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# Cisco 7513 and Cisco 7576 Unpacking Instructions

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**Product Numbers: CISCO7513, CHAS-7513, MAS-7513 (Cisco 7513)**

**CISCO7576, CHAS-7576, MAS-7576 (Cisco 7576)**

This document contains important instructions for unpacking the Cisco 7513 and Cisco 7576; review these instructions *before* you open the container. After you unpack the system, refer to the *Cisco 7500 Series Installation and Configuration Guide* on the Documentation CD-ROM, or in print, for installation instructions.

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## Unpacking Precautions

Before unpacking the Cisco 7513 or Cisco 7576, review these precautions to avoid injury to yourself or damage to the equipment:

- Two people are required to lift the chassis, one at each end or each side. You should lift the chassis by grasping the handle with one hand and the bottom of the chassis with the other, and lift with your legs, as shown in Figure 1. (Do *not* lift the chassis using the blower module handle or the air intake vent below the card cage.)
- Keep your back straight; lift with your legs.
- Always remove all power supplies before lifting the chassis. The chassis weighs approximately 110 pounds without power supplies and with 13 processor modules installed.
- Use a hand cart, pallet jack, or forklift to move the chassis to another location.

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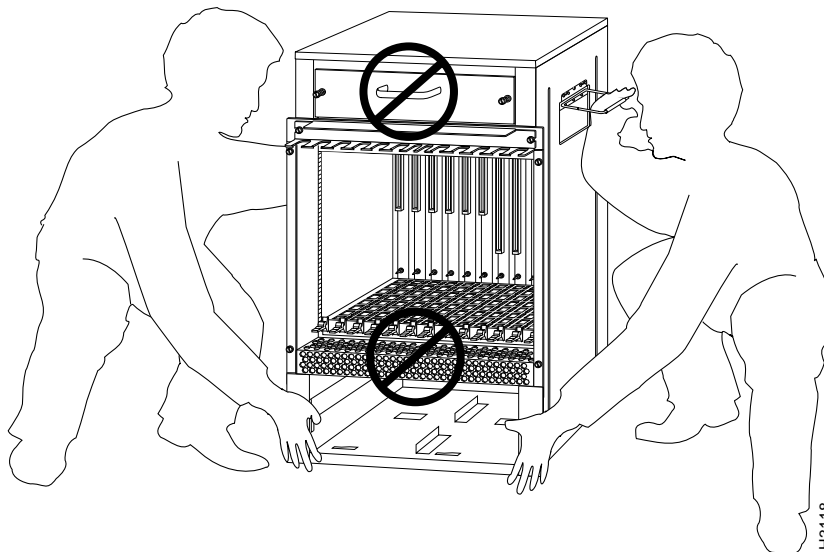
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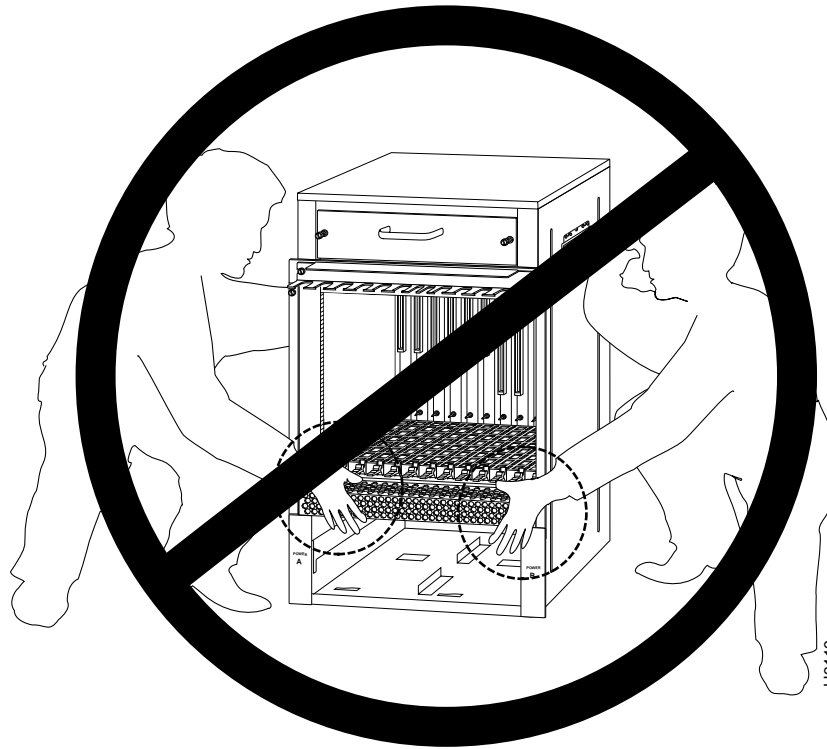
- Note the dimensions of the shipping container before moving it to ensure that you have adequate clearance through doors and passages.

