Kodak

Magnus 400 Family

Visual Reference Guide
English

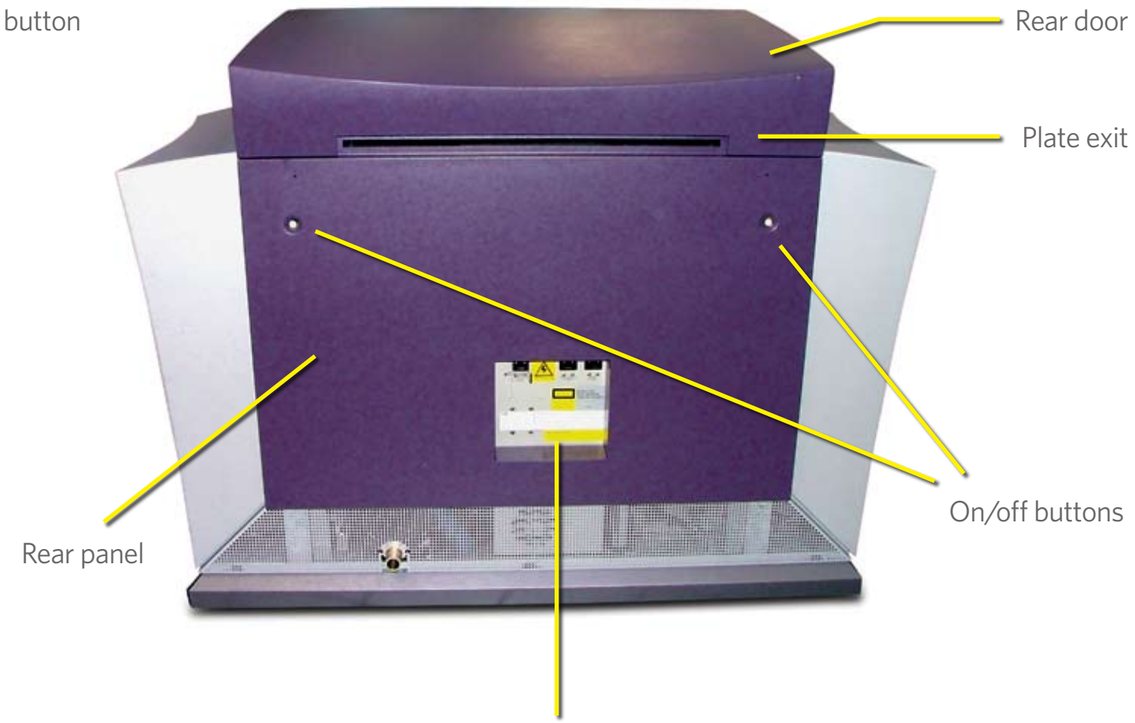
653-00902B-EN Rev A
Internal 731-00349B-EN Rev A

Identify Components

Front View



Rear View

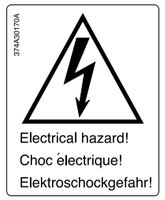


Observe Safety Precautions

Before operating or performing maintenance, read *Magnus 400 Safety Precautions for Users* (653-00904A) or *Magnus 400 Quantum Safety Precautions for Users* (653-00905A). Pay attention to safety labels.





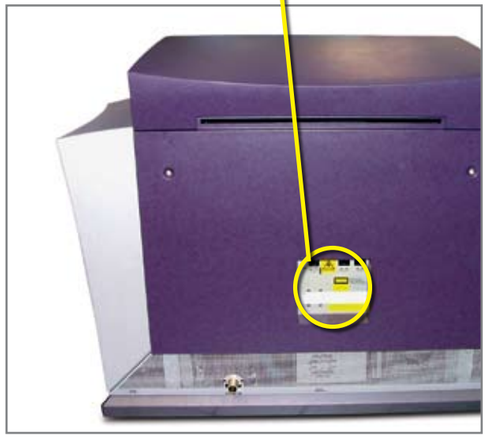


Turn On the Platesetter

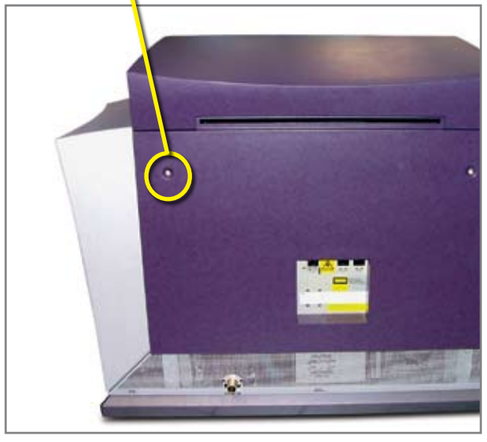
1 Verify that the air pressure is 6 bar (90 psi).



