Roland

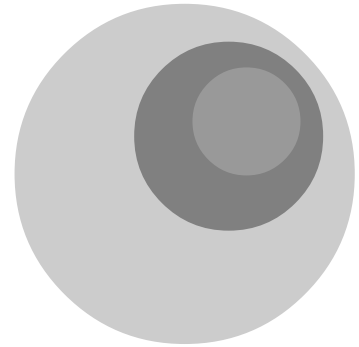# HI-FI JET PRO
HIGH FIDELITY 8 COLOR INKJET PRINTER

FJ-500 ✶ FJ-400

Unpacking, Assembly, and Installation Guide • • • •

This User's Manual is intended for FJ-500 and FJ-400.

Roland DG Corporation

Contents

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About This Manual

This document describes the procedures from unpacking to installation of the FJ-500/400.
For information about operation methods and safety-related notes for the FJ-500/400, refer to the User's Manual packed with the machine.
Also, the explanations in this document use illustrations of the FJ-500. Some areas of the configuration of the FJ-400 differ from the illustrations.
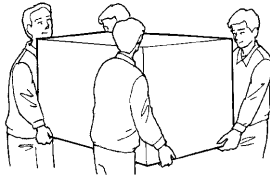
1 How to Unpack the FJ-500/400

⚠ WARNING

🛑 **Unpacking, installation, and moving must be carried out by four or more persons.**
Otherwise the machine or the stand may fall, resulting in injury.
(The total weight of the package is 166 kg (365.9 lb.) for the FJ-500 and 154 kg (339.5 lb.) for the FJ-400.)
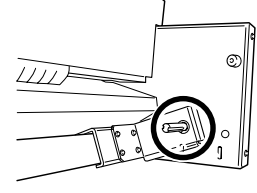
NOTICE When lifting the machine, do not grasp the areas shown in the figure.
Doing so may damage the equipment.
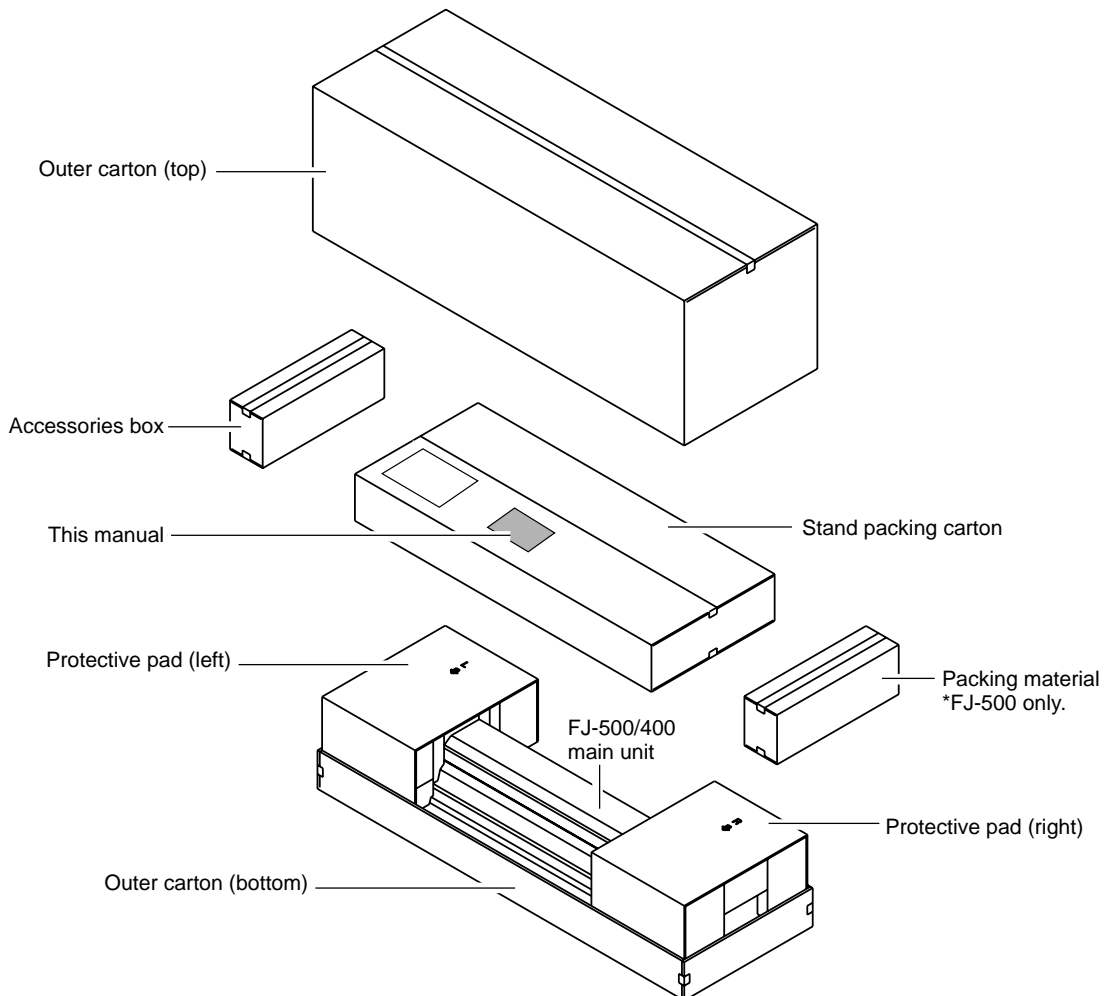
Left-hand side of the back of the unit
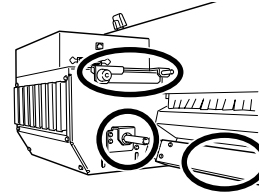
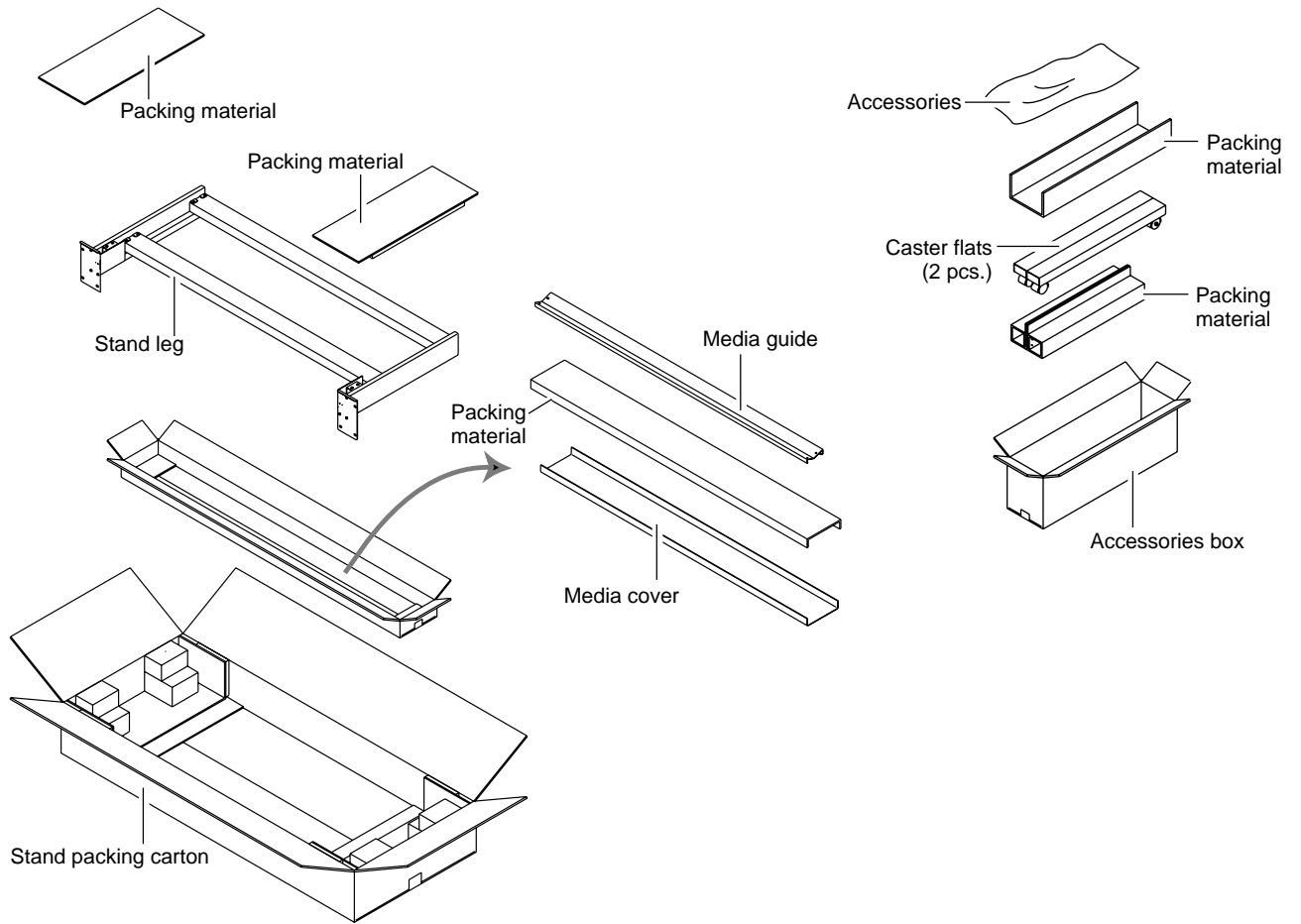Right-hand side of the back of the unit
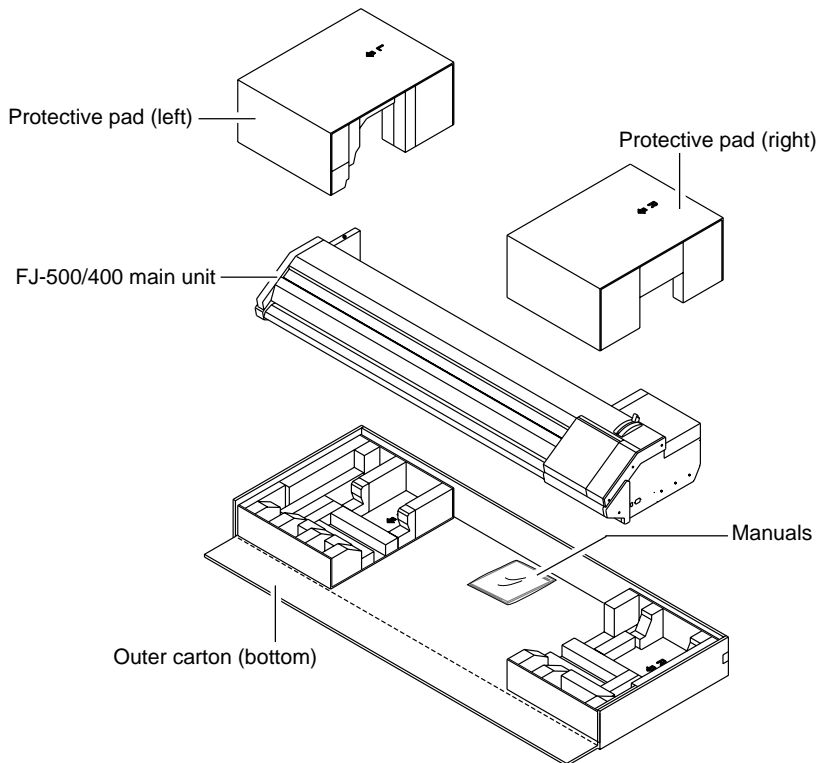
1-1 Overview of Packed Materials