**Figure 1**      **Correct Way to Lift the Cisco 7513 and Cisco 7576**



**Caution** To prevent damage to the air intake vent below the card cage, do *not* lift the chassis by grasping the handle with one hand and the bottom of the card cage with the other, as shown in Figure 2. The air intake vent is not designed to support the weight of the chassis.

**Figure 2**      **Incorrect Way to Lift the Cisco 7513 and Cisco 7576**



Before moving the chassis to a permanent site, we recommend that you review the site, safety, and environmental considerations provided in the *Cisco 7500 Series Installation and Configuration Guide* on the Document CD-ROM, or in print.

Do not destroy the shipping containers. Flatten and store them with the pallet. Use these containers to either transport the chassis or, if necessary, return it to the factory.

## Unpacking a Cisco 7513 or Cisco 7576

To unpack a Cisco 7513 or Cisco 7576 router, follow these steps:

- Step 1** Using a hand cart, pallet jack, or forklift, place the chassis as close to the installation location as possible.
- Step 2** Ensure that you have sufficient room to unpack the chassis.
- Step 3** Using scissors, cut the three plastic bands that secure the chassis to the pallet. Set these bands out of the way or dispose of them properly (they are not reusable).
- Step 4** Remove the cap from the top of the packaging, and set it aside. (See Figure 3.)
- Step 5** If you ordered any optional cables or any interfaces that ship with cables, remove the accessory boxes and set them aside.
- Step 6** Refer to Figure 3 and familiarize yourself with the relative locations of packing components inside the outer tube. Then carefully remove the outer tube from around the chassis, and set it aside.

- Step 7** Refer to Figure 3 and locate the small taped tube that contains the rack-mount kit packing. Raise the top perimeter foam and remove the tube, with the rack-mount kit inside, and set it aside.
- Step 8** Remove the top perimeter foam and set it aside. (See Figure 3.)
- Step 9** Remove the large taped tube and set it aside. Depending on your order, it should contain the accessory box and up to two power supply boxes. Remove the accessory box first, and then slide the large tube from the power supply boxes. After you expose the power supply boxes, remove the power supplies and set them aside.
- Step 10** Refer to Figure 3 and locate the two black board racks, located between the large taped tube and the chassis. Remove the racks and set them aside.

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**Note** The board racks provide a secure, safe place to temporarily store the processor modules when you install the chassis in a rack. Refer to the *Cisco 7500 Series Installation and Configuration Guide* for information on properly removing processor modules from the chassis.