2 Turn on the main power switch in the distribution box.



3 Press the on/off button.



4 Double-click the **Magnus 400** icon.

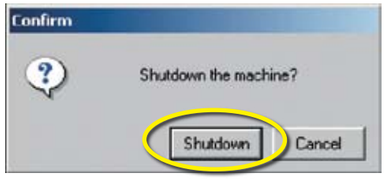


Turn Off the Platesetter

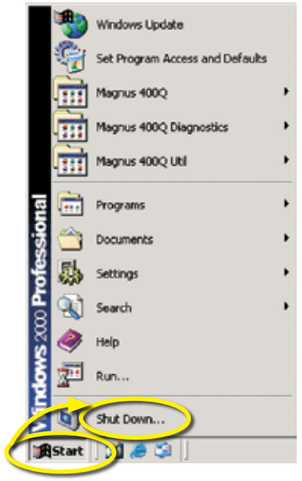
1 Select **Routine Functions > Shut Down**.



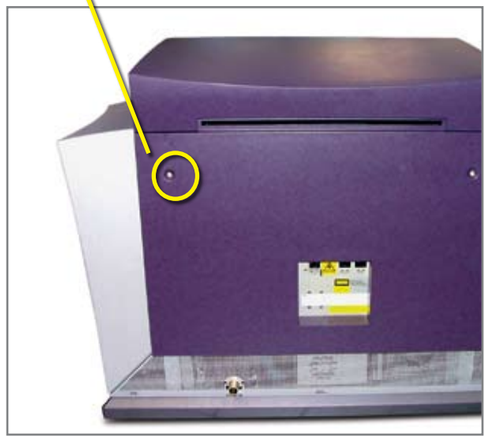
2 Click **Shutdown**.



3 Select **Start > Shut Down**.



4 Press the on/off button.

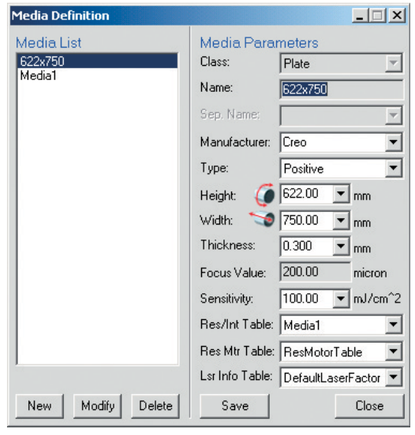


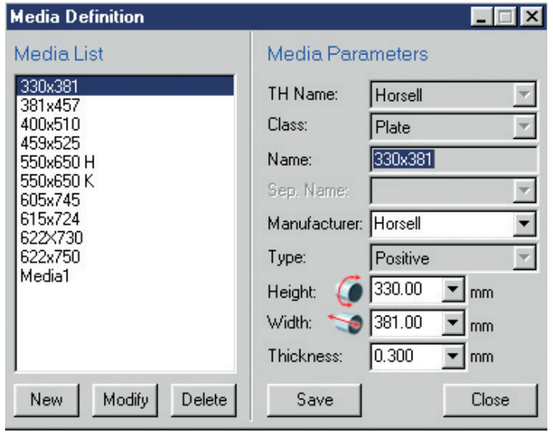
Define a Plate

1 Select **Settings > Media Definitions**.



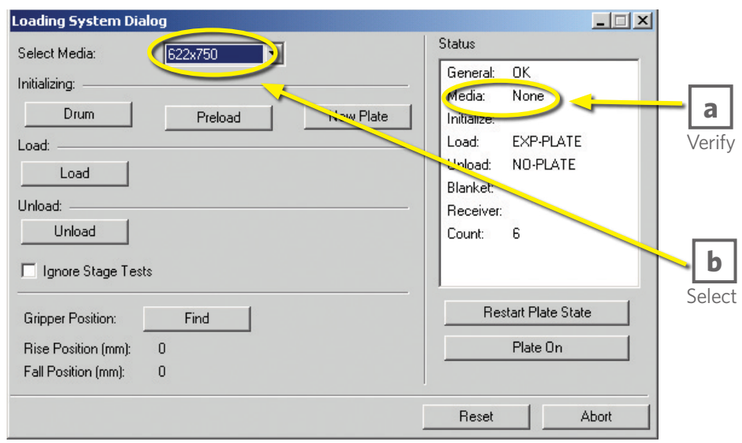
2 Define the plate parameters.





