
AMC-20CF

Mobile Dental System



PACKING GUIDE



TABLE OF CONTENTS

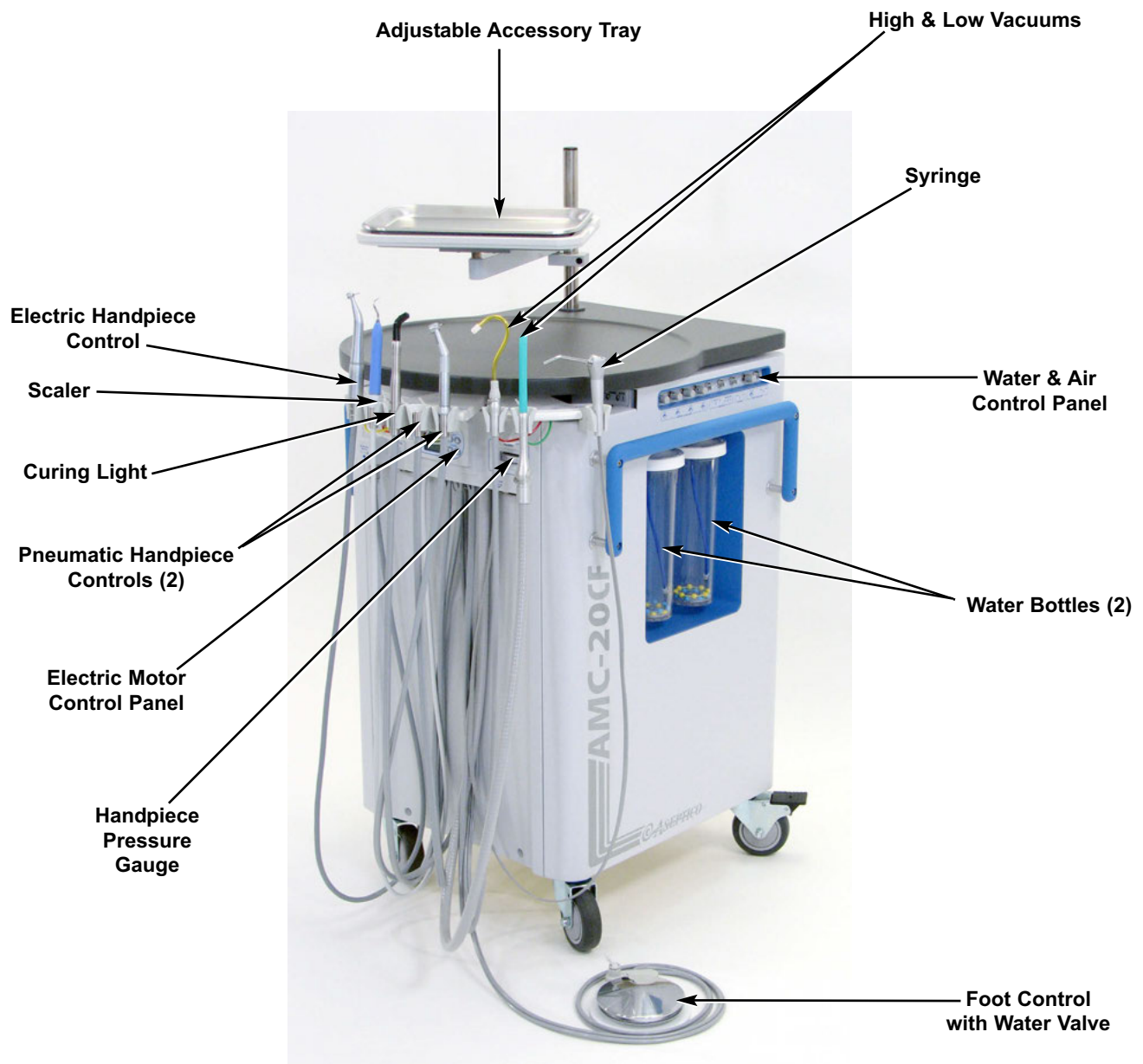
Introduction	1
System Equipment and Features	1
Shipping Case and Components	2
Unpacking the System	3-6
Accessories Case	7
Repacking the System	8
Specifications	9
Warranty	Back Cover

INTRODUCTION

The Aseptico AMC-20CF Dual Voltage Mobile Dental System provides an array of dental equipment features and functions designed to serve a wide range of dental applications -- all conveniently and neatly packaged into a single, self-contained transportable cart. These equipment features include: automatic handpiece controls for two pneumatic handpieces w/fiber optic lights; integrated electric motor with control panel; ultrasonic scaler; curing light; 3-way air/water syringe with a self contained water system; High Volume (HVE) and low volume vacuum lines with adjustable ejectors and a solids trap ; and, an amalgam separator.

