

Release Film Applicator Uncrating-Crating

V01.01
24 JUNE 2022

Overview

This document provides the uncrating and crating instructions for the Release Film Applicator, and includes the following sections:

1. Required Tools and Supplies
2. Safety
3. Uncrating Instructions
4. Crating Instructions

1 Required Tools and Supplies

- 1.1 The following tables list the required tools and supplies needed to uncrate or crate the Release Film Applicator.

UNCRATING Tools	Additional Information
Claw Hammer	
9/16" wrench	You can also use a power drill with 9/16" socket.
5/16" (2mm) Flathead screwdriver	

CRATING Tools and Supplies	Additional Information
Release Film Applicator Crate	
9/16" wrench	You can also use a power drill with 9/16" socket.
5/16" (2mm) Flathead screwdriver	

2 Safety

- 2.1 The Release Film Applicator weighs approximately 90 pounds and requires 2 people to lift it.
- 2.2 The table where you will place the Release Film Applicator should be secured and/or anchored to the floor.
- 2.3 Carbon recommends wearing steel-toed shoes when moving heavy equipment.
- 2.4 Be mindful of pinch points and wear gloves.

3 Uncrating Instructions

- 3.1 Carbon ships the Release Film Applicator in a custom crate. The following uncrating instructions describe how to open the crate without damaging the crate or the Release Film Applicator inside.
- 3.2 **Contact Carbon support:**
If you run into a problem at any point while uncrating the Release Film Applicator, stop and contact Carbon support.
- 3.3 **Storing the Crate**
 - 3.3.1 The shipping crate is intended to be reused for any future Release Film Applicator shipping. You will need the crate to return your Release Film Applicator at the end of your subscription, or if you ever need to relocate your Release Film Applicator.
 - 3.3.2 As you follow these instructions, set aside the hardware so it can be saved with the crate. If you are unable to store these items, you will need to purchase them from Carbon when you need to re-crate your Release Film Applicator.
- 3.4 Place the Release Film Applicator crate on the floor with ample working space for two people to move around the crate.



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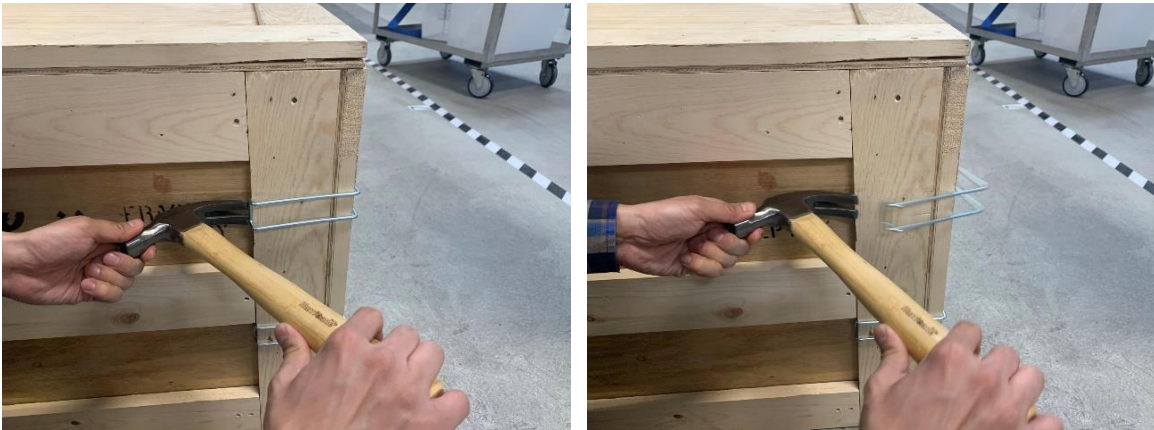
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- 3.5 Use a 9/16" wrench (or power drill and a 9/16" socket) to remove the eight lag screws located around the bottom of the crate.



Remove the 8 lag screws.

- 3.6 Use the claw of a hammer to pry off the six metal corner clips.



Remove the 6 six metal corner clips.

- 3.7 Using 2 people, remove the front panel by lifting it away from the crate.



Remove the front panel to expose the Release Film Applicator inside.

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- 3.8 Using 2 people, remove the crate shell by lifting upwards to reveal the Release Film Applicator in the crate base being held in place with two wood slats.



Remove the crate shell, revealing the Release Film Applicator in the crate base.

- 3.9 Remove the two wood slats by first removing the nuts and the two washers on each of the four threaded studs. The wood slats are held in place with either 9/16" hex nuts or wing nuts.



After removing either the **hex nut** or wing nut, remove the **lock washer** and **washer**.

- 3.10 Remove the plastic bubble wrap that is around roller.



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- 3.11 Using 2 people, lift the Release Film Applicator from the crate onto your workstation. Make sure your workstation is secured and/or anchored to the floor.

