

OPUS® Column 36 cm Non-Wood Unpackaging

User Guide

UG-OPUS Column 36cm Non-Wood Unpackaging-1. Document Status is Effective as of 2023-11-06T11:

UG-OPUS Column 36cm Non-Wood Unpackaging-01

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Contents

1. Introduction..... 4
 2. Read prior to opening crate 4
 3. Procedure 5
 4. Index..... 15

List of figures

Figure 1. Ramp and U-sheet..... 4
 Figure 2. Tape and hook and loop 5
 Figure 3. Lid..... 6
 Figure 4. Sidewalls 7
 Figure 5. Collar 8
 Figure 6. U-sheet..... 9
 Figure 7. Ramp 10
 Figure 8. Resin sample box 11
 Figure 9. Removing support blocks..... 12
 Figure 10. Attaching the ramp 13
 Figure 11. Casters..... 14
 Figure 12. Removing the column 14

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1. Introduction

The purpose of this guide is to provide instructions for removing an OPUS® 36R Pre-packed Column from a non-wood shipping container. Please read completely before beginning. For your safety, take note of the steps that require two people.

2. Read prior to opening crate

Caution: *CASTERS ARE LOCKED IN 36R SHIPMENT. Immediately prior to rolling the column down the ramp, ensure casters are switched to the unlocked orientation by pressing on the caster lever.*

- Red arrows indicate direction.
- Each crate is equipped with an attachable ramp (Figure 1, Number 1) for unloading the OPUS Column. The ramp is covered by the U-sheet (Number 2).

Figure 1. Ramp and U-sheet



3. Procedure

Step 1.

Remove all stretch wrapping and strapping from all sides of non-wood crate.

Step 2.

Cut open the four tapes on the bottom tray of the crate ([Figure 2A](#)) and fold down the flaps to expose the hook and loop strips ([Figure 2B](#)).

Figure 2. Tape and hook and loop



Step 3.

Remove crate top lid ([Figure 3](#)).

Figure 3. Lid



Step 4.

Lift and remove both sidewalls from crate base ([Figure 4](#)).

Figure 4. Sidewalls



Step 5.

Remove collar ([Figure 5](#)) from the column.

Figure 5. Collar



Step 6.

Remove the U-sheet from far-right ([Figure 6](#)).

Figure 6. U-sheet



Step 7.

Remove the ramp and lay on the ground facing the crate side with hook and loop strips ([Figure 7](#)).

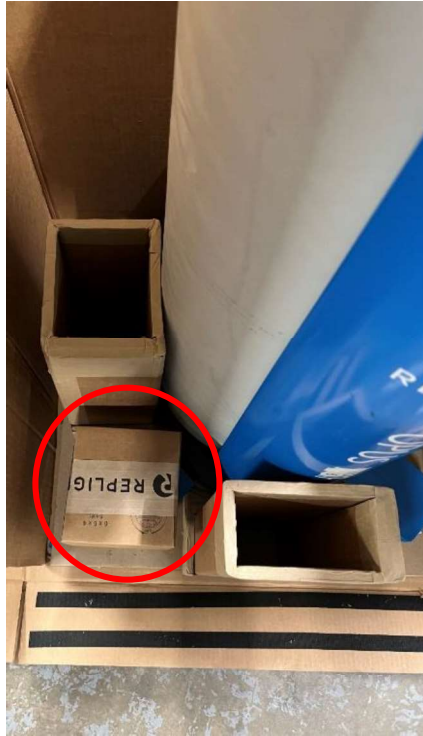
Figure 7. Ramp



Step 8.

If applicable, retrieve resin sample box located in front left corner of crate base ([Figure 8](#)).

Figure 8. Resin sample box



Step 9.

With the **casters locked**, carefully tilt the column to the left, to the right, and backwards by supporting the black top cap and remove the L-shaped bottom support blocks ([Figure 9](#)).

Note: The rear L-shaped bottom support block is stationary and cannot be removed.

