Kodak

# Magnus 400 II and Magnus 400 II Quantum
## Platesetters

## Visual Reference Guide
English

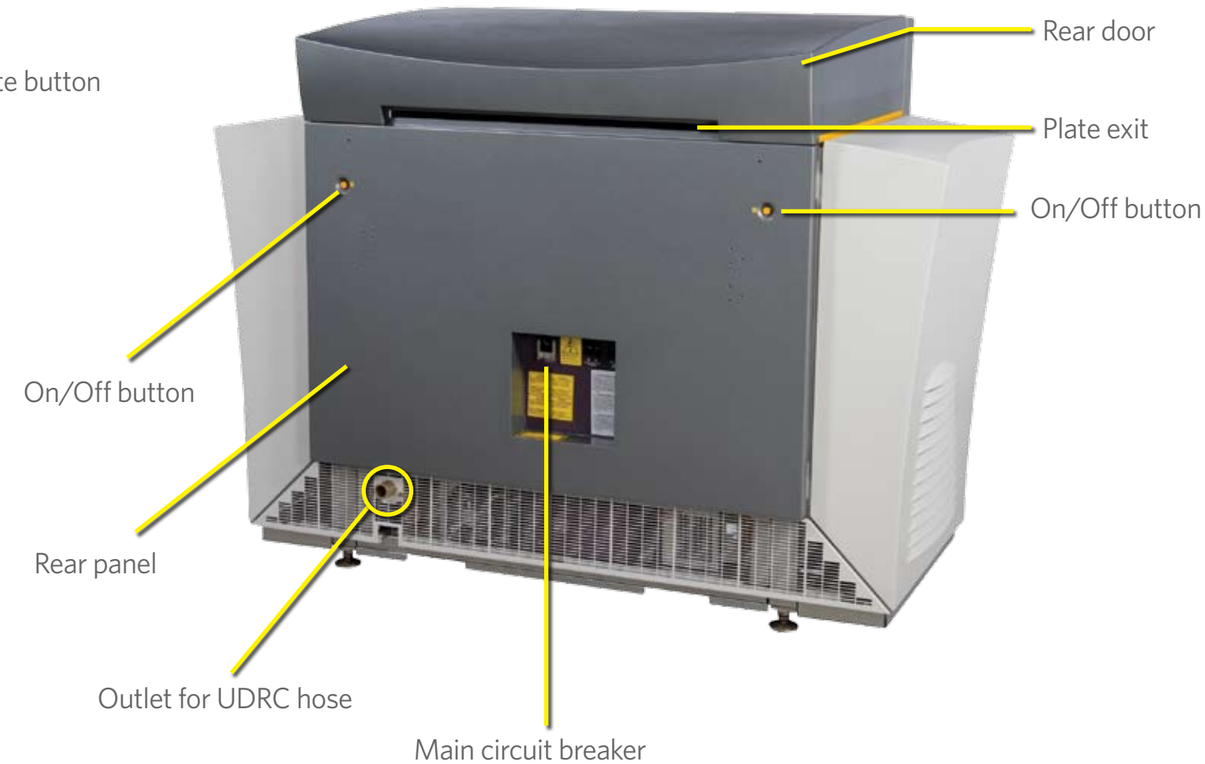
653-01422A-EN Rev A
Internal 731-01215A-EN Rev A

# Identify the Components

## Front View

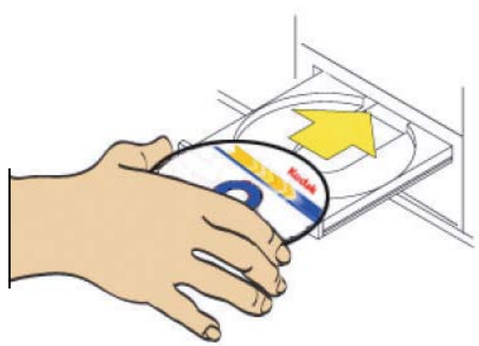



## Rear View




## Observe Safety Precautions

**Warning**: Before operating the device, you must read and be familiar with the *Safety Precautions for Operators* guide, located on the Documentation CD.