The FJ-500/400 is packed as shown below.

Outer carton (top)

Accessories box

This manual

Stand packing carton

Protective pad (left)

Packing material
*FJ-500 only.

FJ-500/400 main unit

Protective pad (right)

Outer carton (bottom)

1-2 Open the Stand Packing Carton and Accessories Box

Packing material

Packing material

Stand leg

Packing material

Media guide

Media cover

Accessories

Packing material

Caster flats (2 pcs.)

Packing material

Accessories box

Stand packing carton

1-3 Take Out the Unit

Protective pad (left)

Protective pad (right)

FJ-500/400 main unit

Manuals

Outer carton (bottom)

3
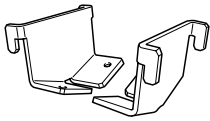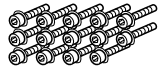
2 Checking the Accessories

2-1 Check the Accessories Box

The accessories box contains the following items.
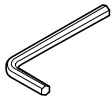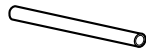
Stays: 2
(For place the media guide)
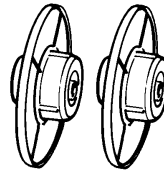
Bolts (Large): 14
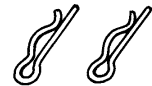
Bolts (Small): 4

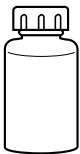Washers: 6

Hexagonal wrench (M6): 1
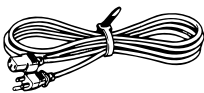
Pipe: 1

Media flanges: 2

Flange retaining pins: 2

Drain bottle: 1

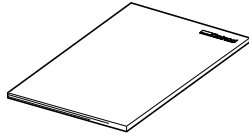The items enclosed in the dotted box are accessories used in the explanations in this document.
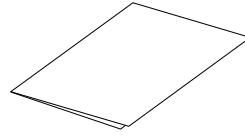
Power cord: 1

