



Shipping & Mailing
Mailing Equipment & Software

DI900/950 FastPac™ Series Inserters High Capacity Sheet Feeder, F791000-01

The HCSF mates with the inserter base by means of two brackets secured to the side frame and aligned on mounting studs. A single drive belt connects HCSF drive to the base unit's upstream input drive pulley. The HCSF communicates with the base unit via a single USB cable through the Peripheral COM Board.

Packaging

The carrier will unpack the High Capacity Sheet Feeder and place it on the customer's work surface. The carrier will also discard packing materials.

The HCSF and its components as shipped in a carton and on a palette (Figure 1 and 2). The carton contains two feeders and a hardware bag (Figure 3).



Figure 1 HCSF Carton

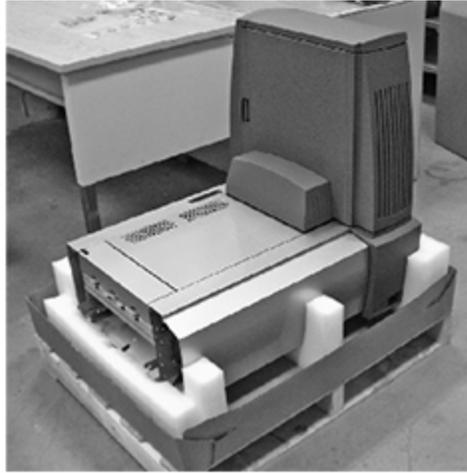


Figure 2 HCSF on Palette



Figure 3 Feeders and Hardware Bag

A country-specific localization kit is supplied separately (Figure 4). It contains:

- A power cord
- Control panel badges (2)
- Machine labels (if required)
- Feeder ID tabs.

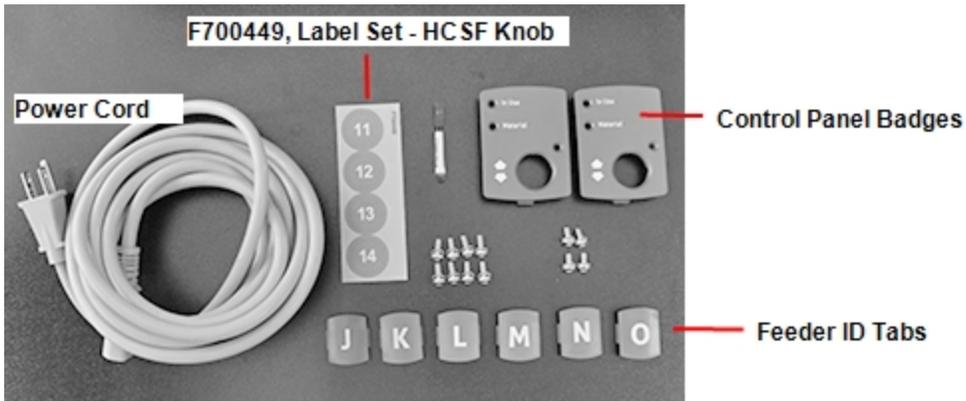


Figure 4 Localization Kit

Installing a HCSF

1. Remove the feed tray covers as shown in Figure 5. Ten screws secure the covers to each tray.

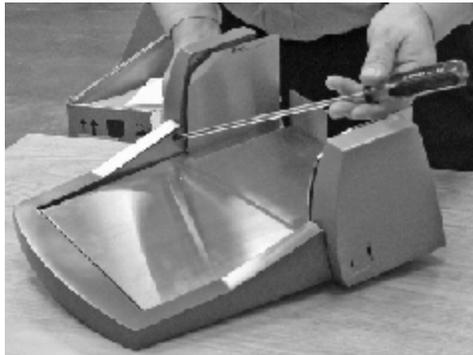
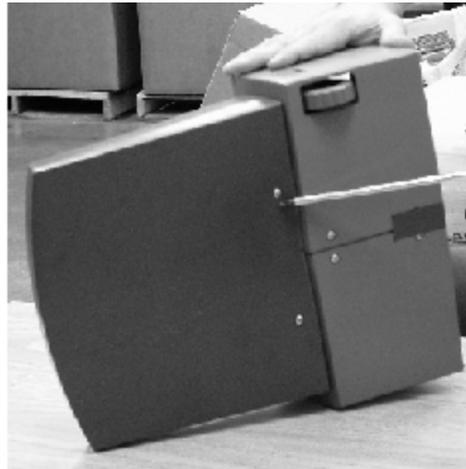


Figure 5 Removing the feeder covers. Ten screws secure the covers to each feeder.