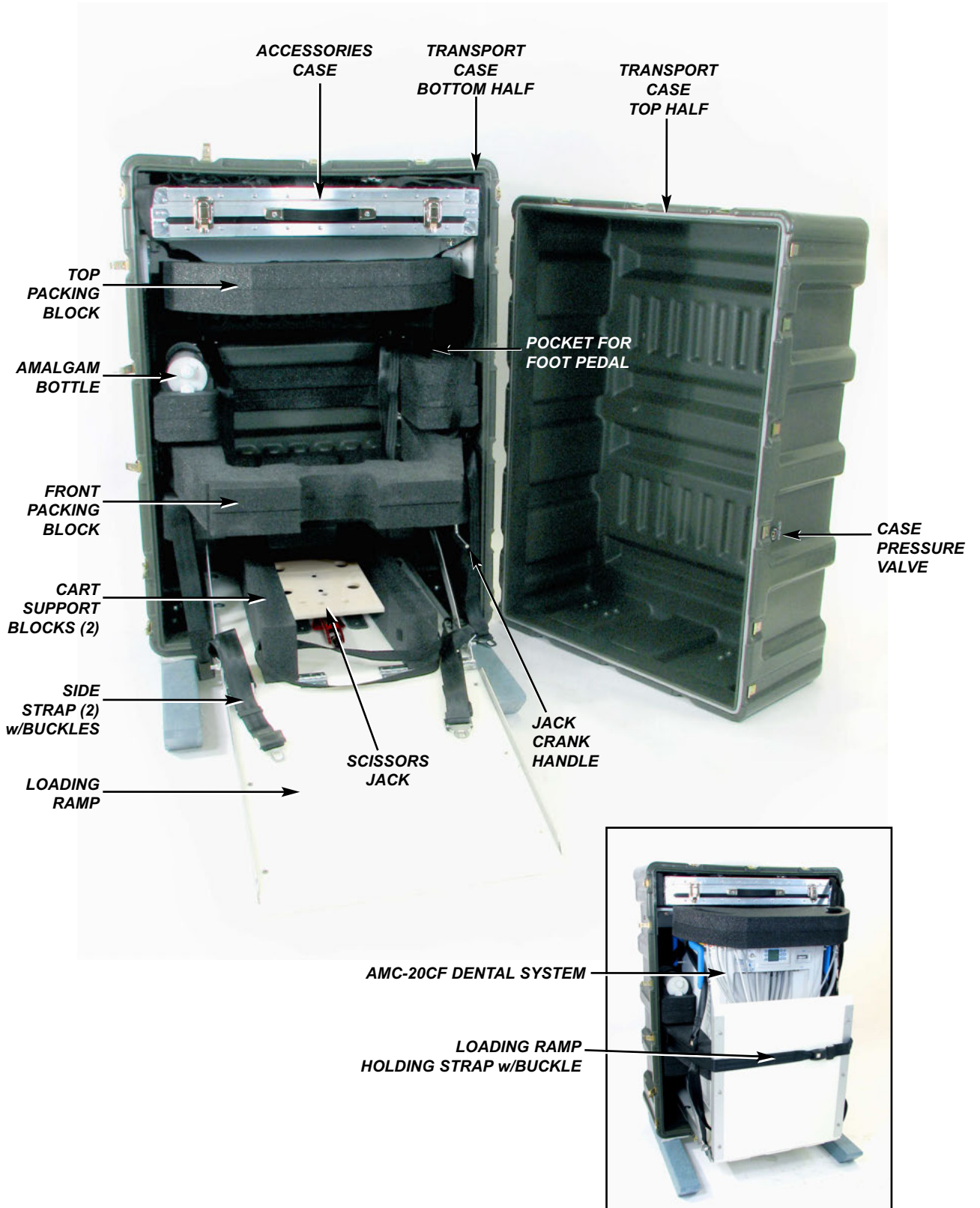
This Packing Guide provides step-by-step instructions for packing or unpacking the AMC-20CF System into its shipping case, which has been specially designed to protect the System and all its accessories during transportation.

AMC-20CF SYSTEM EQUIPMENT & FEATURES



AMC-20CF SHIPPING CASE & COMPONENTS

PN: 410195



IMPORTANT: Unpacking and repacking of the AMC-20CF Dental System requires two or more people. When fully loaded, the module can weigh up to 194 lbs (87.9 kg). Lifting, moving, and joining of the dental cart and transport case requires considerable physical dexterity and strength. Caution should be exercised when removing/assembling this unit into its case.

NOTE: This Manual provides instructions for unpacking and repacking the AMC-20CF System into its transport case. For detailed information on operation of the dental cart and its accessories, refer to its Operation and Maintenance Instruction Manual, PN 420791, included within this AMC-20CF transport case, or contact Aseptico at the address provided on page 9.