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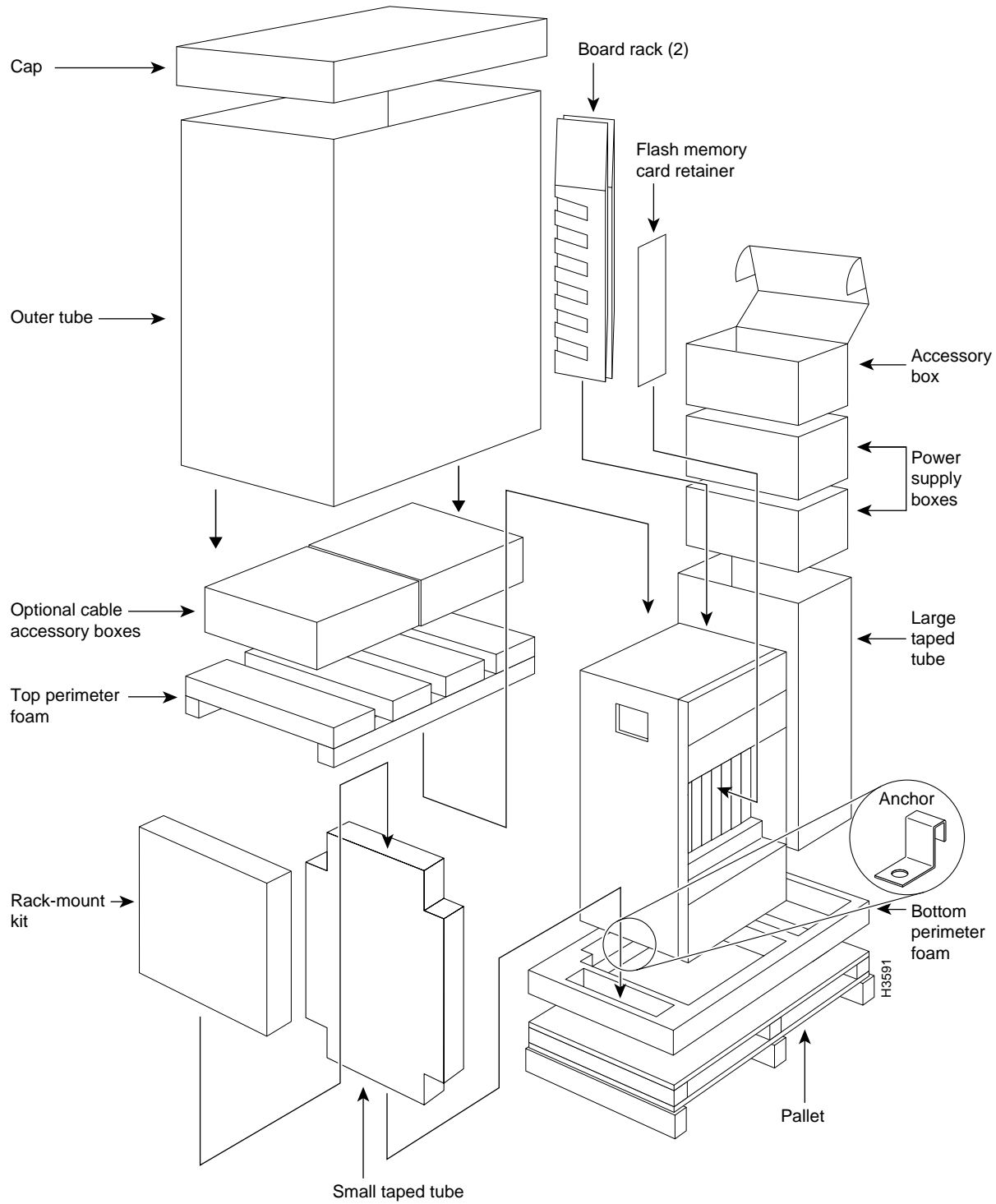


**Caution** The power supply boxes are heavy. Carefully remove them from the large taped tube.

- Step 11** Carefully slide the bottom perimeter foam up and over the chassis. (Refer to Figure 3.)
- Step 12** Using a nut driver, a phillips screwdriver, and a flat-blade screwdriver, locate and remove the chassis anchors that fasten the chassis to the pallet. (Refer to Figure 3.) When these anchors are removed, you can remove the chassis from the pallet.
- Step 13** If present, remove the Flash memory card retainer, which is placed over the Route Switch Processors (RSPs) installed in slots 6 or 7 in the chassis. (Refer to Figure 3.)

The chassis is now ready to be installed on a tabletop or in a rack. Although it is not required, we recommend rack-mounting the chassis to assure optimum airflow, cable and maintenance clearances, dust control, and accessibility.

Figure 3 Packaging Detail for the Cisco 7513 and Cisco 7576



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- Modem: From North America, 408 526-8070; from Europe, 33 1 64 46 40 82. Use the following terminal settings: VT100 emulation; databits: 8; parity: none; stop bits: 1; and connection rates up to 28.8 kbps.

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**Note** If you are a network administrator and need personal technical assistance with a Cisco product that is under warranty or covered by a maintenance contract, contact Cisco's Technical Assistance Center (TAC) at 800 553-2447, 408 526-7209, or [tac@cisco.com](mailto:tac@cisco.com). To obtain general information about Cisco Systems, Cisco products, or upgrades, contact 800 553-6387, 408 526-7208, or [cs-rep@cisco.com](mailto:cs-rep@cisco.com).

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