



Nordson Corporation

# OPERATOR'S CARD

P/N 107 172C

## Rhino<sup>®</sup> Bulk Unloader Container Change

### Safety

The following symbols warn against dangers or possible sources of danger. Become familiar with them. Failure to heed a warning could lead to personal injury, equipment damage, or both.



**WARNING:** Allow only qualified personnel, wearing protective clothing, gloves, and safety goggles, to perform the following tasks. Observe and follow the safety instructions in this document and all other related documentation.



**WARNING:** Do not open the bleed valve more than two turns. The bleed valve and material may be forced from the valve body if loosened more than three turns.



**WARNING:** Severe personal injury could result if your hands or fingers are caught between the follower plate and container. Keep your hands clear of this area.



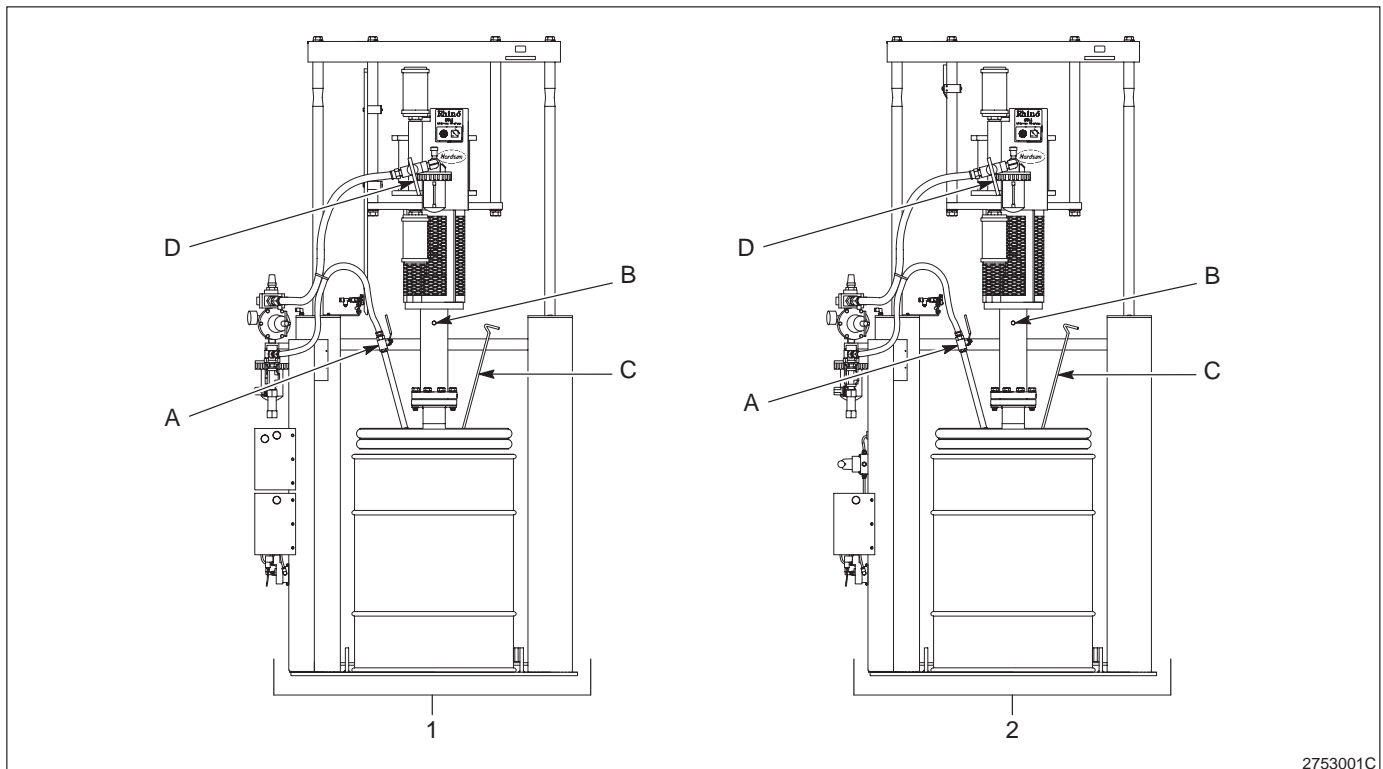
**CAUTION:** Do not use a damaged container. A damaged container can damage the follower plate, follower plate seals, or sealing device when the follower plate is lowered.

### Container Changing

The figure in this document shows both a two-hand down actuator unit (1) and a rotary actuator unit (2). The unloaders portrayed may be equipped with options that your unloader does not have. These procedures include steps for the blow-off option and the container hold-down option. If you have any questions about this procedure and how it may differ from your unit, contact your Nordson Corporation representative.

**NOTE:** Refer to your unloader controls manual for complete, in-depth operation information.

## Container Changing *(contd.)*



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1. Shut off air to the air motor (D).
2. Place the unloader in the NEUTRAL position.
3. Open the blow-off ball valve (A).
4. Initiate elevator UP movement. If the container begins to rise off unloader frame, place the elevator in NEUTRAL to allow the container to return to the frame. Then, resume UP movement.
5. Raise the elevator until it reaches its maximum height, clear of the container.
6. Close the blow-off ball valve (A).
7. Unlatch the hold-down if used, and remove the old container. Center a new, undamaged container under the follower plate. If used, latch the hold-down.
8. Coat the follower plate seals with a compatible lubricant, if required.
9. Remove the bleeder stem (C).
10. Initiate elevator DOWN movement to lower the follower plate into the container.
11. Allow air to bleed from bleeder stem fitting as follower moves downward. When you see a continuous flow of material flowing from the bleeder stem fitting, stop elevator DOWN movement. Place the unloader in NEUTRAL.
12. Replace the bleeder stem (C).
13. Initiate elevator DOWN movement to apply downward force to the elevator.
14. Turn on air to the air motor (D).
15. Using minimal pump air pressure, bleed remaining air through bleed valve (B) and dispense guns.

**NOTE:** Pail units—Do not use the optional check valve to bleed air from the unit. Use the bleed valve (B) that is located on the back of the hydraulic section.

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