UNPACKING THE SYSTEM

Step 1 - Separate the Case Halves:

NOTE: The AMC-20CF transport case includes built-in pallet skids that support the Dental Cart in a vertical upright position when shipping. Before opening the case, the case must first be lowered to a horizontal position so that it rests on its bottom half. The two halves can then be safely detached and separated.

A. Using the handles provided on the case ends, lower the case to a horizontal position so that it's resting on the back side of the bottom half (see Fig. 1A) . (NOTE: The pallet skids are permanently attached to this bottom half.) **IMPORTANT - A minimum of two people are required to lower the case to its horizontal position.**

B. Press the pressure release valve on the side of the case to relieve any pressure buildup inside the case. Unlatch the eighteen clasps holding the two halves together and carefully lift top half off bottom half (see Fig. 1B). Take note of the orientation of the two halves to assure the best fit when reassembling the halves later. Stow top half away for use later during reassembly.

C. Using the handles provided on the top end of the case shell, lift the case and Cart to the vertical upright position (see Fig. 1C). **IMPORTANT - A minimum of two people are required to raise the case to its vertical position.**

Figure 1A - Position Case Horizontally

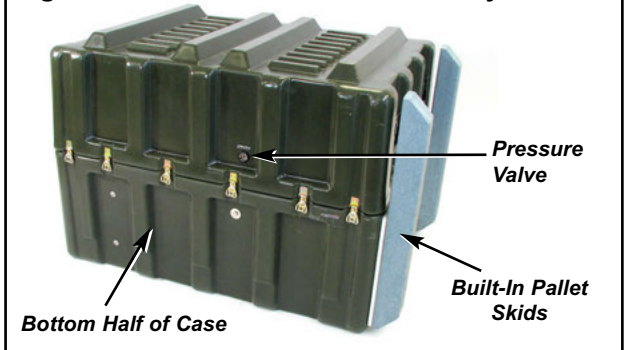


Figure 1B - Remove Top Half

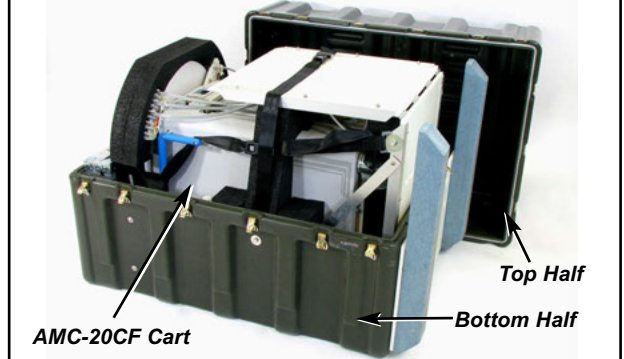
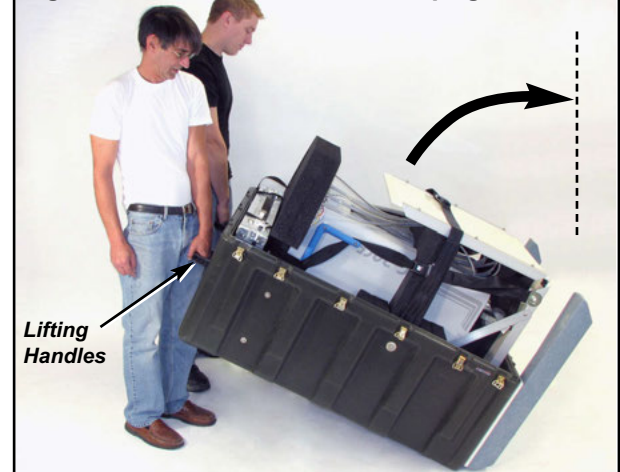