Caution! The Release Film Applicator weighs about 90 pounds, and the roller side is heavier.



- 3.12 Using a 5/64" flathead screwdriver, unlock the handle by turning the screw counterclockwise one quarter turn.



- 3.13 Your Release Film Applicator is now ready for use.



- 3.14 Reassemble and store the crate.

3.14.1 Gather the crate and hardware (brackets, lag screws, nuts and washers, and bubble wrap) that you removed while uncrating the Release Film Applicator.

3.14.2 Place the hardware (except the lag screws) into the crate and reattach the two wood slats using the four nuts, washers, and lock washers. You will use the lag screws in the next steps.

3.14.3 Using two people, place the crate shell onto the crate base.

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- 3.14.4 Line up the holes on the bottom of the crate shell with the holes on the crate base and use a 9/16" wrench (or power drill with a 9/16" socket) to attach the eight lag screws around the bottom of the crate shell.



- 3.14.5 Using 2 people, place the crate front panel on the crate. Hold the front panel in place until it is attached using the metal clips in the next step.

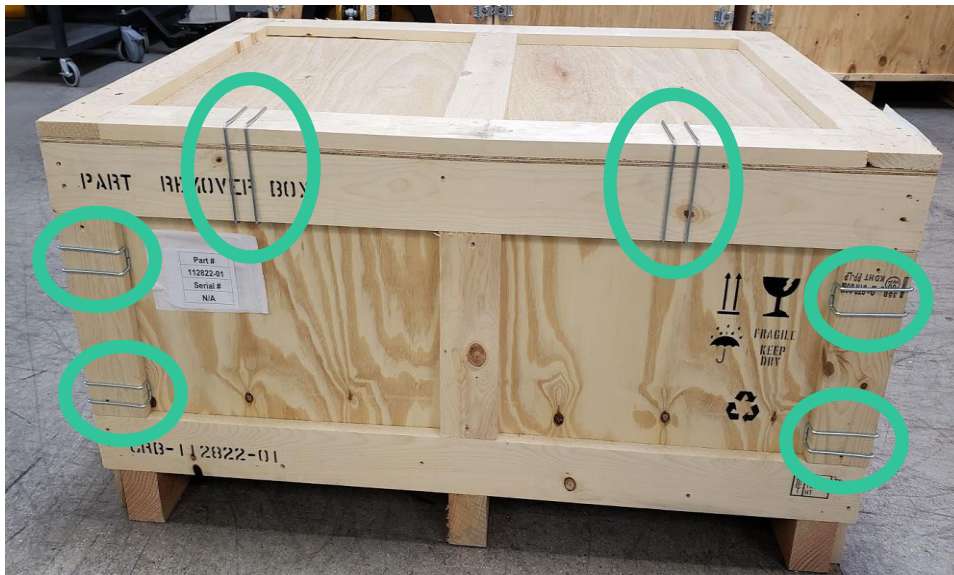


- 3.14.6 Use the six metal corner clips and snap them in place to secure the crate and front panel (2 along each side and 2 at the top), as shown in the pictures below. Hook the solid end of the clip onto the crate cover and push the clip until the split end snaps into place onto the front panel.



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The green circles show the six clips in place.

3.14.7 Store the crate for future use.

3.15 This completes the Release Film Applicator uncrating instructions.

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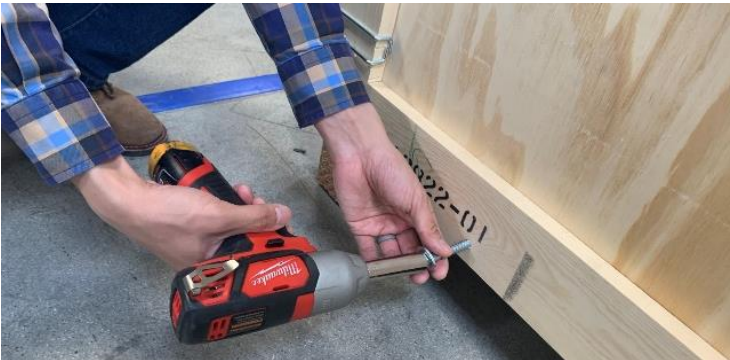
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4 Crating Instructions

- 4.1 Carbon uses a custom crate for the Release Film Applicator. The following crating instructions describe how to open the empty crate and securely pack the Release Film Applicator without damaging the crate or the product inside. Typically, you will be using these instructions to return a Release Film Applicator to Carbon, or to ship it to a different location.
- 4.2 Locate the crate, hardware (brackets, wood slats, lag bolts, nuts and washers, and foam blocks). Typically, the hardware should be inside the crate. If you are missing anything, contact Carbon Support to obtain what you need to properly crate the product.
- 4.3 You will need to set aside the hardware that you remove when you open the crate, so you can reuse it to secure the crate with your Release Film Applicator inside.
- 4.4 Identify an appropriate work area on the floor with ample space for two people to move around the crate.
- 4.5 Move the crate to the working area.



