure appears.

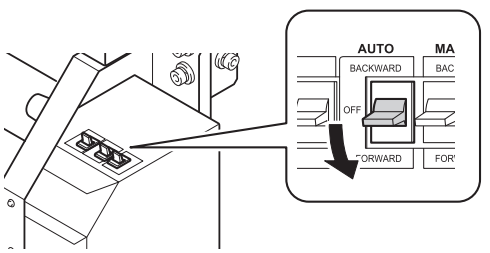
```
CHECK
TAKE-UP SETTING↵
```

Step 4:Take up the media.

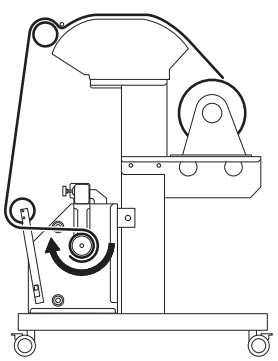
1 **Set the AUTO switch on the take-up unit.**

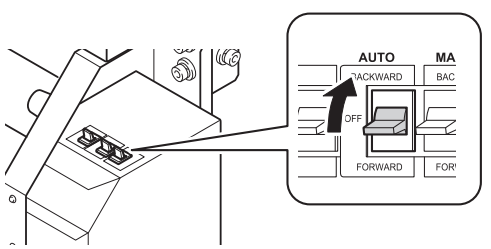
Take-up with outward curl





Take-up with inward curl



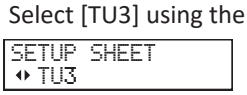


Point

When no media is loaded, lower the dancer roller all the way to the back.

2 **Select the mode to match the media to be used.**

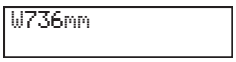
Select [TU3] using the [SETUP SHEET] screen.



Mode	Applicable media	Explanation
TU3	Thin film material and similar media	The media is stretched and taken up. This is suited to weak media and media that does not slip easily. This mode does not pull back the media (no back feeding is performed). In this way, this mode prevents the media from being wrinkled.

3 Press **[ENTER].**

The screen shown in the figure appears.

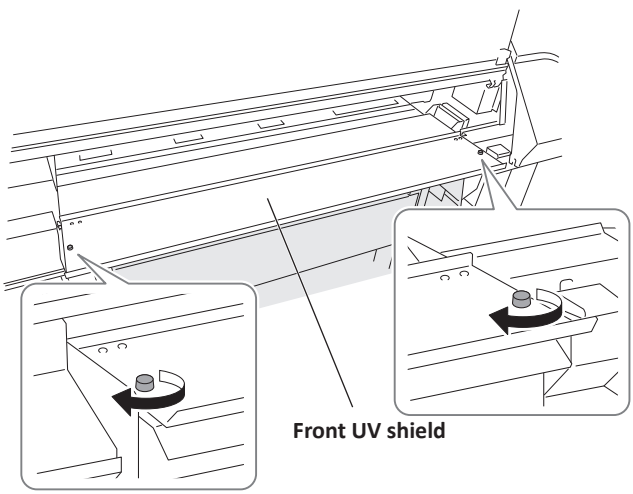


MEMO

When take-up starts, take care that the leading edge of the media does not get folded or bent.

4 **Open the front cover.**

5 **Use screws (in two locations) to fix the front UV shield in place.**



6 **Close the front cover.**

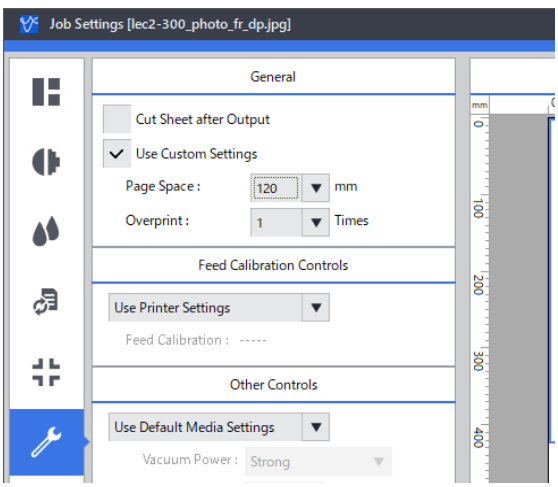
Step 5:Configure the printing settings.

TUC-4 setting

- TUC-4 mode: TENSION

VersaWorks setting

- Page Space: 120 mm (4.72 in.)



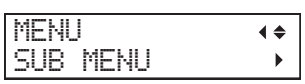
* The recommended setting value varies depending on the print quality settings.

LEC2-330, MG-300 Settings

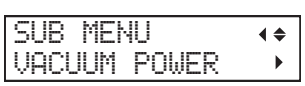
- Take-up method: TU3
- Print head height: SpLOW
- Media clamps: Remove
- Suction force setting: See the following procedure.

1 Press [MENU].

2 Press [▼] several times to display the screen shown below.



3 Press [►] once, and then press [▼] several times to display the screen shown below.



4 Press [►] to display the screen shown below.



5 Press [▲] or [▼] to select a value.

Set the suction force to match the media.

MEMO

Thin film material and similar media: 30% (recommended)

6 Press [ENTER].

7 Press [MENU] to go back to the original screen.

This completes the setup of the media.


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