Load a Plate

1 Select **Utilities > Hardware > Loading System > Loading System.**



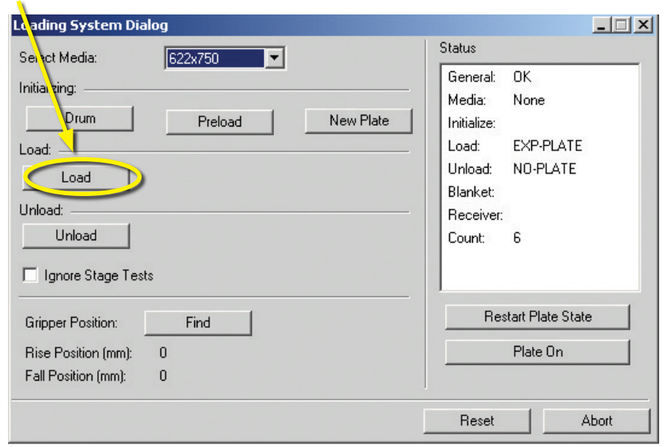
2 Place the plate on the loading tray (emulsion side down).



3 Close the door.

Click

The plate is loaded onto the drum.



Expose a Plate via Brisque

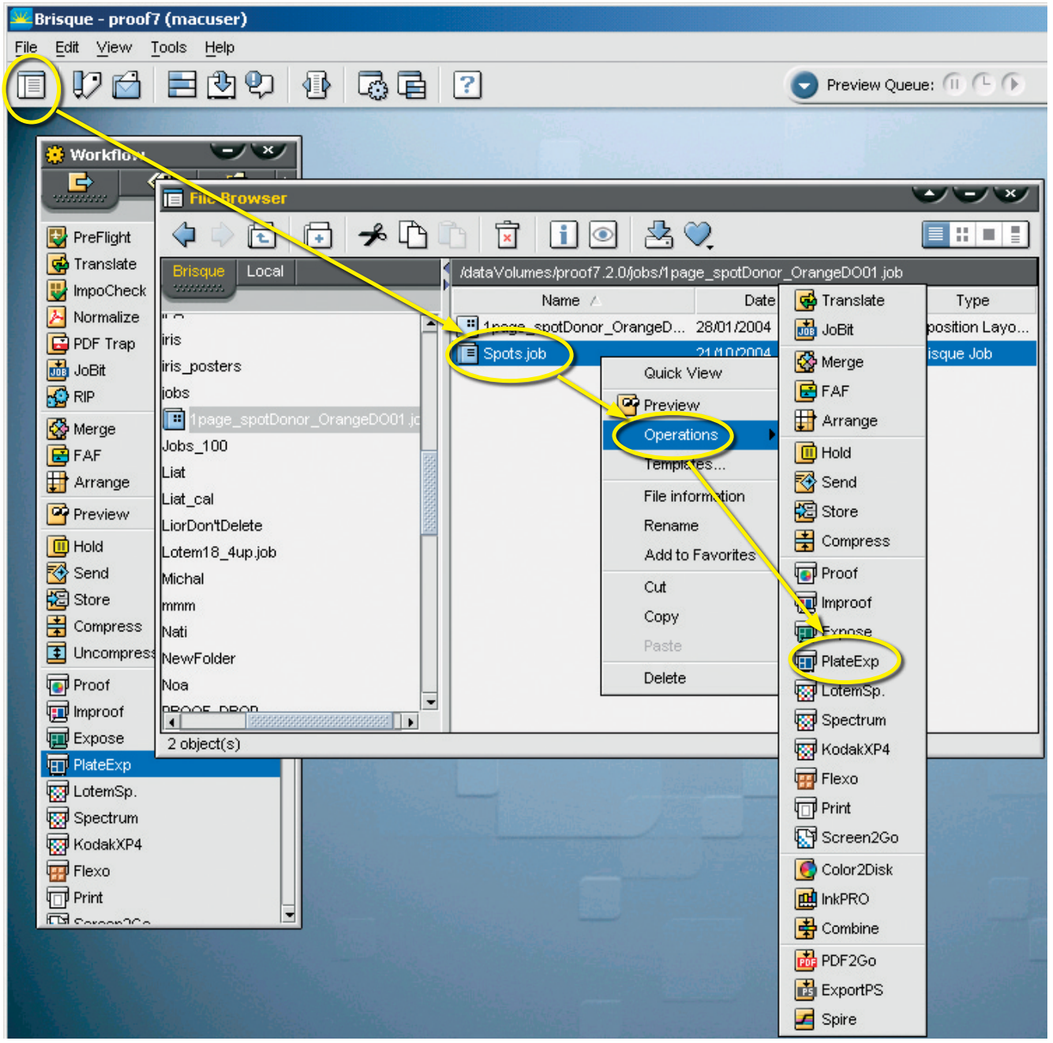
1 From the Brisque toolbar, select **File Browser.**