- 4.6 Use a 9/16" wrench (or power drill with a 9/16" socket) to remove the eight lag screws located around the bottom of the crate.



Remove the 8 lag screws.

- 4.7 If you have received an empty crate from Carbon, then there will be two nails located at the bottom center of the short sides of the crate (one nail is on each side). Use the claw of the hammer to pull out the nail located at the bottom center of each short side of the crate, as shown in the pictures below. (You can discard these nails.)



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- 4.8 Use the claw of a hammer to pry off the six metal corner clips.



Remove the 6 six metal corner clips.

- 4.9 Using 2 people, remove the front panel by lifting it away from the crate to reveal the crate base.



Remove the front panel to expose the crate base.

- 4.10 Using 2 people, remove the crate shell by lifting it away from the crate base.
- 4.11 Remove the two wood slats. The wood slats are held in place with either 9/16" hex nuts or wing nuts. In either case, remove the nuts and the two washers on each of the four threaded studs, then remove the two wood slats.



After removing either the **hex nut** or wing nut, remove the **lock washer** and **washer**.

- 4.12 Remove the brackets and bubble wrap from the crate.

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- 4.13 Using a 5/64" flathead screwdriver, lock the handle by turning the screw clockwise one quarter turn. This prevents the handle from moving while inside the crate.



- 4.14 Using 2 people, lift the Release Film Applicator into the crate with the roller side farther away from the threaded bolts. **CAUTION!** The Release Film Applicator weighs about 90 pounds, and the roller side is heavier.



- 4.15 Using the bubble wrap that was saved during the Release Film Applicator uncrating, place the plastic bubble wrap around the roller to help protect the roller from being damaged while inside the crate.



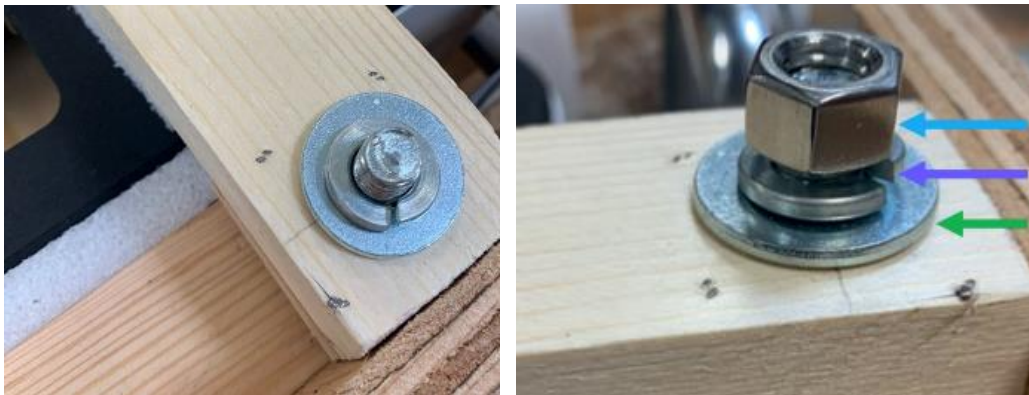
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- 4.16 Place the 2 wood slats onto the threaded studs. Note that the wood slat with foam along its edge should be installed such that the foam faces the aligner as shown in the picture below.

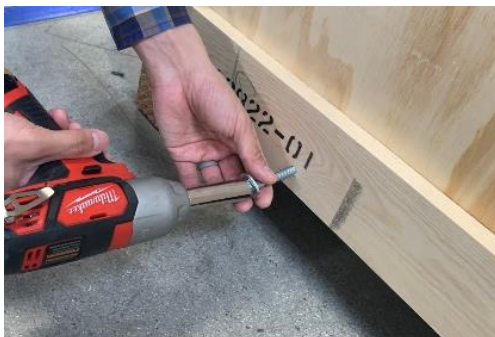


- 4.17 The crate comes with either the 9/16" hex nuts or wing nuts to secure the wood slats. In either case, attach the nuts and the two washers on each of the four threaded studs.



Insert the **washer** and **lock washer** before attaching the **hex nut** or wing nut.

- 4.18 Using two people, place the crate shell onto the crate base.
- 4.19 Line up the holes on the bottom of the crate shell with the holes on the crate base and use a 9/16" wrench (or power drill with a 9/16" socket) to attach the eight lag screws around the bottom of the crate shell.



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- 4.20 Using 2 people, place the crate front panel on the crate. Hold the front panel in place until it is attached using the metal clips in the next step.



- 4.21 Use the six metal corner clips and snap them in place to secure the crate and front panel (2 along each side and 2 at the top). Hook the solid end of the clip onto the crate cover and push the clip until the split end snaps into place onto the front panel.



The green circles show the six clips in place.

- 4.22 This completes the Release Film Applicator crating instructions.