

Foil Loading Guide for the KAPS 500



Foil Loading Procedure for KAPS 500

Once the foil loading procedure has been initialised by selecting the foil loading option on the KAPS-500 display screen (shown in the foil loading procedure document), follow these steps to load a roll of film onto the KAPS-500.

1) Remove the spool locking disks identified in figure 1. The spools have different threads, the top spool has a left handed thread (means that it unscrews in a clockwise direction) and the bottom spool has a right handed thread (meaning it unscrews in an anti-clockwise direction).

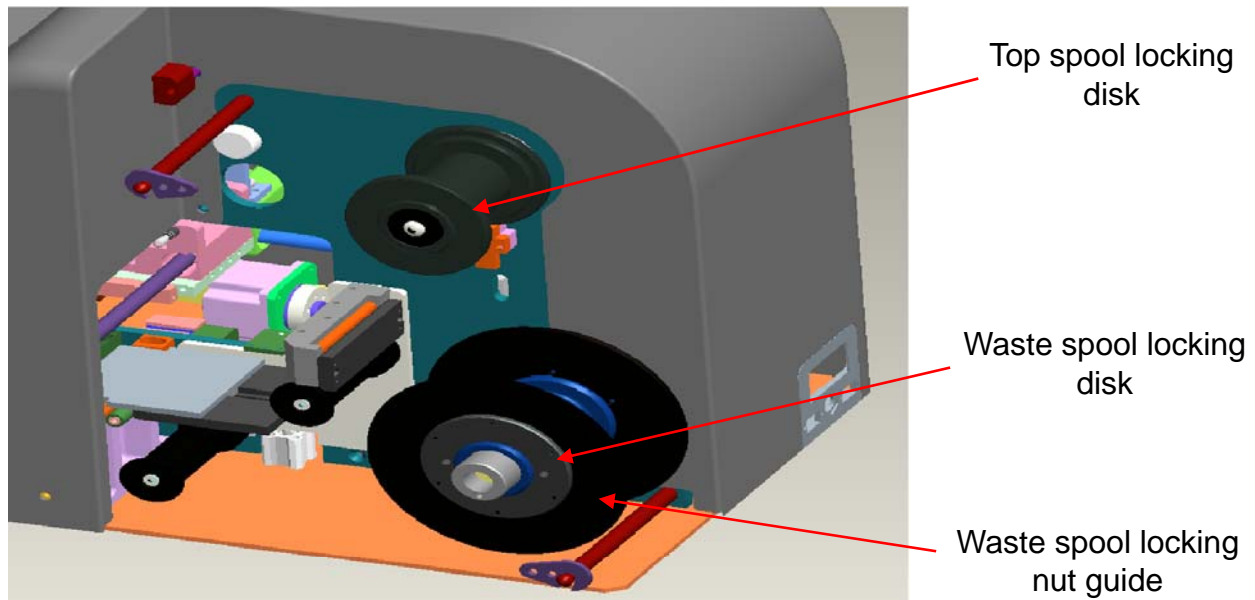


Figure 1: Various spool locking disks

2) Remove 500mm of foil from the spool, leaving the backing paper attached to the reel of foil. Place the reel of foil onto the top foil spool holder, ensuring the foil is placed so that it unwinds in a anti-clockwise direction and replace the spools locking disk.

3) Now begin to pull the foil through the system. Start by pulling the backing paper you prepared in the previous step through the foil clutch mechanism, shown in figure 2. Ensure that the backing paper is pulled in between the foil guide plate support and the foil clamp stop plate.