Figure 1C - Stand Case & Cart Upright

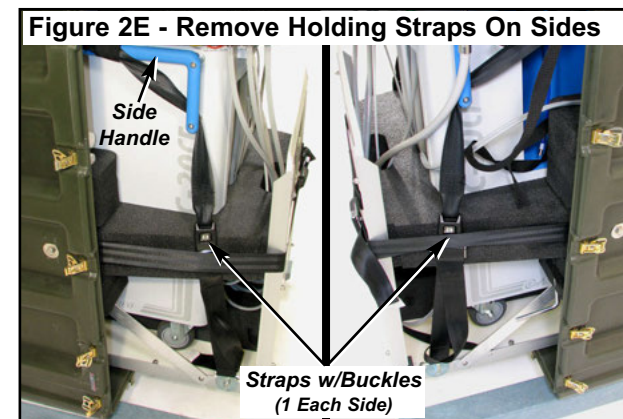
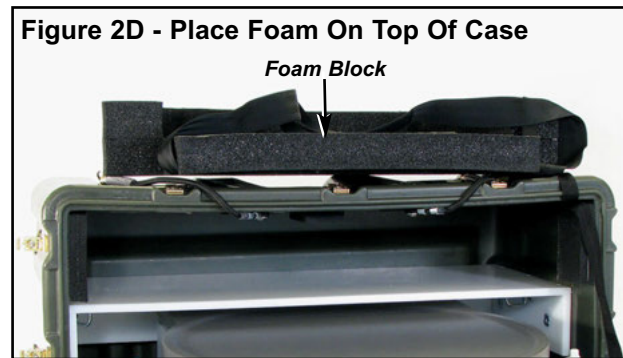
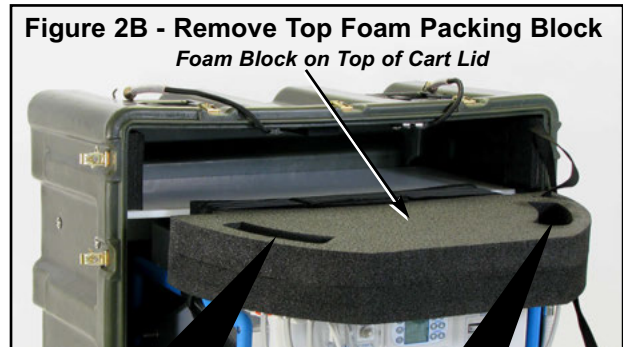


Step 2 - Remove Accessories Case & Packing Materials:

A. Pull the accessories case out of its shelf (see Fig. 2A). Set the accessories case aside for use later, during assembly of the Cart (see Figs. 8 & 9, page 7 for accessories case contents and setup).

B. Carefully lift foam packing block from top of Cart and place on top of case (see Figs. 2B & 2D). Note the orientation of the two cutouts in the block to the corresponding dental instrument holders located on the Cart's rotating arms (see Fig. 2C). **IMPORTANT: Always ensure that the instrument holders are positioned in their respective protective cutouts when transporting the Cart.** The packing block is tethered to the case, to prevent it from getting lost or mislaid.

C. Unbuckle the holding straps on each side of the Cart (push button to release buckle). Unwrap straps from left and right side handles on the Cart (see Fig. 2E). Note how each strap is wound once around the side handle.



Step 2 - Remove Packing Materials - cont'd:

E. Unbuckle the holding straps on each side of the Cart (push button to release buckle). Unwrap straps from left and right side handles on the Cart (see Fig. 2E). Note how each strap is wound once around the side handle.

Step 3 - Deploy Loading Ramp:

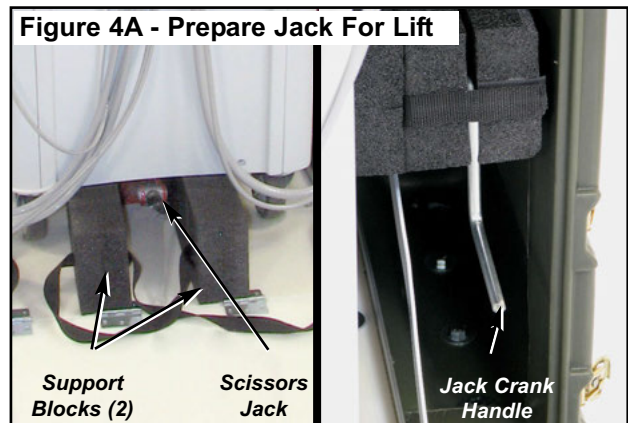
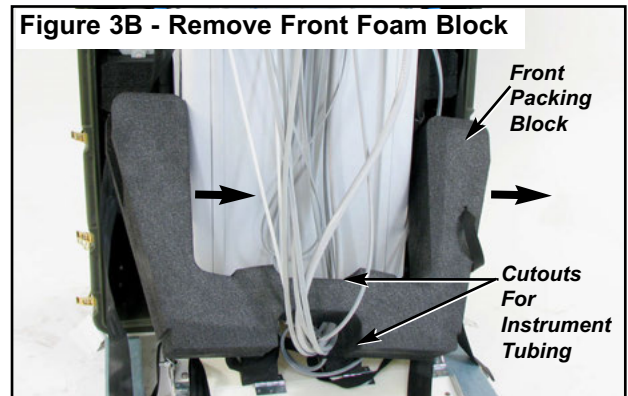
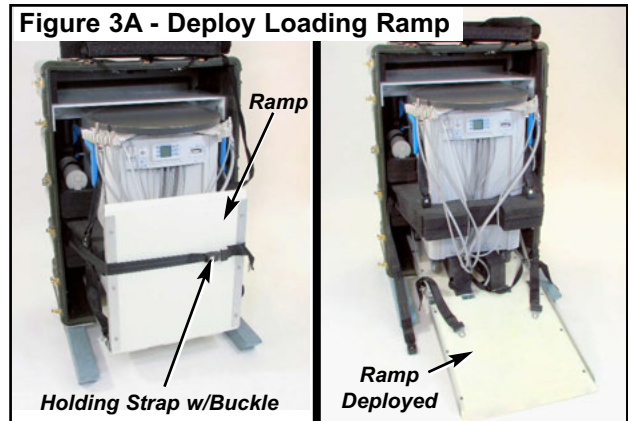
A. Unbuckle the holding strap for the loading ramp (see Fig. 3A) and carefully lower the hinged ramp to the floor.