2 Right-click your file. Select **Operations > PlateExp.**

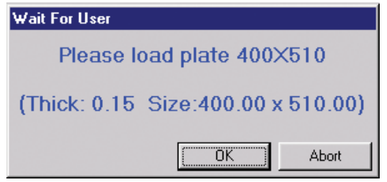
3 Define the parameters.

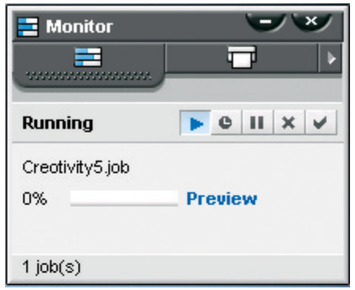
4 Load a plate and click **OK.**

The plate is loaded and exposed.





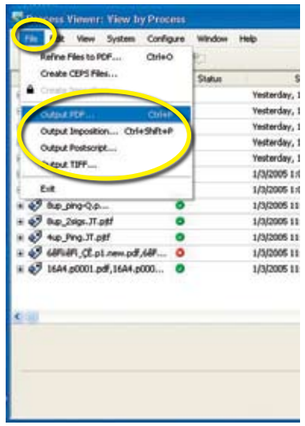




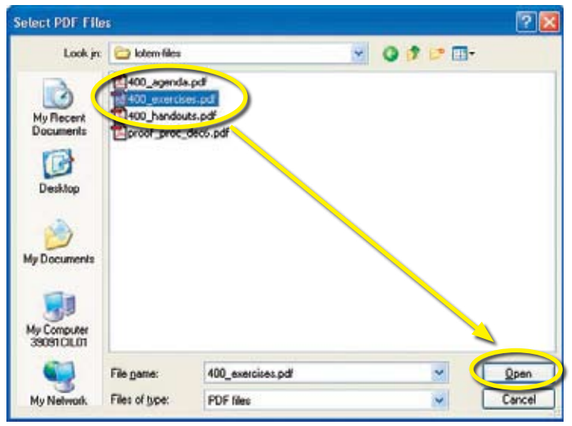
The plate is automatically unloaded.