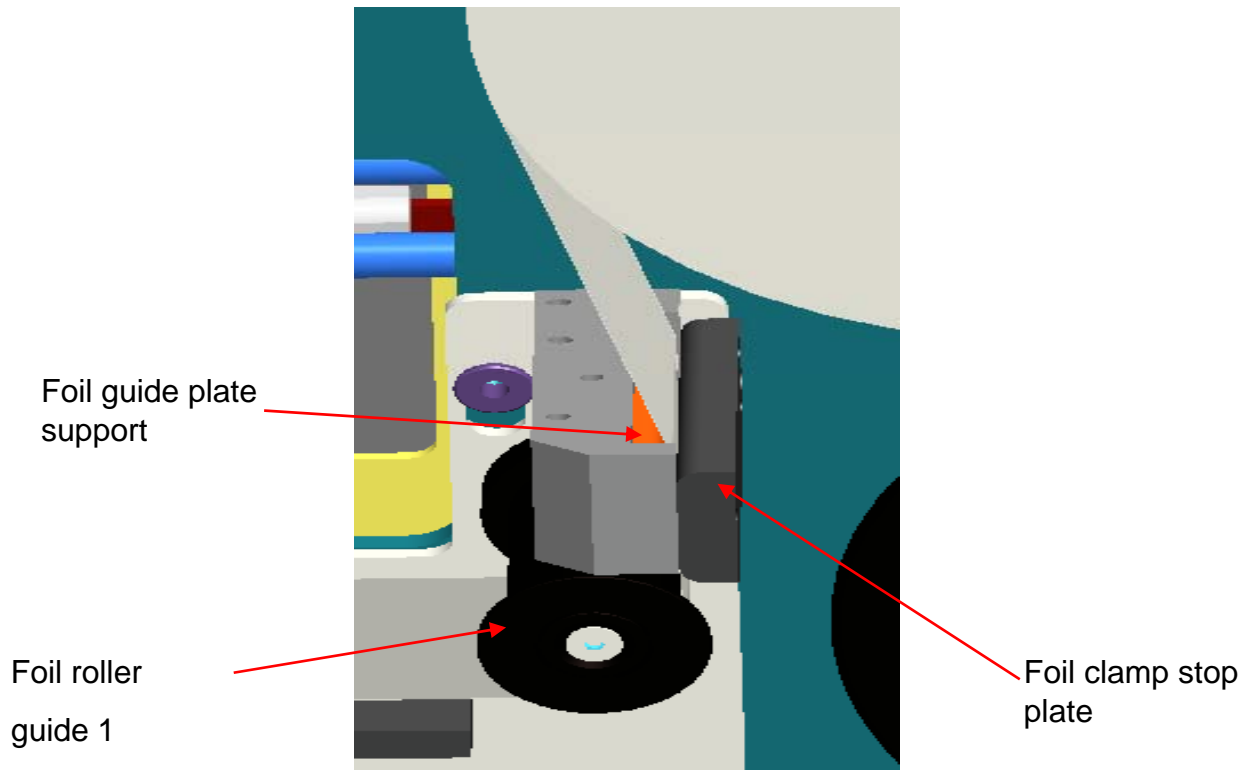


Figure 2

4) Now guide the foil around the roller underneath the foil clamp mechanism, as shown in figure 2.

5) Next unscrew the thumbscrew securing the foil slide plate and slide this plate as far to the right as possible, as shown in figure 3. Separate the film from the backing and route the backing paper around and down vertical to this plate as depicted by the green line in figure 3. The blue line depicts the direction the foil will go when pulled through the system.