B. Remove foam packing block from front of Cart by carefully withdrawing the block through the loops of instrument tubing (see Fig. 3B). Note how the instrument tubing is looped through the foam cutouts in the front and back of the block. **IMPORTANT: When transporting the Cart, always ensure that the instrument tubing is looped correctly through their respective foam cutouts.** Place the front block on the top of the case, for reassembly later. The block is tethered to prevent it from getting lost or mislaid.

Step 4 - Raise Cart Off Support Blocks:

A. Locate the scissors jack at the bottom of the Cart, positioned between the two bottom foam support blocks (see Fig. 4A). **IMPORTANT: Before lifting the Cart, ensure that the cutouts in the scissors jack platform align properly with the bolts protruding from the bottom of the Cart.**

B. Locate the jack crank handle in the foam pocket provided on the right hand side of the case (see Fig. 4A). The handle is held in place with a velcro strip.



Step 4 - Raise Cart - cont'd :

C. Attach the crank handle to jack. The hooked end of the handle engages the ring on the end of jack (see Fig. 4B).

D. Slowly and carefully turn the jack crank clockwise to raise the cart, just enough to take the weight off the two support blocks. **IMPORTANT: Provide adequate support to the Cart while raising the jack, to prevent the Cart from tipping forward.** Pull the two support blocks from underneath the Cart and set blocks aside (see Fig. 4B) for repacking later. The blocks are tethered to prevent them from getting lost or mislaid.

NOTE: Repacking the Cart -When using the jack to lower the Cart down onto the two supporting blocks, first allow the Cart to rest on top of the blocks, then raise the jack slightly to apply a very slight pressure against the cart bottom -- **do not lift the Cart off its supporting blocks.**

Step 5 - Lower Cart Onto Loading Ramp:

A. Slowly and carefully turn the jack crank counterclockwise to lower the cart down onto the loading ramp, until it rests firmly on its wheels (see Fig. 5). **IMPORTANT: Provide adequate support to the Cart when lowering the jack, to prevent the Cart from tipping forward.**

B. Pull the scissors jack out of its jacking dock located underneath the Cart (see Fig. 5). Set jack aside for use later when repacking the cart.

NOTE: Repacking the Cart - When positioning the scissors jack underneath the Cart prior to raising it, the cutouts in the jack platform (see Fig. 5) must be aligned to the bolts on the bottom of the Cart.

Step 6 - Offload Cart From Case:

A. Locate the Foot Pedal in the foam compartment located on the right-hand side of the case (see Fig. 6A). Remove Pedal from compartment and place on top of Cart.

B. Stand directly in front of the Cart and grasp the two blue side handles firmly. Slowly and carefully roll the Cart out of the case and guide it down the loading ramp (see Fig. 6B). **IMPORTANT: Provide adequate support to the Cart when rolling it out of the case. This task might require more than one person.**

Figure 4B - Raise Cart Off Support Blocks

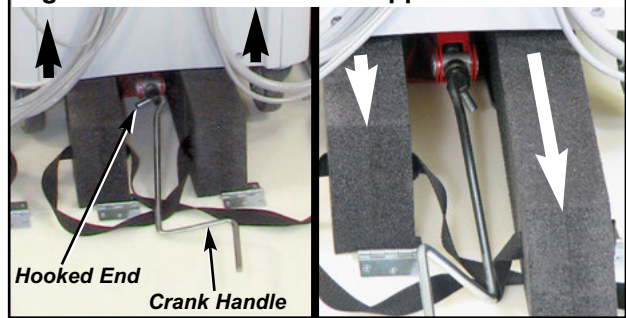


Figure 5 - Lower Cart Onto Loading Ramp

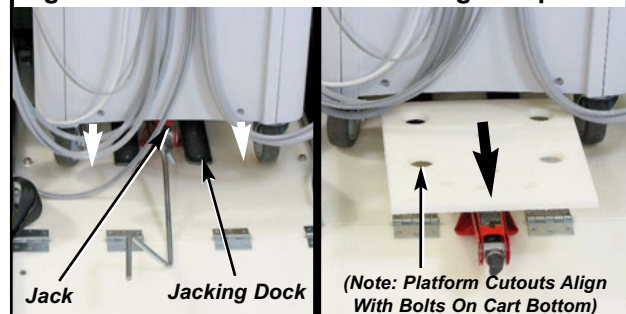


Figure 6A - Move Foot Pedal To Top Of Cart



Figure 6B - Offload Cart From Case



Step 7 - Remove Amalgam Separator Bottle:

A. Locate the amalgam separator bottle in the foam pocket on the left side of the case (see Fig. 7). Detach the velcro holding strap, remove bottle, and set it aside for use during the Cart setup and operation procedures (refer to Operator's Manual for more information).