Expose a Plate via Prinergy Evo

1 Select a template type.

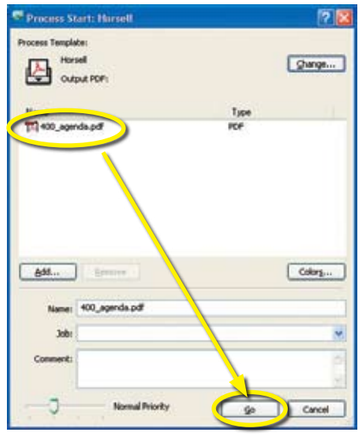


2 Select a file.

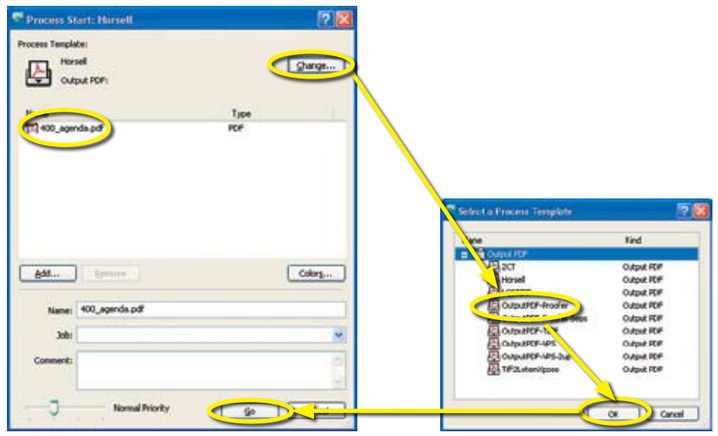


3 Two options:

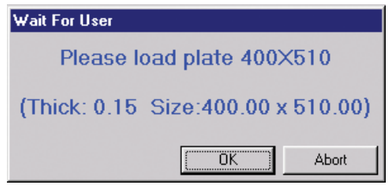
Select a file to submit.



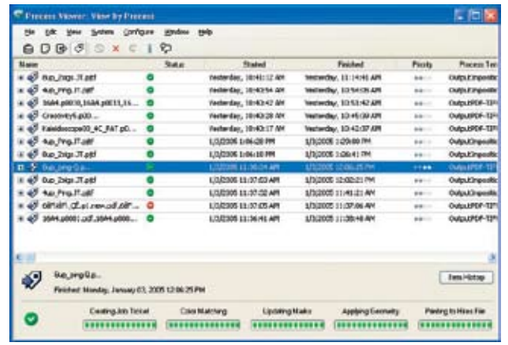
Select a different template, and submit.



4 Load a plate and click **OK**.



The plate is loaded and exposed.



The plate is automatically unloaded.

Remove a Stuck Plate

1 Select **Routine Functions > Open Front Door**.



2 Rotate the drum toward yourself until you see the detached edge of the plate (the edge that is not secured by the tail grippers).



3 Gently pull the plate toward yourself until you see the edge of the plate that is secured by the tail grippers.

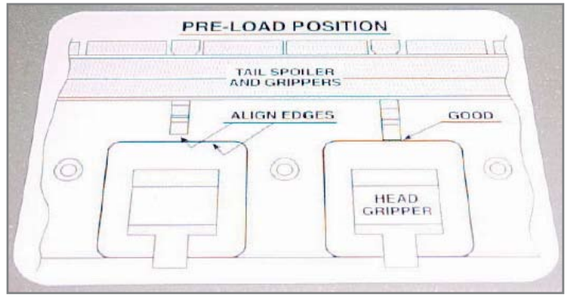


4 Holding the left and right sides of the plate, pull it firmly toward you.



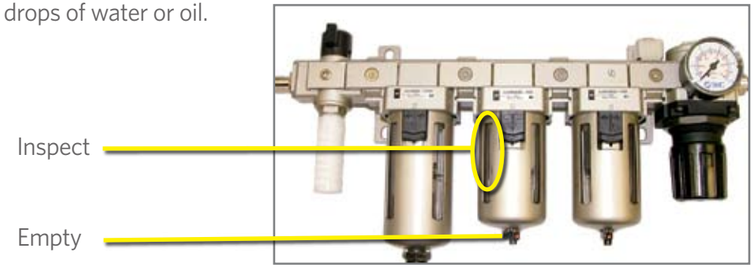
5 Verify that the tail grippers do not move. If they did move, return them to the pre-load position.





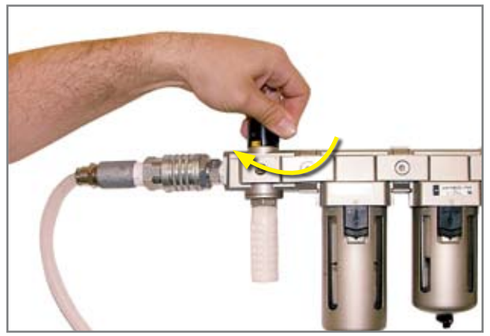
Drain Air Pressure Filters

Periodically check all filters for drops of water or oil.



