

SuperLoader™ Magazine Installation and Configuration Quick Start Guide

This Quick Start Guide contains a sequence of steps recommended for unpacking, installing, and configuring a tape cartridge magazine for the SuperLoader.

These instructions are for both the SuperLoader DLT™ (which includes the SuperLoader SDLT) and the SuperLoader LTO due to the nature of their similarities. In general, the SuperLoader DLT is used in the illustrations. Though the components are similar in appearance, many components are not interchangeable. These include the magazines, cartridges, drive carrier assembly, magazine blank, magazine handle, and the bar code reader. Please order the appropriate part numbers when replacing these items.

For additional information, visit www.quantum.com, refer to the *Quantum Superloader Automated Tape Library User Manual* installed as a PDF (portable document format) file on the enclosed CD, or contact Quantum Technical Support and Customer Service by calling 1-800-284-5101.

Note: Adobe® Acrobat® Reader 4.0 or later is required to view and print PDF documents. To download a free copy of Adobe Acrobat Reader, go to www.adobe.com.

Step 1: Unpack the Magazine

- a. Look for markings on the shipping carton that indicate the top. If necessary, position the carton so that it is top-side up.
- b. Using scissors, a utility knife, or other appropriate tool, carefully cut the packing tape along the length and ends of the carton. Fold open the carton flaps.
- c. Reach into the carton and lift out the magazine.
- d. Remove the foam caps from each end of the magazine.
- e. Place the magazine on a flat surface and rotate the assembly using the manual indexing wheel.

When the carrier assemblies rotate freely, the magazine is ready for use.

Caution: When removing magazines or magazine blanks, be certain that no robotic operations are in process. Failure to do so will stop the robot.

Step 2: Remove a Magazine or Magazine Blank

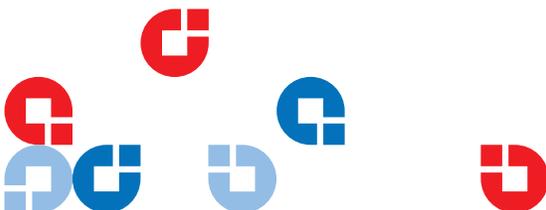
Note: If you are removing a magazine blank, substeps a-c below are not necessary. Skip to substep d.

- a. On the SuperLoader front panel, scroll to `Commands` and press `Enter`.
- b. On the `Commands` submenu, scroll to `Eject` and press `Enter`.
- c. On the `Eject` submenu, scroll to either `Right Magazine` or `Left Magazine` (as appropriate) and press `Enter`.

The selected magazine is ejected from the SuperLoader.

Caution: To prevent damage to the SuperLoader or the magazine/magazine blank, use both hands to support the magazine/magazine blank as you remove it from the SuperLoader.

- d. Grasp the magazine/magazine blank by the handle with one hand and slide it out carefully while supporting it from underneath with the other hand.



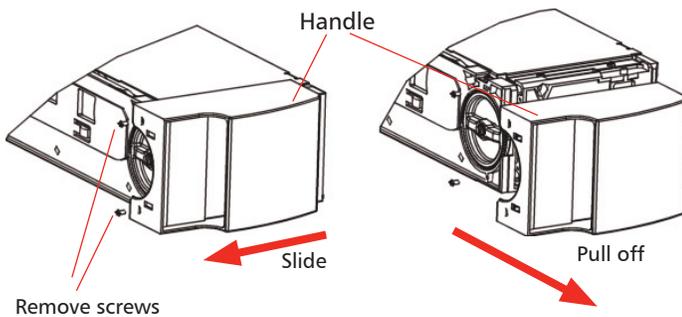
Step 3: Change the Magazine Orientation (If Necessary)

Any magazine can be configured to fit in the right or left magazine bay. In default configuration, the magazine is oriented for the left bay. If the magazine is to be installed in the right bay, follow these steps:

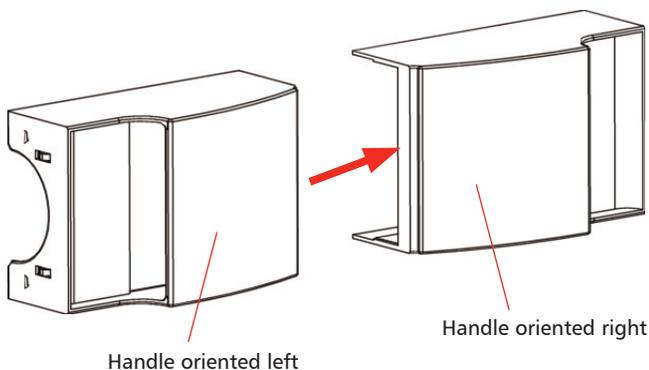
- Position the magazine on the work surface so that the two-cartridge openings are on top.
- Remove the two screws that secure the handle to the front of the magazine.