Step 8 - Accessories Case:

A. Open the Accessories Case and remove the accessory tray, tray holder, post, and adjustable pivot block (see Fig. 8).

B. Remove post-hole plug located on top of Cart Lid. Insert accessory tray post w/pivot block into hole. Place the tray holder arm onto the pin on the pivot block, then install the accessory tray holder onto the arm. Set the metal tray on top of the holder (see Fig. 9). Set tray to desired height by adjusting pivot block with tool provided.

C. Install electric motor w/cable, dental motor handpieces, scaler, curing light, syringe, and power cords per the instructions provided in the AMC-20CF Operator's Manual.

Figure 7 - Remove Amalgam Separator Bottle

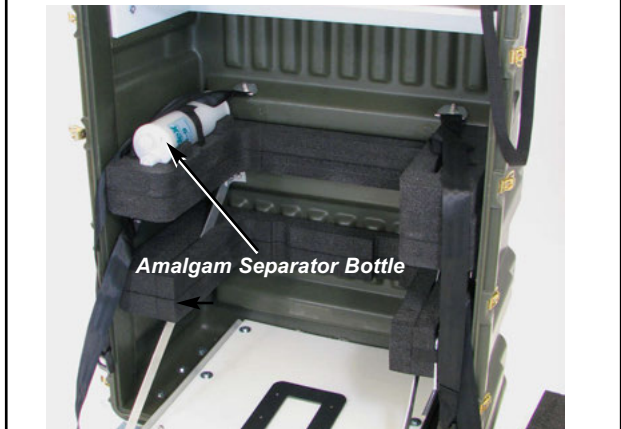


Figure 9 - Install Accessory Tray

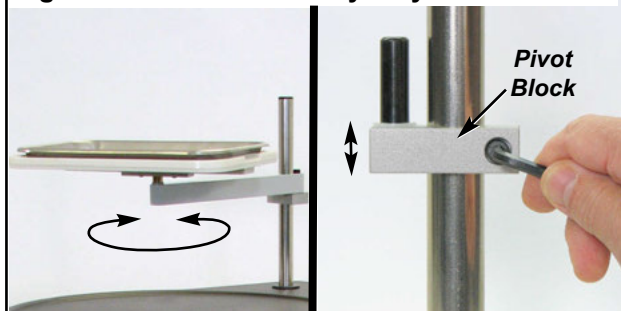
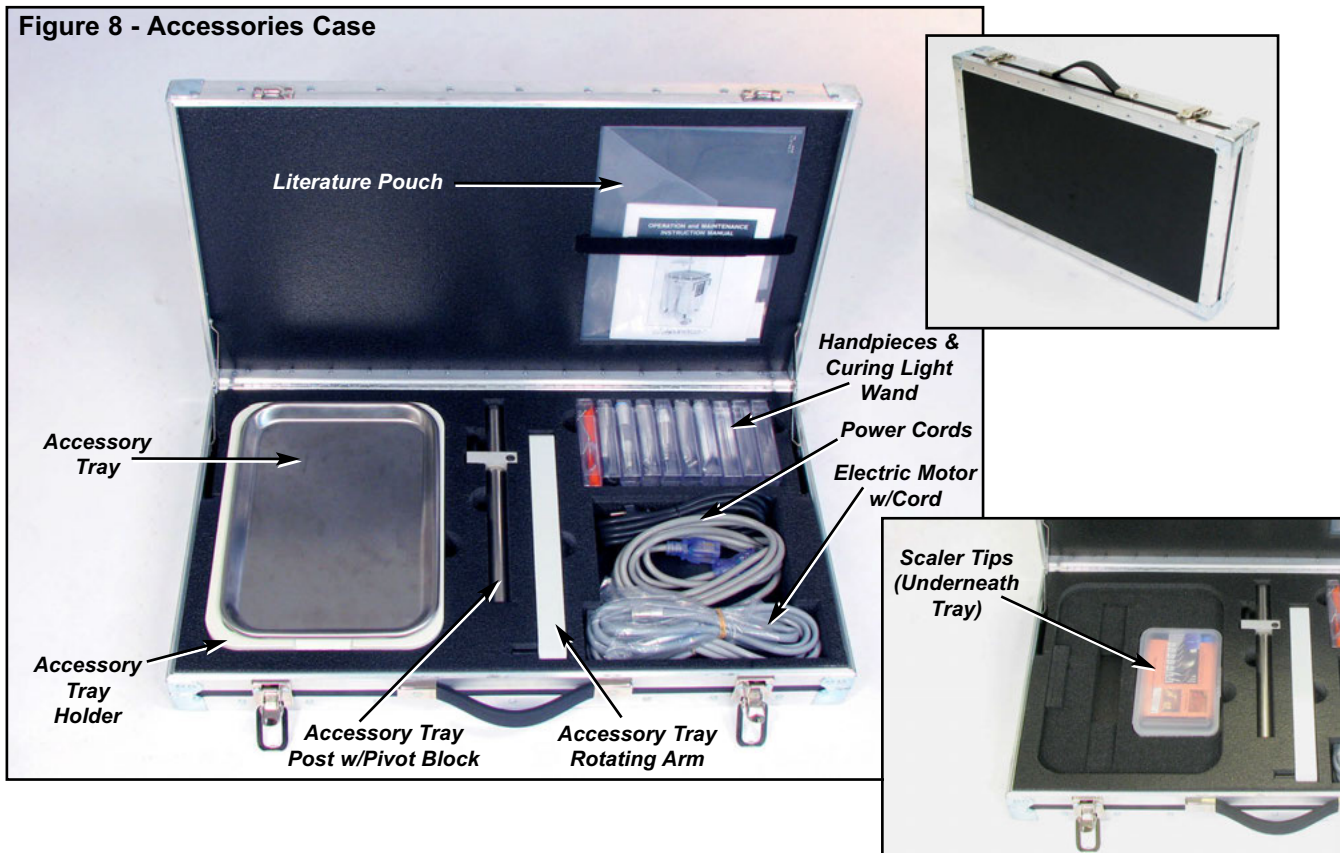