2-2 Check the Manuals

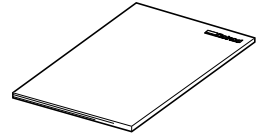The manuals include the following items.
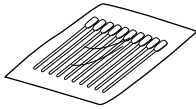
Roland COLORCHOICE®
CD-ROM: 1
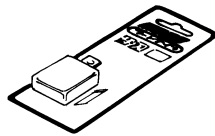
Roland COLORCHOICE®
user's manual: 1

Roland COLORCHOICE®
output parameter settings
and ICC profiles for the
FJ-500/400: 1
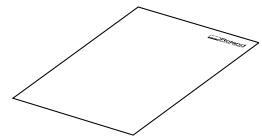
User's manual: 1

Cleaning kit: 1

Replacement blade for
separating knife: 1

Roland-PrintServer
CD-ROM: 1

Roland-PrintServer
for Macintosh users: 1
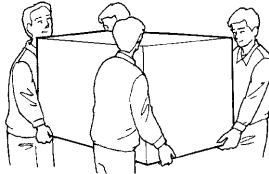
3 Assembling the Stand and the Machine

⚠WARNING

⬤ **Unpacking, installation, and moving must be carried out by four or more persons.**
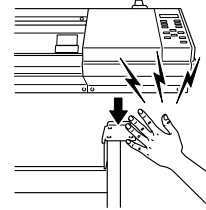Otherwise the machine or the stand may fall, resulting in injury.
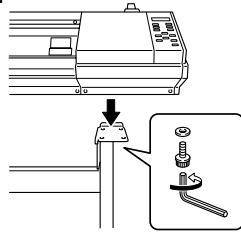(The total weight of the package is 166 kg (365.9 lb.) for the FJ-500 and 154 kg (339.5 lb.) for the FJ-400.)

🚫 **Use care to avoid pinching the fingers when placing the unit on the stand.**
Doing so may result in injury.

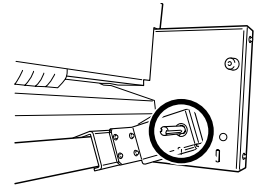⬤ **Use the joining screws to secure the unit to the stand.**
Failure to do so may result in falling of the unit, leading to injury.

NOTICE When lifting the machine, do not grasp the areas shown in the figure.
Doing so may damage the equipment.

Left-hand side of the back of the unit

Right-hand side of the back of the unit
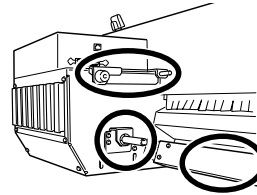
First assemble the stand, then mount the machine on top of the stand.
The external dimensions of the assembled machine and stand are as follows.

FJ-500: 2246 mm [W] x 740 mm [D] x 1241 mm [H] (88-7/16 in. [W] x 29-3/16 in. [D] x 48-7/8 in. [H])
FJ-400: 1992 mm [W] x 740 mm [D] x 1241 mm [H] (78-7/16 in. [W] x 29-3/16 in. [D] x 48-7/8 in. [H])

1 Invert the stand legs as shown in the figure. While supporting the stand legs with your hand, attach the left- and right-hand casters.

Tighten the bolts securely. Loose bolts may cause the stand to wobble.

4 pcs.