Replace Air Pressure Filters

1 Close the air supply.



2 Remove the case.





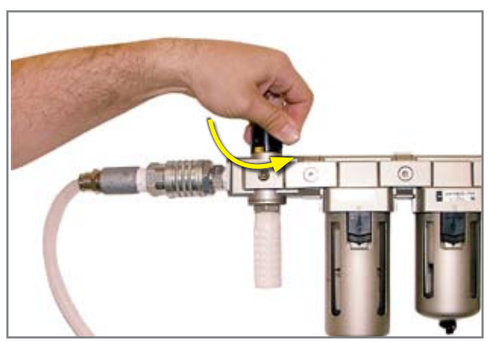
3 Remove the filter cartridge.



4 Install a new filter cartridge, and return the case.



5 Open the air supply.



6 Fill in the label, and stick it on the filter.

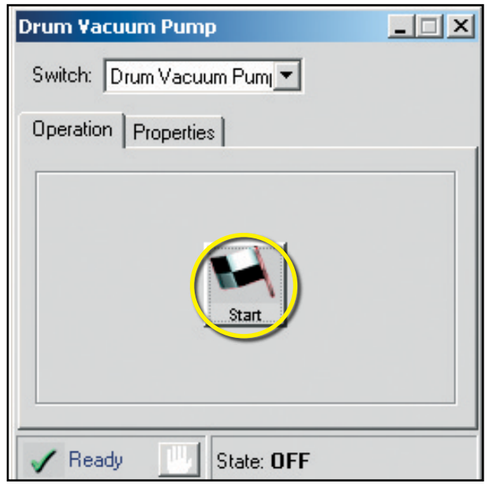


7 Verify that the air pressure is 6 bar (90 psi).



Clean Drum Vacuum Holes

1 Select **Utilities > Hardware > Drum System > Drum Vacuum Pump.**



2 Assemble the cleaning jig: loosen the chuck, insert the 0.8-mm drill bit, and tighten the chuck.



3 Insert the jig into a drum hole, and swivel the bit.



4 Press **Stop**.

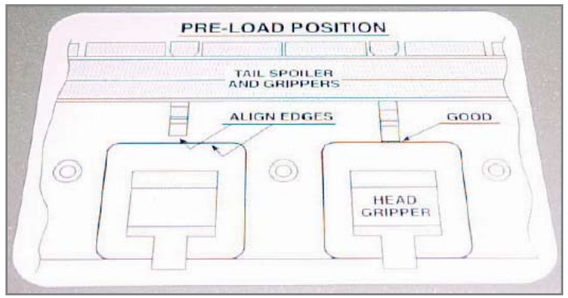


5 Turn off the main power switch in the distribution box

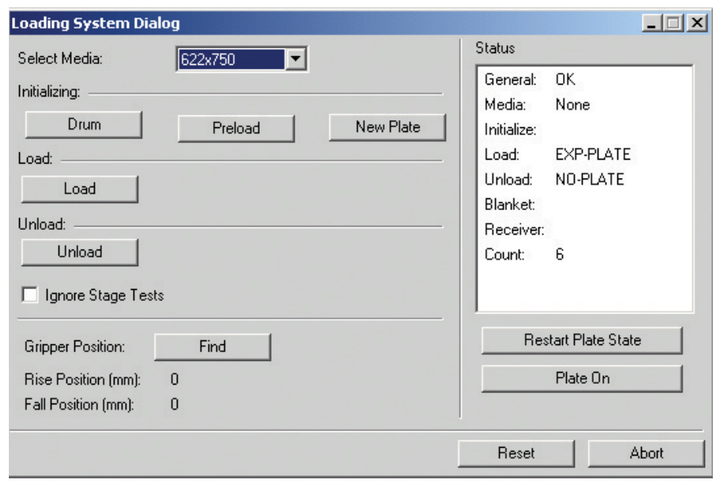


Note: Make sure the tail gripper is in the pre-load position:

a Manually move the tail gripper to the pre-load position:

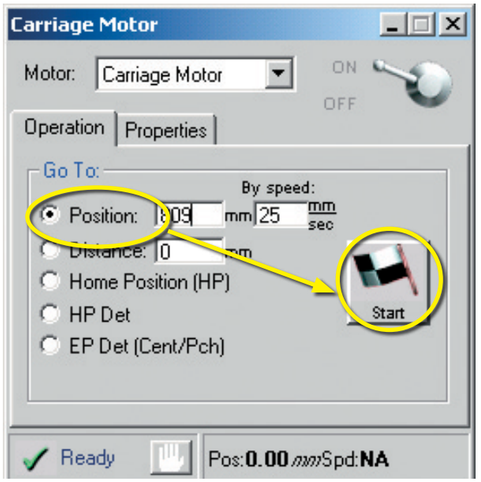


b Select **Utilities > Hardware > Loading System > Loading System.**



Clean LDA Head Lens (for Magnus 400 FH)