# Turn On the Platesetter

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



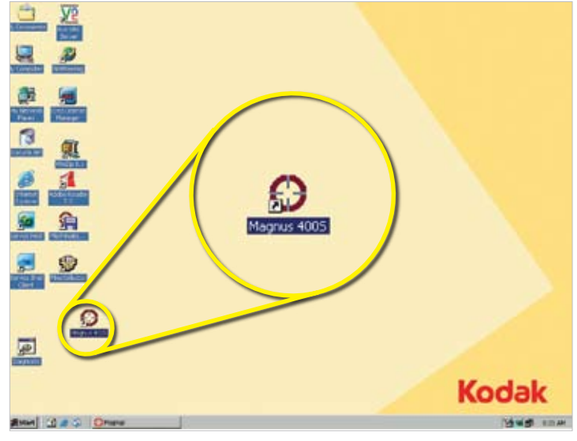

**2** Turn on the main power switch in the distribution box.



**3** Push the On/Off button.



**4** Double-click the Magnus 400 icon for your configuration.

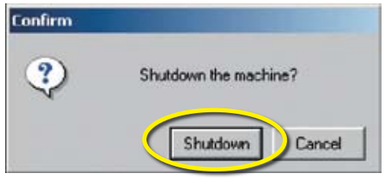



# Turn Off the Platesetter

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




**2** Click **Shutdown**.




**3** Select **Start > Shut Down**.




**4** Push the On/Off button.

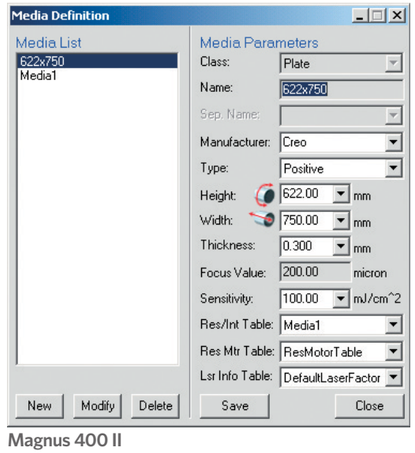


# Define a Plate

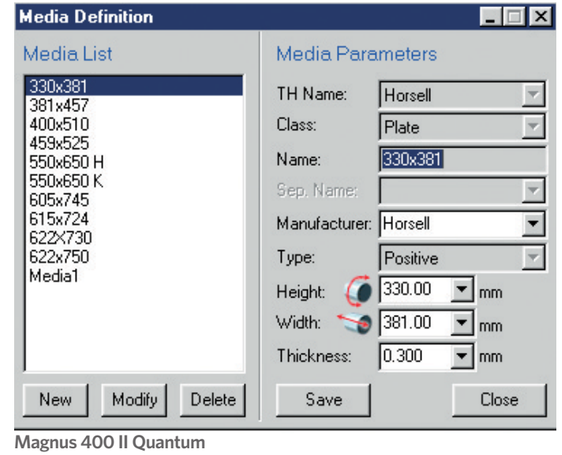
**1** Select **Settings > Media Definitions**.