Short
Hexagonal wrench
Long
Bolts (Large)
Pipe
4 pcs.
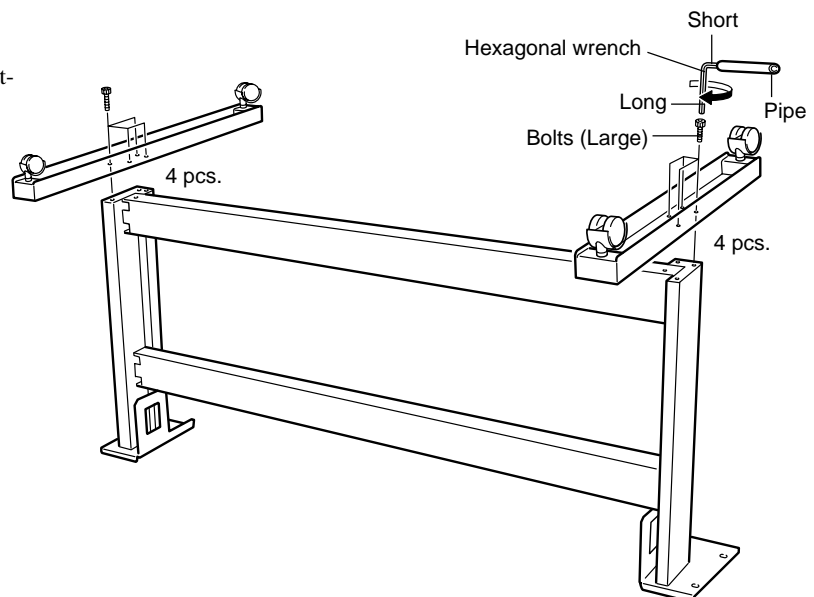
2 Set the stand upright so that the casters are at the bottom, and place the machine on the stand.
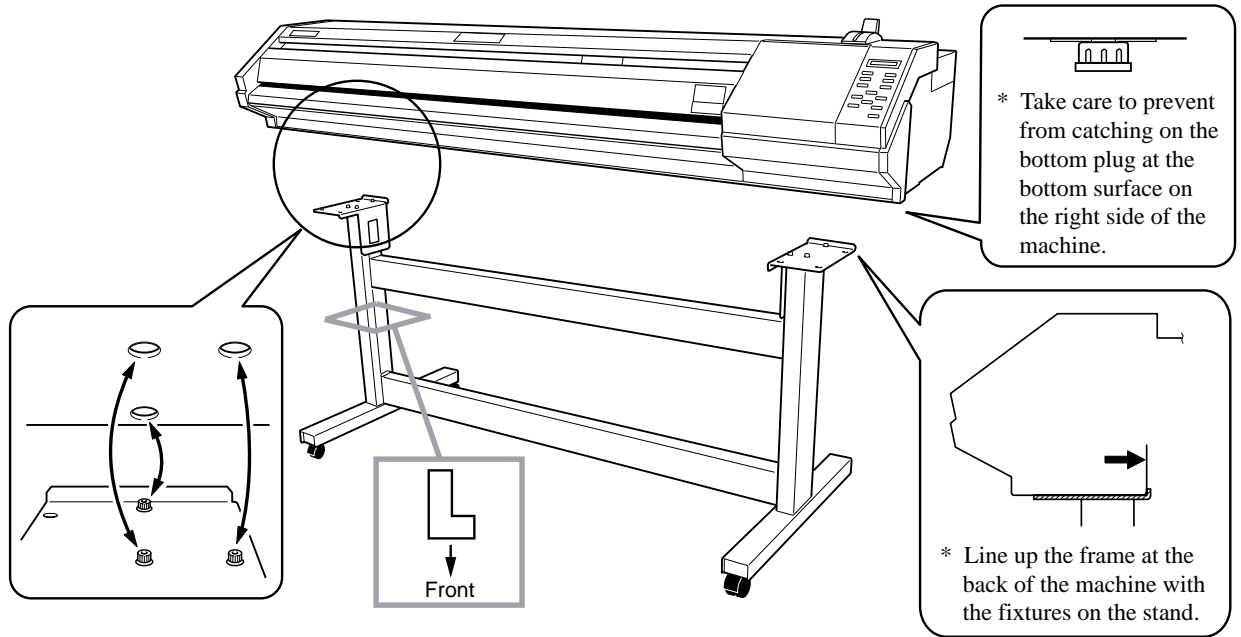The front and rear of the stand are as shown in the figure.

* Take care to prevent from catching on the bottom plug at the bottom surface on the right side of the machine.

* Line up the frame at the back of the machine with the fixtures on the stand.

Front

3 Use the included large bolts to secure the machine to the stand.

Three places each on the left and right

Washer

Bolt (Large)
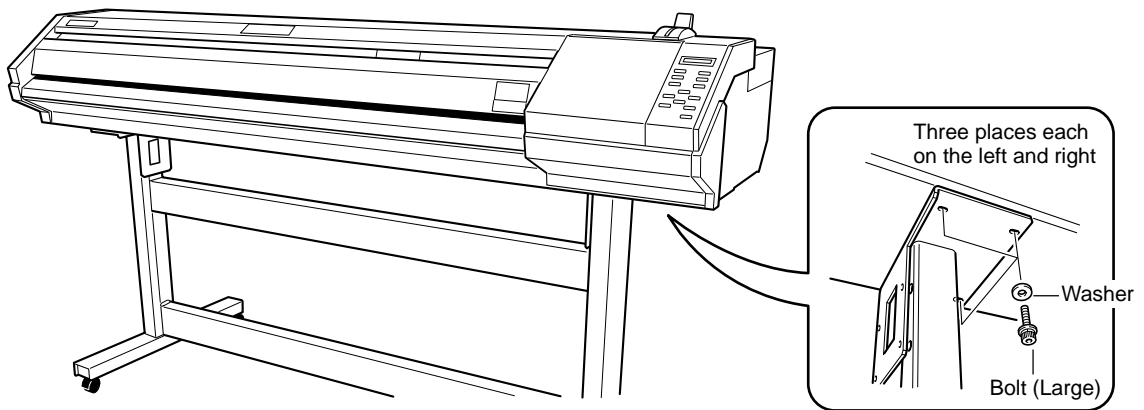
4 Fit the stays onto the back of the machine at the locations shown in the figure.