1 Select **Utilities > Hardware > Expose System > Carriage System > Carriage Motor.**



2 Open the front door.



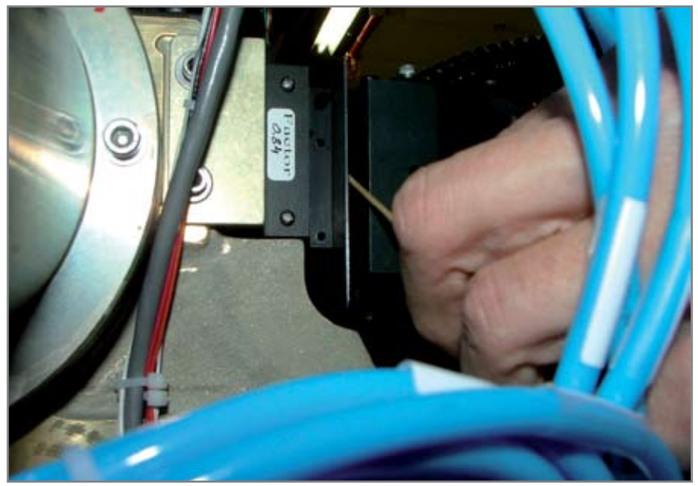
3 Open the left-side door.



4 Loosen the screws to open the service panel.



5 Clean the LDA head lens with a long, dry cotton swab.

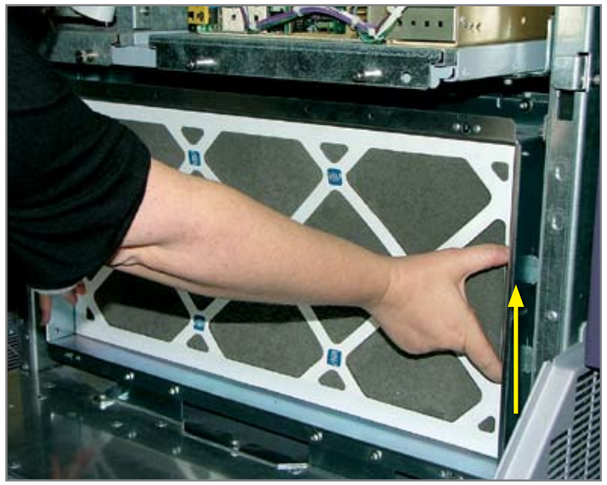


Replace Cooling Unit Filter (for Magnus 400 Quantum)