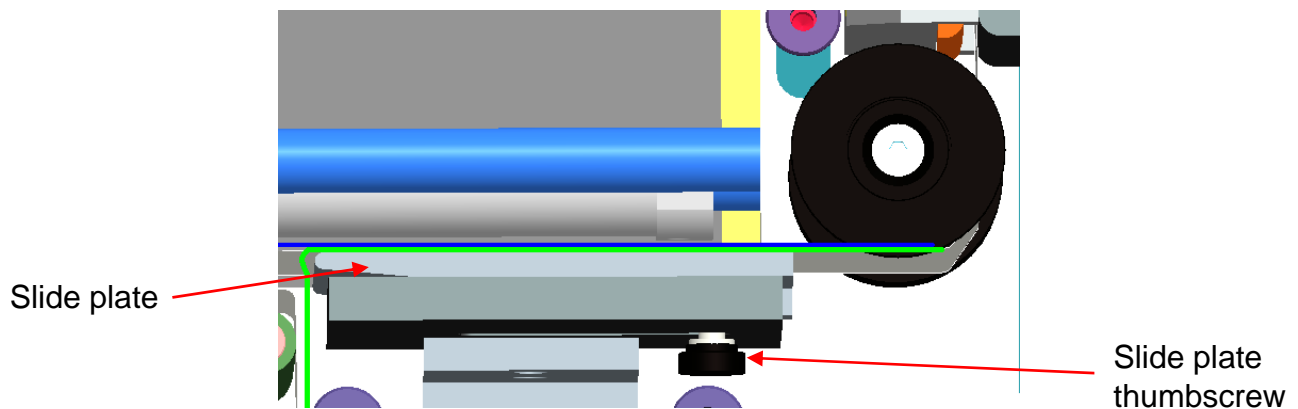
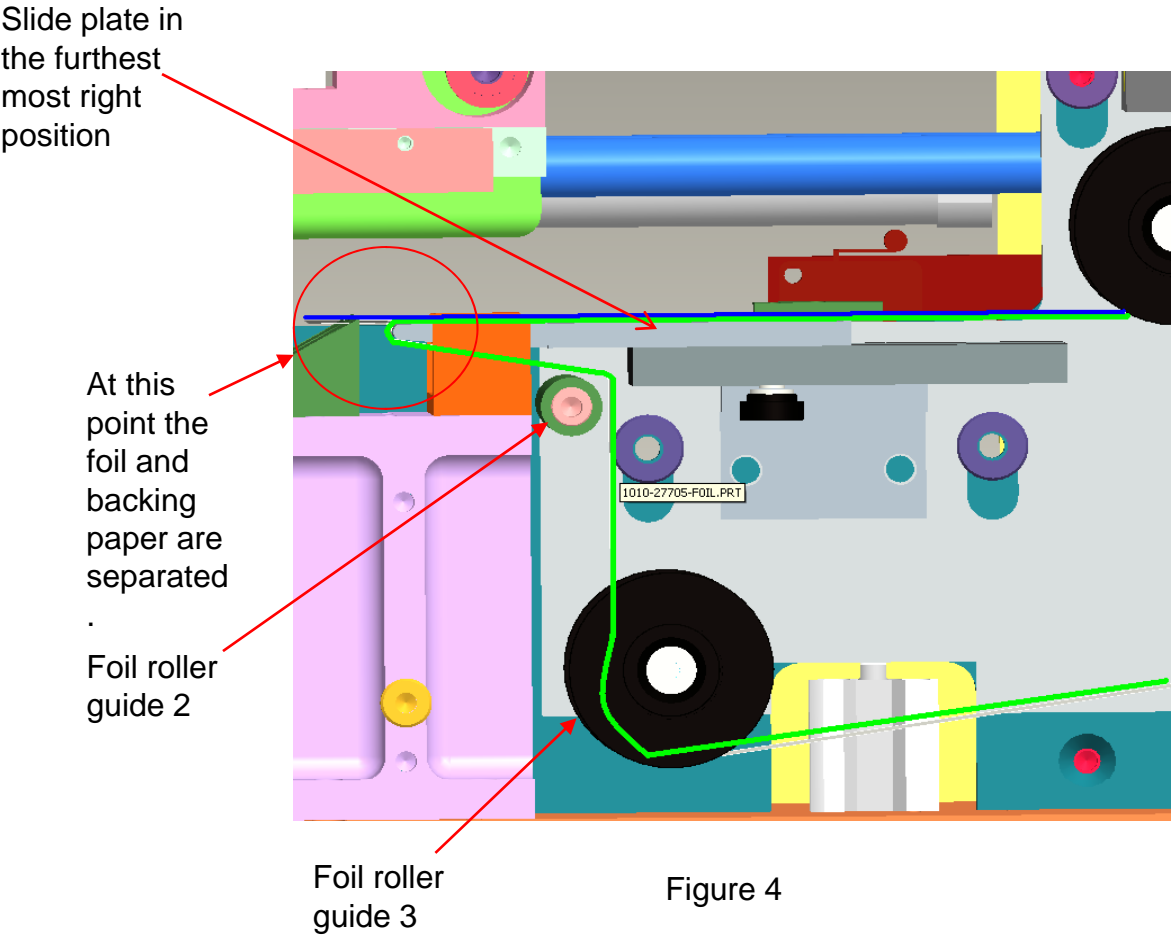