Left-hand side of the back of the unit
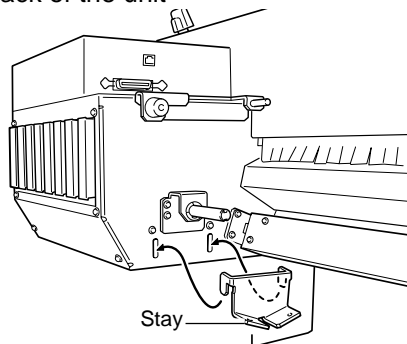
Right-hand side of the back of the unit

Stay

Stay

5 Place the media guide on the stays and secure it in place using the included small bolts.

Media guide

Bolts (Small)

Orientation of the media guide

← Rear   Front →

Media guide
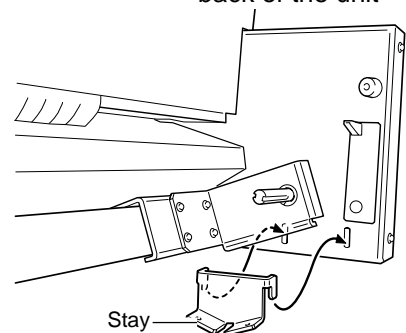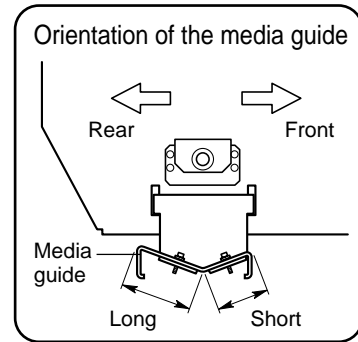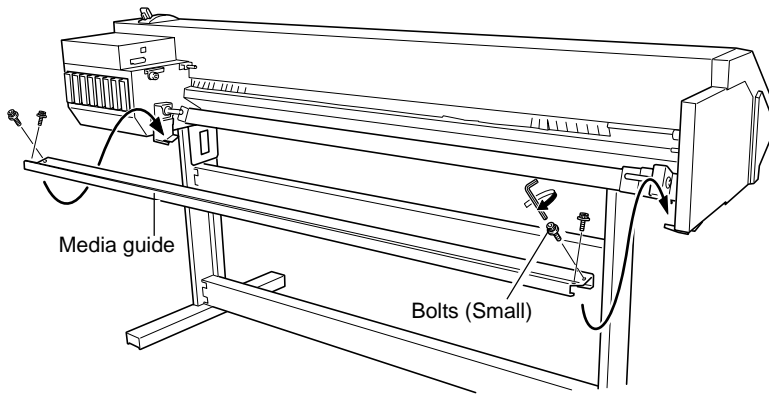
Long   Short

* If the short side is oriented toward the back of the machine, roll material may fall.

6 Pass the media flanges onto the retainers and secure in place with the flange retaining pins.

Orient the media flange so that it's lined up with the core diameter of the loaded roll material.

2 in.   3 in.

Media flanges   Retainer

1)   1)

Line up the ridges and grooves.

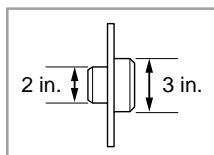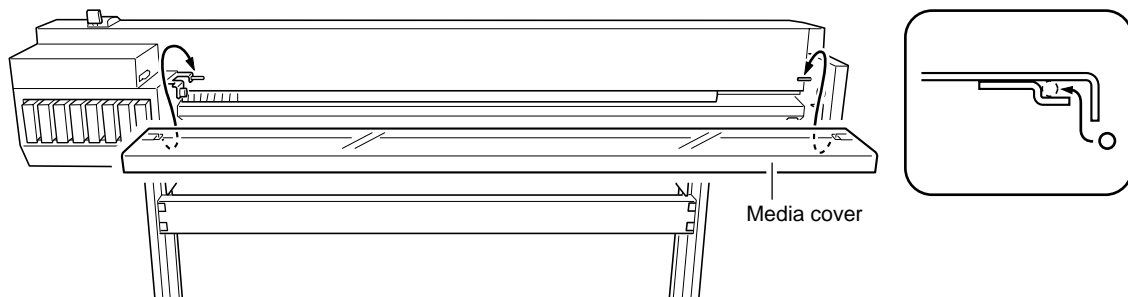Left-hand side of the back of the unit