**2** Define the plate parameters.



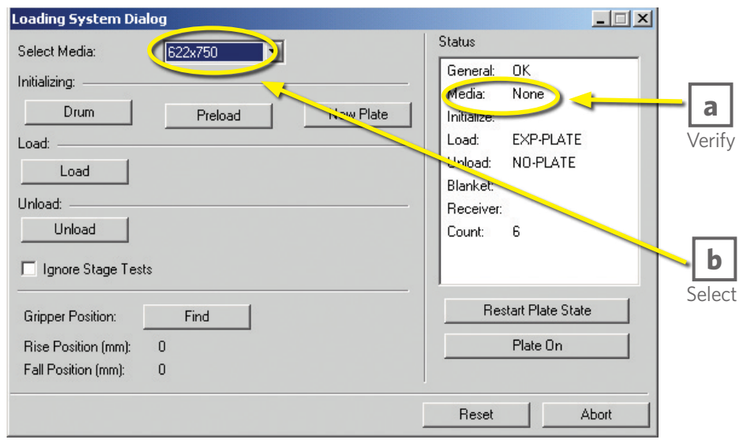

Magnus 400 II




Magnus 400 II Quantum

# Load a Plate

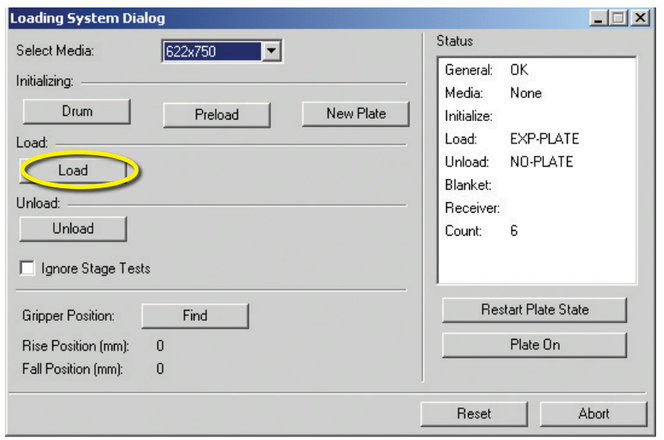
**1** Select **Utilities > Hardware > Loading System > Loading System.**




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



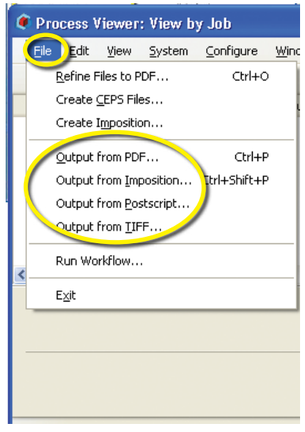
**3** Click **Load**.



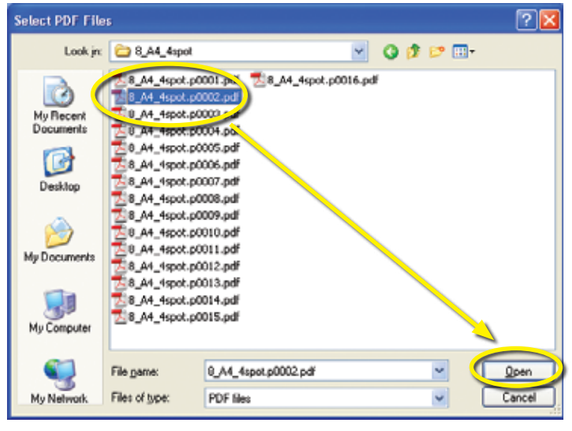

The plate is loaded onto the drum.

# Expose a Plate via Prinergy Evo

**1** Select a template type.




**2** Select a file, and click **Open**.




**3** Select a file, and click **OK** to submit it.



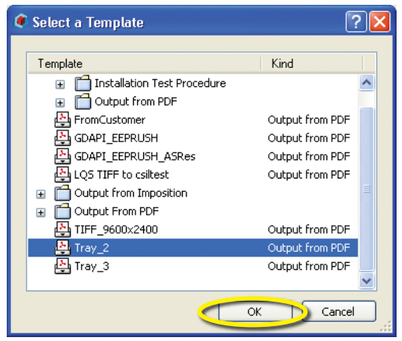

The plate is loaded, exposed, and unloaded automatically.

Or

Select a different template, and click **Change**.




Select a different template, and click **OK**.




Click **OK**.

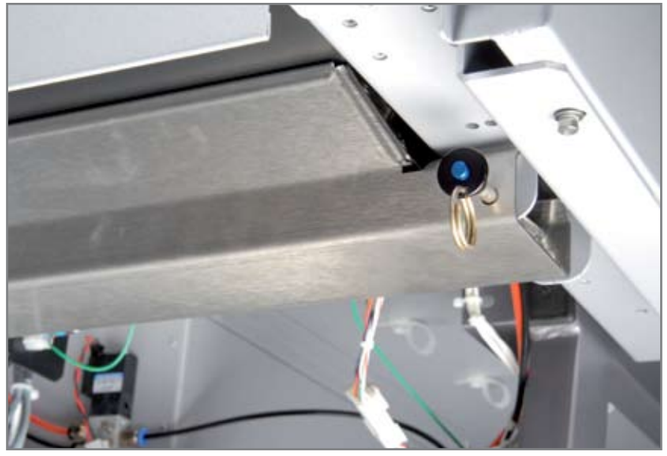



The plate is loaded, exposed, and unloaded automatically.