Figure 3

6) Slide the slide plate as far to the left as possible and retighten the thumbscrew to secure the slide plate (as shown in figure 4).

7) Route the backing paper around the two foil roller guides under the slide plate (foil roller guides two and three, as shown in figure 4). The green line highlights the correct routing path for the backing paper. The blue line shows the routing for the foil, which at this stage will be separated from the backing paper.



Note: Some components have been hidden to make the foil routing easier to see.

8) At this stage the user should put an empty cardboard waste spool onto the waste spool holder, as shown in figure 5.

Then replace the spool disk and spool locking nut to lock the cardboard waste spool in place. With the waste spool in place pull the excess backing paper through the system and secure it to the waste spool using a strong adhesive tape.

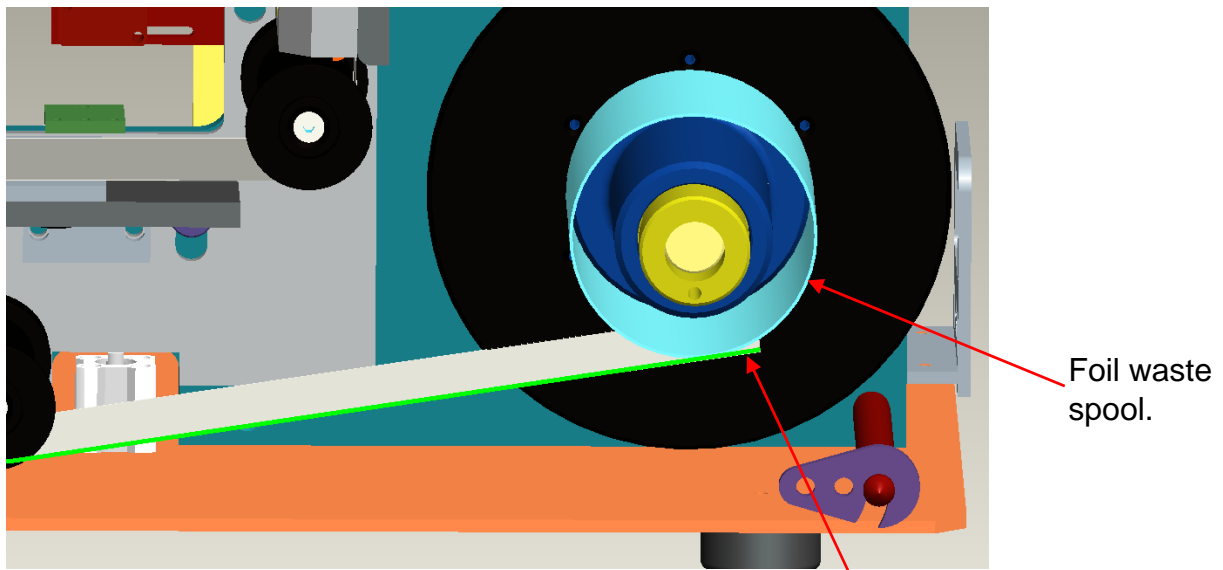


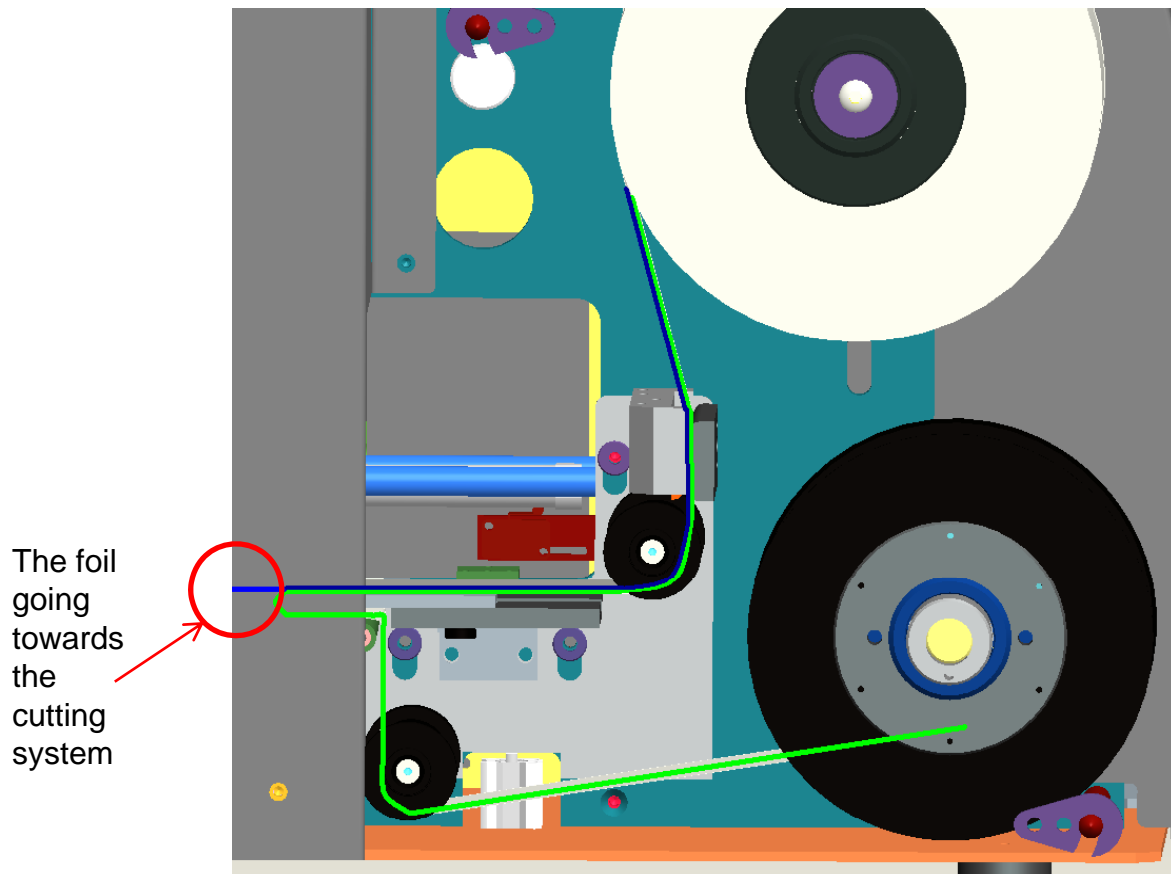
Figure 5

9) Now wind the foil waste spool anti-clockwise until the sealing film is being separated from the paper backing by the sliding plate as shown in figure 4. Once the foil, separated from the paper backing shown by the blue line, is past the cutter then you can stop winding the foil waste spool.

Note: You may be required to pull the separated foil through the cutting area while you wind the foil waste spool. This can be done by opening the front door and reaching your hand inside the unit and pulling the separated foil, remembering to be careful of the cutters edge which is very sharp. The cutter itself is retracted 100mm above the cutter block and since the air has been evacuated and isolated, the cutter can only slowly lower through gravity and so should impose no real risk other than keeping clear of the very sharp edges.

10) Figure 6 shows how the final routing of the foil for the KAPS 500 should look:

- The blue + green line = the foil and paper backing together
- The blue line = the foil without the paper backing
- The green line = the paper backing without the foil



Once this routing is achieved and the foil placed in front of the cutter then the side cover can be replaced and the machine re-powered .

Follow the instructions on the KAPS 500 screen to finish the foil loading procedure (or see the foil loading procedure document).