Right-hand side of the back of the unit

Flange retaining pins

2)   2)
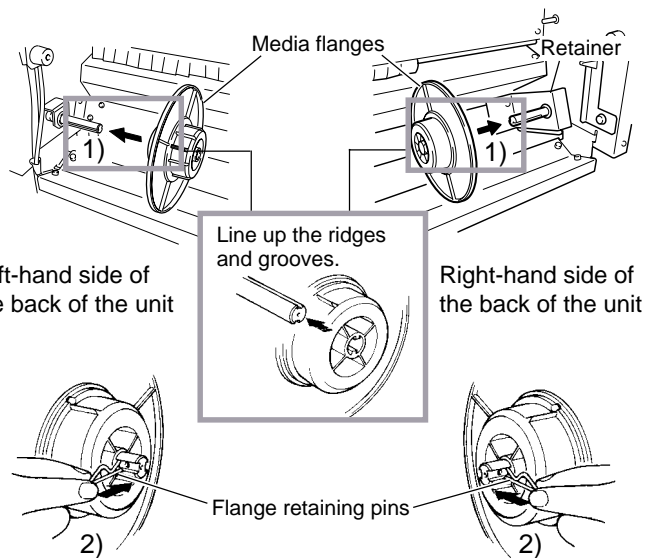
7 Set the media cover in place on the pins at the back of the machine shown in the figure.

Media cover

8 Remove the bottom plug from the bottom surface on the right side of the machine, then screw in the drain bottle in the direction indicated by the arrow. When threading the bottle onto the machine, turn the bottle without applying excessive force.
Leave the drain bottle attached at all times, removing it only when moving the machine or disposing of collected ink.

Bottom plug

Drain bottle
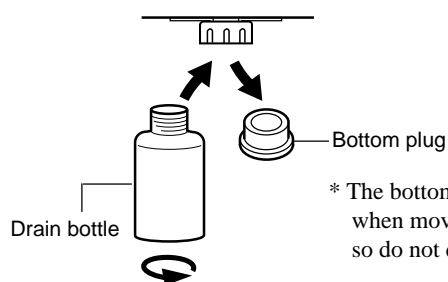
* The bottom plug is needed when moving the machine, so do not discard it.

4 Setting Up

⚠WARNING

Unpacking, installation, and moving must be carried out by four or more persons.
Otherwise the machine or the stand may fall, resulting in injury.
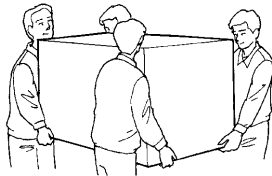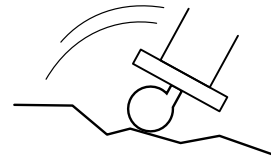(The total weight of the package is 166 kg (365.9 lb.) for the FJ-500 and 154 kg (339.5 lb.) for the FJ-400.)

Install in a level and stable location.
Otherwise the unit may tip over and cause injury.

NOTICE Never install the unit in any of the following situations, as it could result in breakdown or faulty operation:
Places where the installation surface is unstable or not level.
Places with excessive electrical noise.
Places with excessive humidity or dust.
Places with poor ventilation, because the FJ-500/400 generates considerable heat during operation.
Places with excessive vibration.
Places exposed to strong illumination or direct sunlight.

Never step or stand on the stand legs or the media cover. Doing so may damage them.