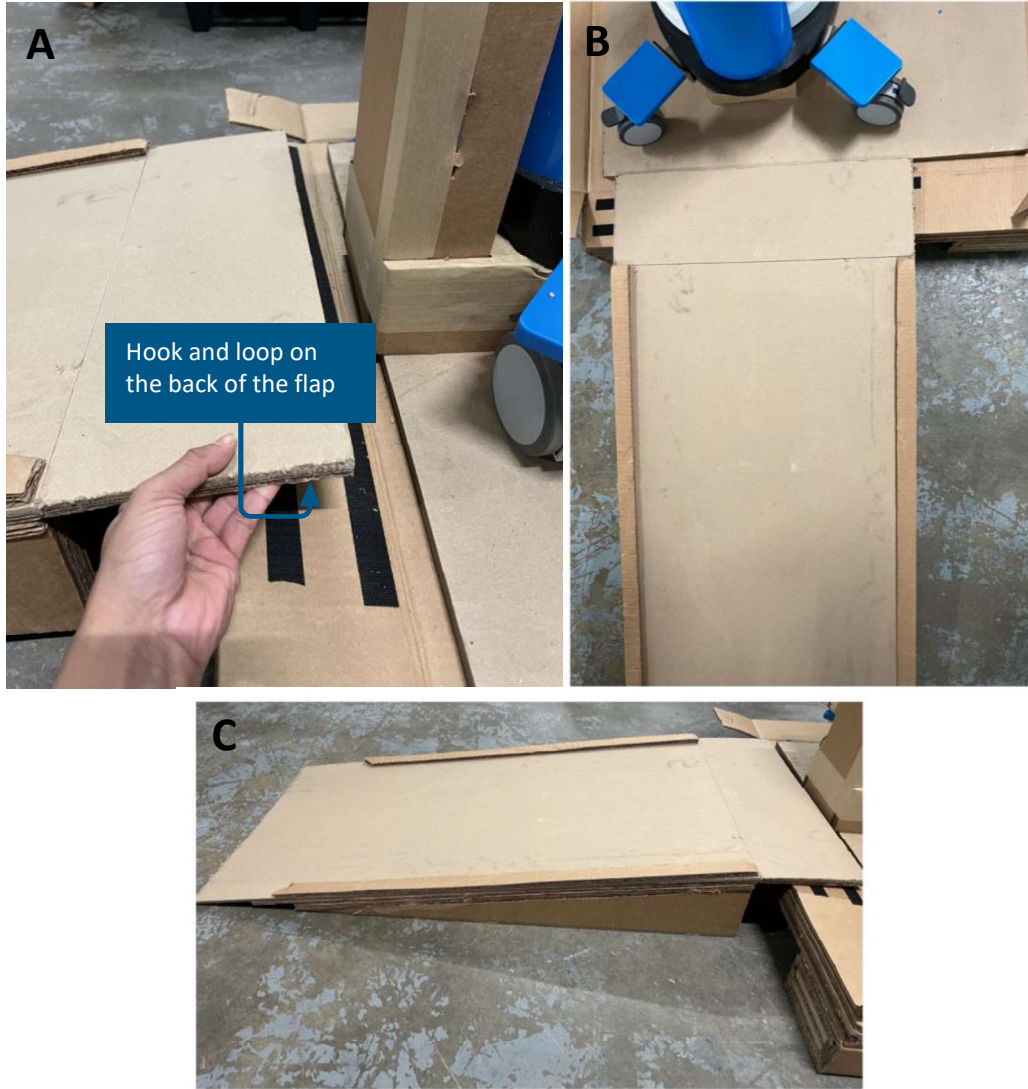
Figure 9. Removing support blocks



Step 10.

Fold up the ramp flap with hook and loop strips ([Figure 10A](#)) and attach it to the crate flap with hook and loop strips ([Figure 10B](#) and [C](#)).

Figure 10. Attaching the ramp



Step 11. **Unlock all four casters by pushing the levers up** (Figure 11).

Caution: This step must be completed to avoid severe damage to the column and harm to personnel.

Figure 11. Casters



Step 12. **TWO OPERATORS** are needed to remove the column from the crate. Slightly lift and push the column off the support beam (Figure 12A) and GENTLY roll it off the ramp (Figure 12B).

Caution: Do NOT grab the column by the white inlet and outlet ports on the black top cap.

Figure 12. Removing the column



Step 13. Break down and dispose of all crate components in corrugated compactor or other traditional corrugated recycling streams.

4. Index

Casters	4, 14	Resin sample box	11
Collar	8	Safety	4
Column	4	Sidewalls	7
Ramp	4, 10, 13, 14	Support blocks	12

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