Caution: Be careful not to break the hinge on the handle as you remove it from the magazine.

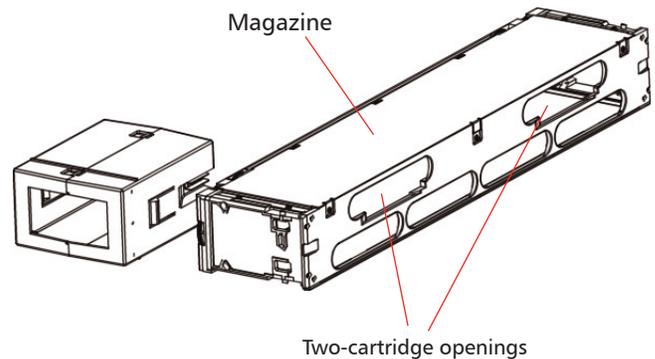
- Detach the handle by first sliding it in the direction of the screws removed previously and then pulling it off the magazine.



- Rotate the handle 180 degrees so that what was the top of the handle is now the bottom.



- Rotate the magazine 180 degrees so that what was the front of the magazine is now the back. Make sure the two-cartridge openings are still on top.



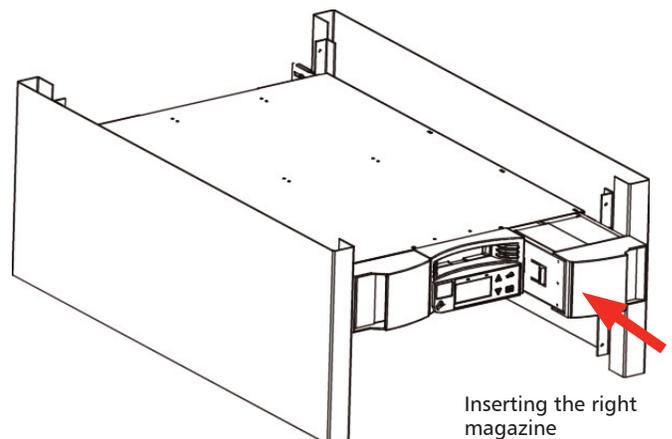
- Snap the handle on the front of the magazine and use the two screws removed previously to secure the handle in place.

Step 4: Reinstall a Magazine

Caution: To prevent damage to the SuperLoader or the magazine, use both hands to support the magazine as you install it in the SuperLoader. Also, ensure the magazine is properly positioned before slowly sliding the magazine into the bay.

- Grasp the magazine by the handle with one hand and support it underneath with the other hand.
- Slide the magazine into the magazine bay. Make sure you position the magazine correctly; it should slide in smoothly.

The magazine is fully inserted when you feel it click into place and the front of the magazine is flush with the front panel of the SuperLoader.



Appendix A: Remove/Reinstall a Magazine Blank

In default configuration, a magazine blank is installed in the right magazine bay when the SuperLoader is ordered with a 8-tape cartridge capacity. This blank must be removed to upgrade the SuperLoader to a 16-tape cartridge capacity. This is explained in the preceding steps of this Quick Start Guide.

This appendix contains information about removing, installing, and changing the orientation of the magazine blank.

Caution: When removing magazines or blanks, be certain that no robotic operations are in process. Failure to do so will stop the robot.

Removing the Magazine Blank. The magazine blank is not held in place like the magazine is. To remove it, simply pull the magazine blank out by the handle with one hand while supporting the blank from underneath with the other hand.

Reinstalling the Magazine Blank. To reinstall the magazine blank, make sure you have the blank in the proper orientation for the bay. Then, while holding the blank by the handle with one hand and supporting it underneath with the other hand, slide it into the bay until it stops.

Changing the Orientation of the Magazine Blank. Under normal circumstances, the magazine blank should always be installed in the right bay. If for some reason, a magazine blank needs to be installed in the left bay, you can change the orientation of the blank by following these steps:

- (1) Remove the two screws that secure the handle to the front of the magazine blank.
- (2) Remove the handle carefully; take care not to break the hinge on the handle.
- (3) Rotate the handle 180 degrees so the top of the handle is now on the bottom and the bottom of the handle is on the top.
- (4) Snap the handle back on the front of the magazine blank.

Note: There is no need to rotate the blank.

- (5) Install the two screws to secure the handle to the magazine blank.

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