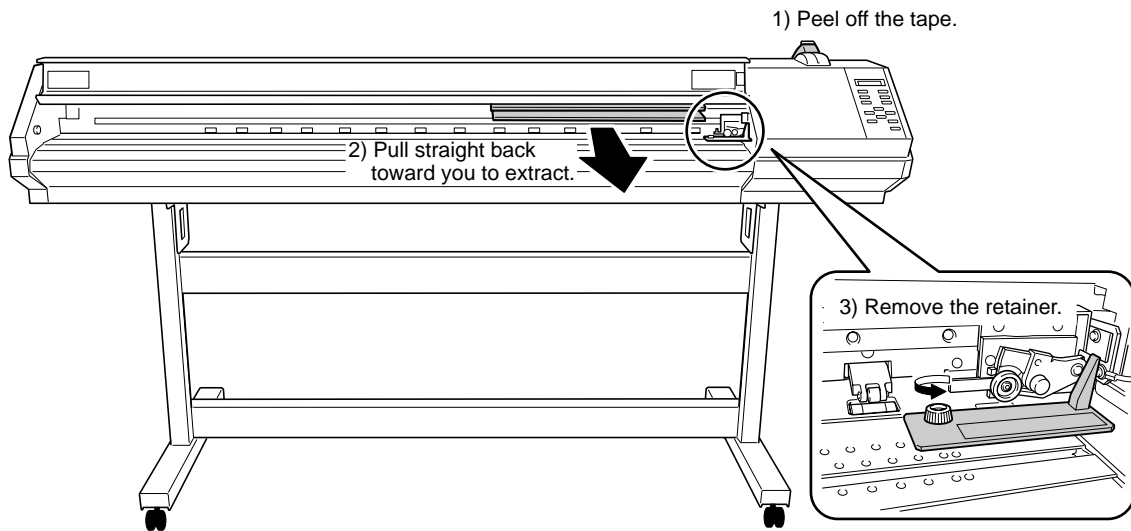Do not place objects on the unit, as doing so may result in breakdown.

When using the unit while mounted on a stand, be sure to ensure a sufficient amount of installation space for the unit. The required installation spaces for this model are listed below.

FJ-500:   3300 mm [W] x 2000 mm [D] x 1700 mm [H]
            (129-15/16 in. [W] x 78-3/4 in. [D] x 66-15/16 in. [H])
FJ-400:   3000 mm [W] x 2000 mm [D] x 1700 mm [H]
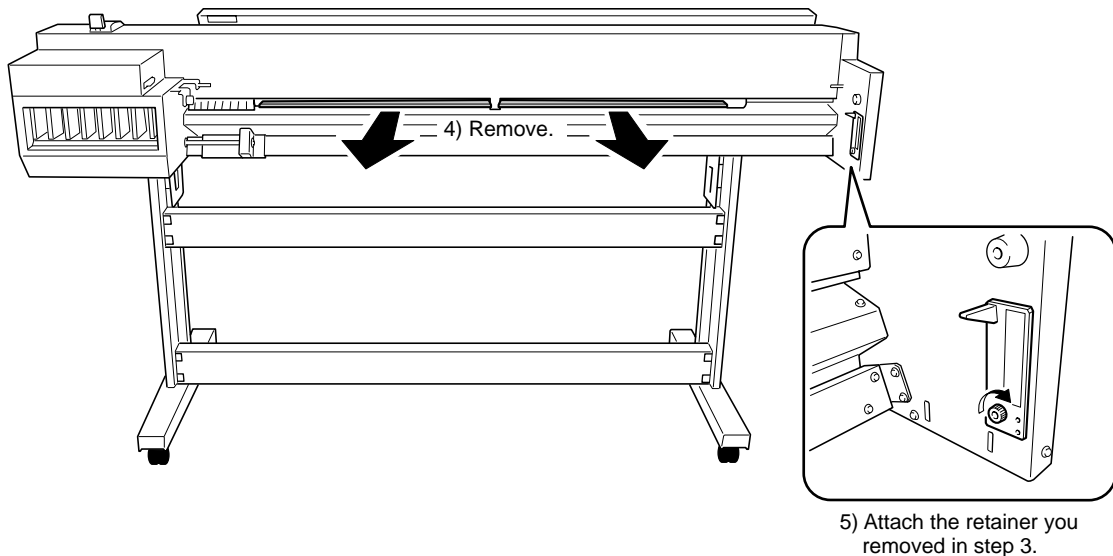   (118-1/8 in. [W] x 78-3/4 in. [D] x 66-15/16 in. [H])

5 Removing the Protective Material

The protective material shown below is attached to the FJ-500/400 when it is shipped from the factory. When you have finished installing the machine, remove all protective material.

Front

1) Peel off the tape.

2) Pull straight back toward you to extract.

3) Remove the retainer.

Rear

4) Remove.

5) Attach the retainer you removed in step 3.

When you have finished unpacking, assembling, and installing the machine, connect the cables. For information about how to make the connections, see "Making the Connections" in the User's Manual packed with the machine.

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