1 Open the left-side door.

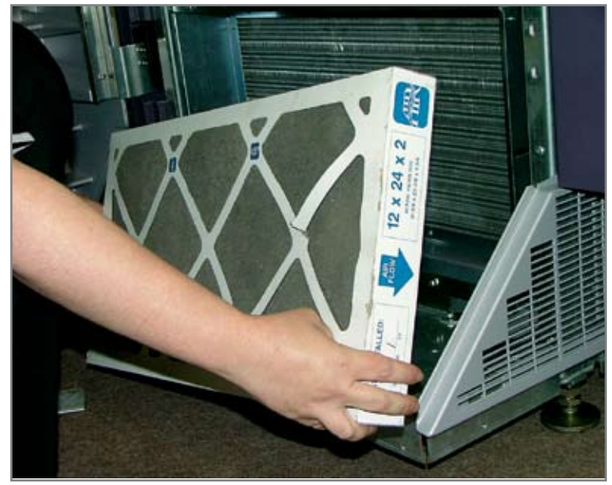


2 Remove the two fasteners (one on each side).

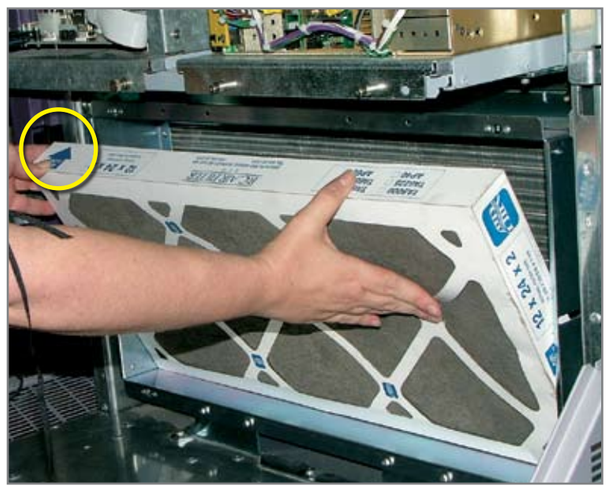


3 Remove the filter.

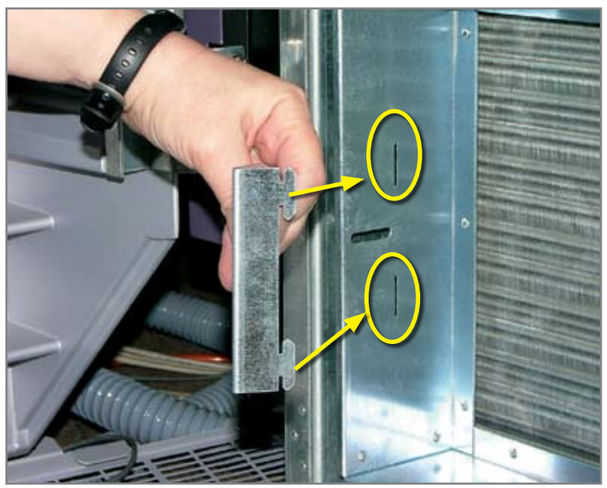


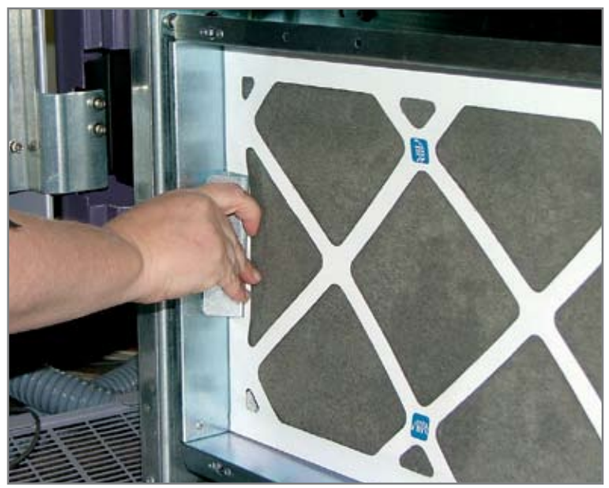


4 Install a new filter.



5 Return the fasteners.





Operator Maintenance

Every 1-2 Weeks

	Part	Task	Completed	Next Maint. Date
1	Air pressure unit	Inspect		
2	Drum vacuum holes (Drum cleaning kit 510K1R593)	Clean		
3	Drum surface	Clean*		
4	Edge detection strip	Clean*		
5	LDA head lens (Magnus 400 only)	Clean		
6	Loading tray	Clean**		
7	Loading wheel	Clean**		
8	Unload rollers	Clean**		
9	UDRC hose	Check for cracks***		
▪	General inspection			

Every 2 Months

	Part	Task	Completed	Next Maint. Date
10	Cooling unit filter (Magnus 400 Quantum only 55-0700)	Replace		

Every 6 Months

	Part	Task	Completed	Next Maint. Date
1	Air pressure filter (518-00630A)	Replace		
11	UDRC filter (57-8792C)	Replace***		

*Clean with a cloth dampened with alcohol.
**Clean with a cloth dampened with water.
***For details, see the *Universal Debris Removal Cabinet Operator Guide* (03-4200C-A).

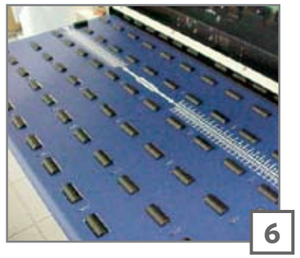

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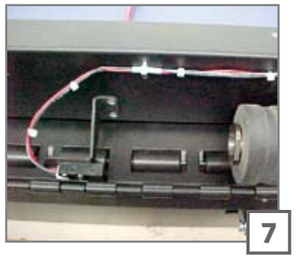

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