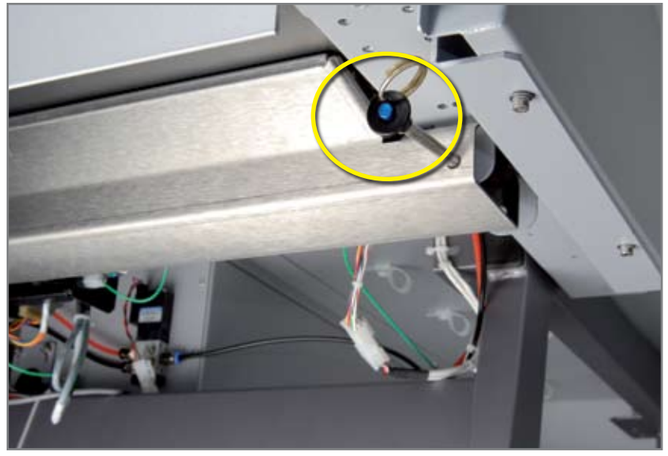
# Remove Slugs From the Punch Conveyor



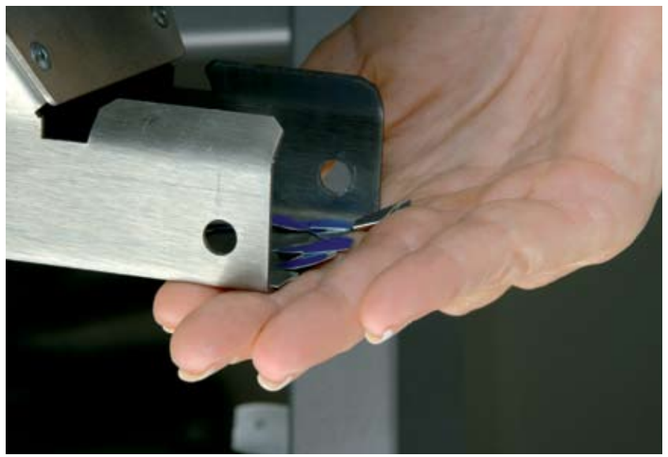
**1** Locate the slug bin, which is under the punch conveyor.



**2** Pull the slug pin to open the bin.



**3** Remove the slugs.
Push up the slug bin, and secure it with the slug pin.

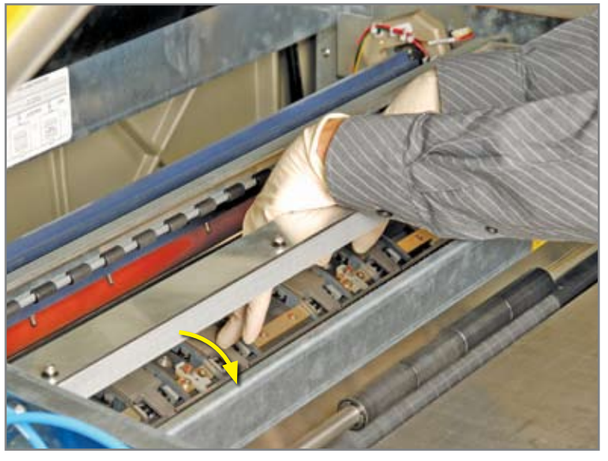


# Remove a Stuck Plate

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




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



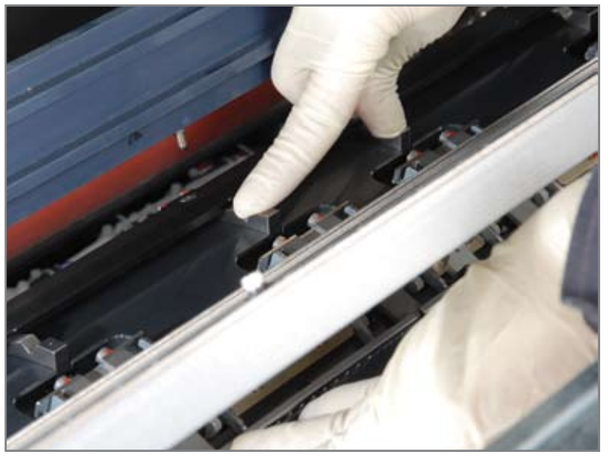
**3** Gently pull the plate toward you until you see the edge of the plate that was secured by the tail grippers.