Figure 8 - Accessories Case



Step 9 - Unpacking Complete:

A. This completes the unpacking instructions for the AMC-20CF Dental System (see Fig. 9). For repacking the System, see instructions below.

CAUTION:

DO NOT LIFT CART AT THE CENTER OF ITS SIDE HANDLES. ALWAYS USE A 4-POINT LIFT (AT THE ENDS OF HANDLES WHERE THEY ATTACH TO THE FRAME) WHEN LIFTING THE CART.

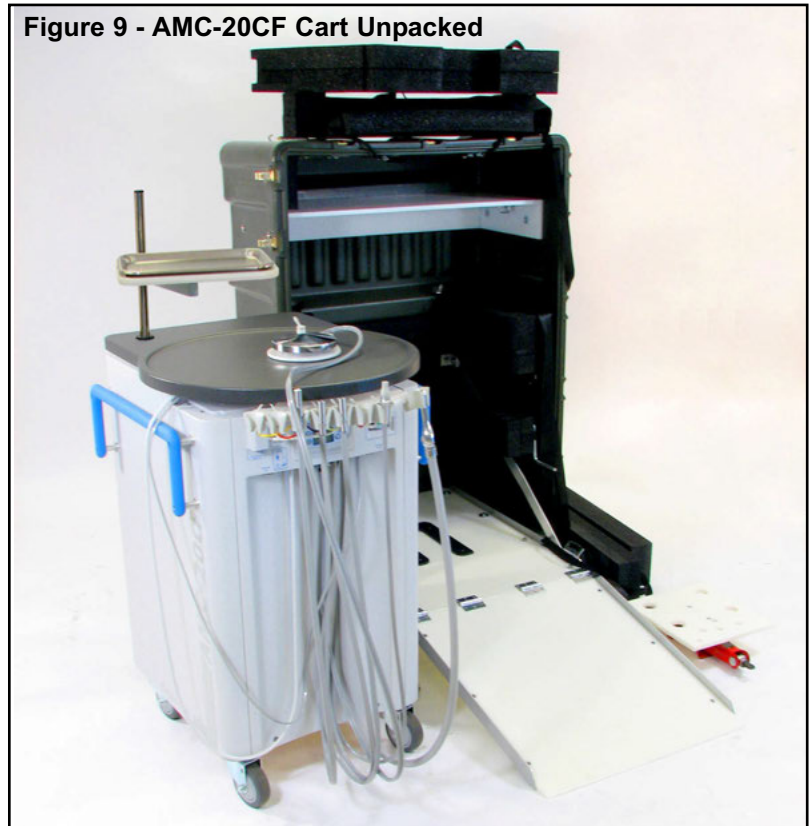
CAUTION:

WHEN TRANSPORTING CASE, DO NOT PLACE HEAVY OBJECTS ON TOP OF CASE.