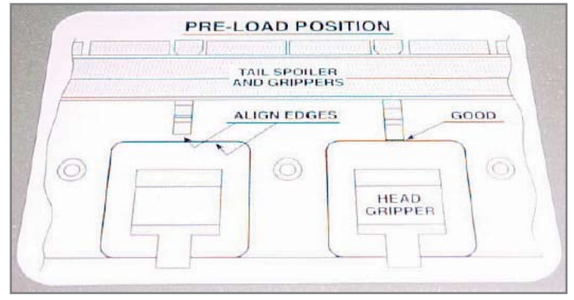
**4** Release the plate from the head grippers while holding the left and right sides of the plate, and then pull it firmly toward you.



**5** Make sure that the tail grippers are in the pre-load position. If not, move them manually.

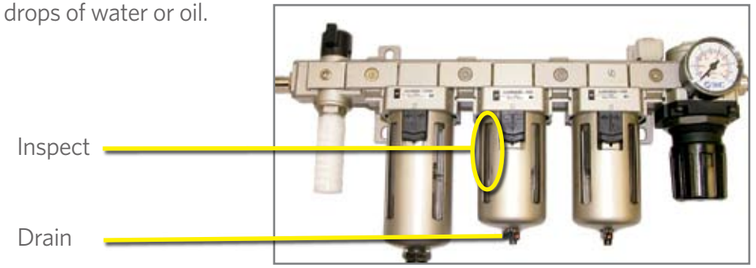


**6** Look at the Pre-load Position sticker, and verify that the tail grippers are aligned correctly.



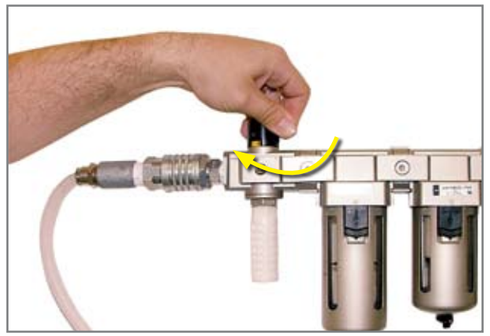
# Drain the Air Pressure Filters

Periodically check all filters for drops of water or oil.




# Replace the Air Pressure Filters

**1** Turn off the air supply.



**2** Unscrew the filter housing.



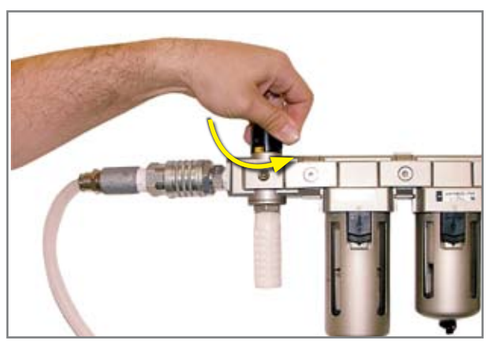
**3** Remove the filter cartridge.