CAUTION:

BEFORE REPACKING THE CART INTO ITS CASE, ALWAYS REMOVE ALL LIQUID WASTES AND WATER FROM WATER BOTTLES, AMALGAM SEPARATOR, AND BYPASS FILTER

Figure 9 - AMC-20CF Cart Unpacked



REPACKING THE SYSTEM

When repacking the Dental System into its case, follow the unpacking instructions found in this Guide in Reverse Order.

Following are key points to remember when repacking the System:

1. Remove all accessories from the Cart.
2. Remove all liquid wastes and water from water bottles, amalgam separator, and bypass filter.
3. Purge air pressure from air tank.
4. Detach syringe and scaler instruments from their hoses and install into their shipping fasteners located under the Cart's top lid..
5. Open shipping case and deploy built-in loading ramp.
6. Carefully roll the AMC-20CF unit, back side first, up the ramp and into the case. Use the two side handles when pushing/rolling the unit. More than one person might be required to push the unit into the case. **CAUTION: When moving and lifting the Cart, always provide adequate support, to prevent tipping.**
7. Position the scissors jack into the jacking dock which is mounted onto the loading ramp. Push the jack all the way in so it fully seats into the dock. Ensure that the cutouts on the jack platform are properly aligned with the bolts on the bottom of the Cart. Raise the Cart until the bottoms of the casters are approximately 3/4-inch above the ramp floor. Insert the two foam supporting blocks under the cart. Lower the jack until the Cart rests on the blocks, then gently snug the jack back up against the bottom of the Cart.
8. Install the protective foam packing blocks on the front and top of the Cart. Ensure the Cart's dental instrument holders are aligned with the cutouts on the top packing block (carefully rotate the Cart's pivoting arms until the holders are aligned with cutouts). Ensure that the dental instrument hoses are looped correctly through the cutouts on the front and back of the packing block.
9. Stow the amalgam separator block, foot pedal, and jack crank handle into their respective foam compartments and secure with velcro strips.
10. Secure and tighten the holding straps on the sides of Cart. Wrap the straps once around the side handles.
11. Fold the loading ramp up against the front packing block and secure it tightly with the buckled strap provided.
12. Slide the Accessories Case into the top shelf.
13. Carefully lower the case and Cart down onto its back side, until the case lays flat on the floor. This task will require two or more people.
14. Carefully attach the top half of the case to the bottom half (for the best fit, match the same top-to-bottom orientation that the case originally shipped with). Close the clasps tightly on all four sides. Raise entire case to a vertical position, resting on its skids.

AMC-20CF SPECIFICATIONS:

Cart Size:	23.5" W x 30.0" L x 36.5" H (56.69 cm x 76.2 cm x 92.71 cm)
Shipping Case Size:	36.0" W x 34.0" L x 52.0" H (91.44 cm x 86.36 cm x 132.08 cm)
Cart Weight:	158 lbs (71.66 kg)
Shipping Case Weight:	210 lbs (95.25 kg)
Total Shipping Weight:	404 lbs (183.25 kg)
Environmental Conditions:	Transport/Storage Temperature: -40° to 71° C (-40° to 160° F)

NOTE

FOR DETAILED SETUP AND OPERATING INSTRUCTIONS FOR THE ASEPTICO AMC-20CF DENTAL SYSTEM, CONSULT THE OPERATOR'S MANUAL, PN 420791, PACKAGED INSIDE THE SHIPPING CASE.

FOR ADDITIONAL INFORMATION, CONTACT ASEPTICO:

**P.O. Box 1548
Woodinville, WA 98072-1548
1-800-426-5913 • 425-487-3157
Fax: 360-668-8722
email: info@aseptico.com
Internet: www.aseptico.com**

ASEPTICO WARRANTY

Aseptico warrants its products against defects in material or workmanship for a period of two (2) years, from date of original invoice. Some handpieces are warranted for one year under the same conditions. Other handpieces and expendable components, such as air turbines and light bulbs, are covered by shorter warranty periods, or have no warranty. Aseptico's sole obligation under product warranty is (at its sole option and discretion) to repair or replace any defective component or product in part or whole. Aseptico shall be the sole arbiter of such action.

In the event of alleged defect under warranty, the purchaser is to notify Aseptico's Customer Service Department promptly. Customer Service will provide instructions, usually directing that the product be returned for service. Shipment to Aseptico and the cost thereof is always the responsibility of the purchaser.

Accidental misuse, inappropriate installation, or failure to perform directed maintenance voids the warranty. Deliberately defacing, modifying, or removing the serial number voids the warranty.

Aseptico does not assume, under this warranty, any risks or liabilities arising from the clinical use of its products, whether or not such use involves coincidental utilization of products manufactured by others.



P.O. Box 1548 Woodinville, WA 98072-1548
1-800-426-5913 • 425-487-3157 • Fax: 360-668-8722
email: info@aseptico.com • Internet: www.aseptico.com