**4** Install a new filter cartridge, and reattach the housing.



**5** Turn on the air supply.



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

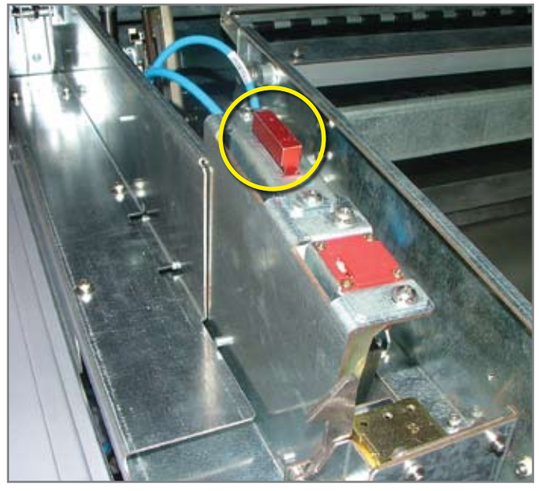



**7** Verify that the air pressure is 6 bar (90 psi).

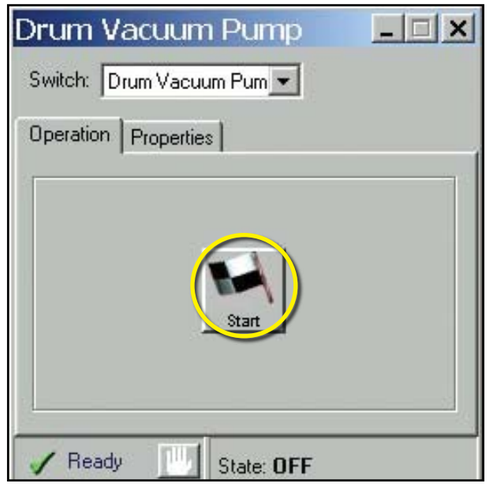


# Clean the Drum Vacuum Holes

**1** Open the rear door and insert a red, rectangular dedicated defeater**.**



**2** Select **Utilities > Hardware > Drum System > Drum Vacuum Pump**, and click **Start**.



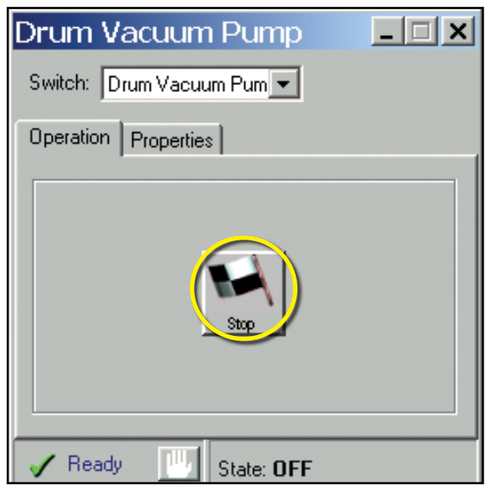

**3** Assemble the cleaning jig: loosen the chuck, insert the 0.8-mm drill bit, and tighten the chuck.



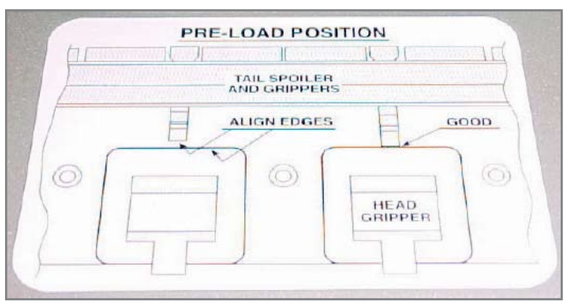
**4** Insert the jig into a drum hole, and swivel the bit.



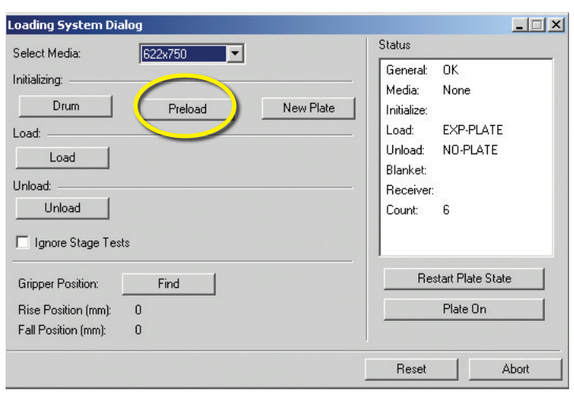
**5** Click **Stop**.




**6** Make sure that the tail grippers are in the pre-load position. If not, move them manually.




**7** Select **Utilities > Hardware > Loading System > Loading System**.
Select the relevant media, and click **Preload**.

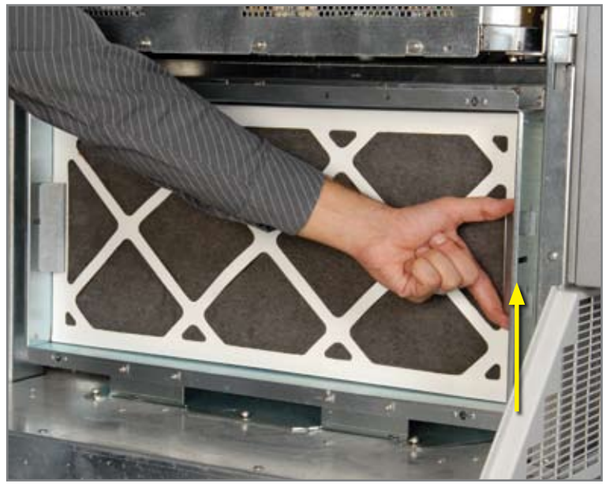


# Replace the Cooling Unit Filter (for Magnus 400 II Quantum)

**1** Open the left door.




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





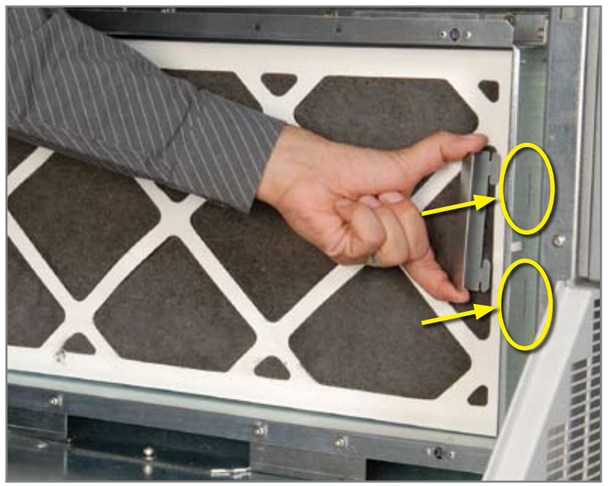
**3** Remove the filter.



**4** Install a new filter.



**5** Reattach the fasteners.





# Operator Maintenance

## Every 1-2 Weeks

| Image | Part | Task | Completed | Maintenance |
|---|---|---|---|---|
| 1 | Air pressure unit | Inspect | | |
| 2 | Drum vacuum holes<br>(Drum cleaning kit 510K1R593) | Clean | | |
| 3 | Drum surface | Clean* | | |
| 4 | Edge detection strip | Clean* | | |
| 5 | Loading tray | Clean** | | |
| 6 | Loading wheel | Clean** | | |
| 7 | Unload rollers | Clean** | | |
| 8 | UDRC hose | Check for cracks*** | | |
| 9 | Punch and plate conveyor belts | Clean** | | |
| ▪ | General inspection | | | |

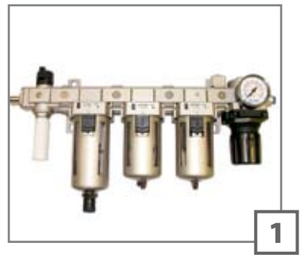
## Every 2 Months

| Image | Part | Task | Completed | Maintenance |
|---|---|---|---|---|
| 10 | Cooling unit filter<br>(Magnus 400 II Quantum only [55-0700]) | Replace | | |
| 11 | Punch conveyor | Remove slugs | | |

## Every 6 Months

| Image | Part | Task | Completed | Maintenance |
|---|---|---|---|---|
| 1 | Air pressure filter<br>(518-00630A) | Replace | | |
| 12 | UDRC filter<br>(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).



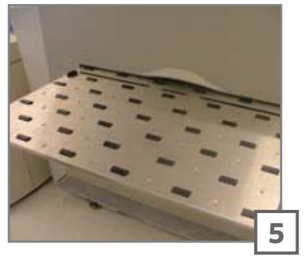


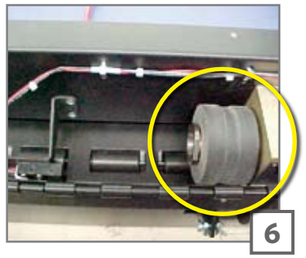








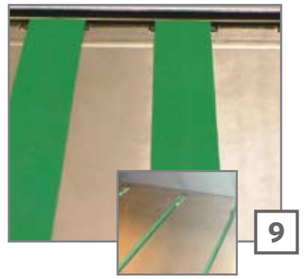




















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