2. Orient the feed tray so that the Paper Out Sensor fits into the pocket as shown here.

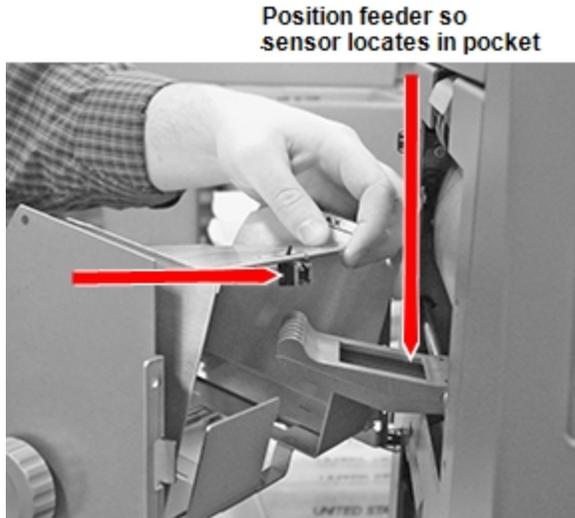


Figure 6 Orienting the feeder

3. Lift the tray and position it so the locating tabs align with and fit into the corresponding cutouts on the machine frame as shown in Figure 7.

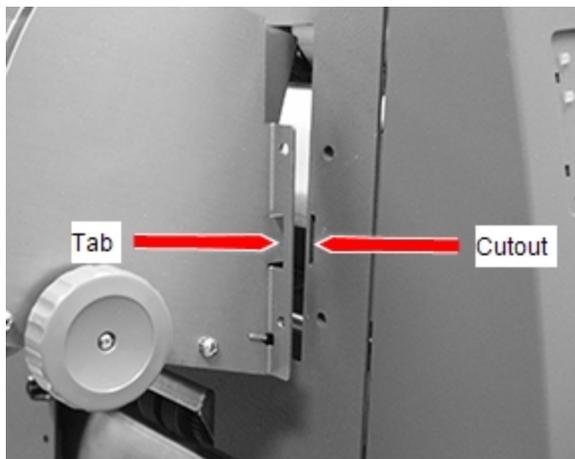


Figure 7 Aligning the Feeder

4. From the hardware bag, use four screws to mount the feed as shown in Figure 8.

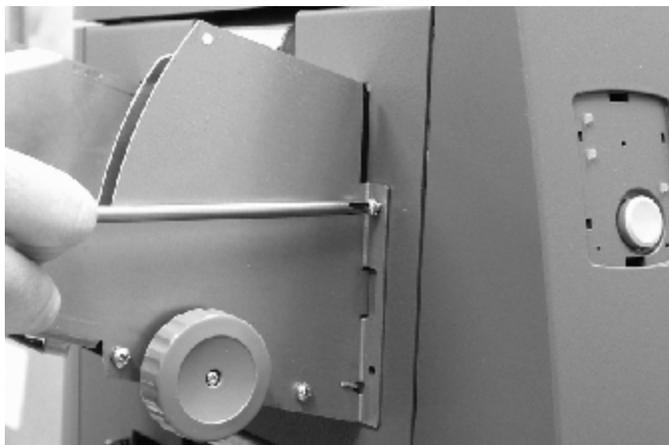


Figure 8 Mounting the Feeder

5. Connect the Paper-Out Sensor harness as shown in Figure 9.

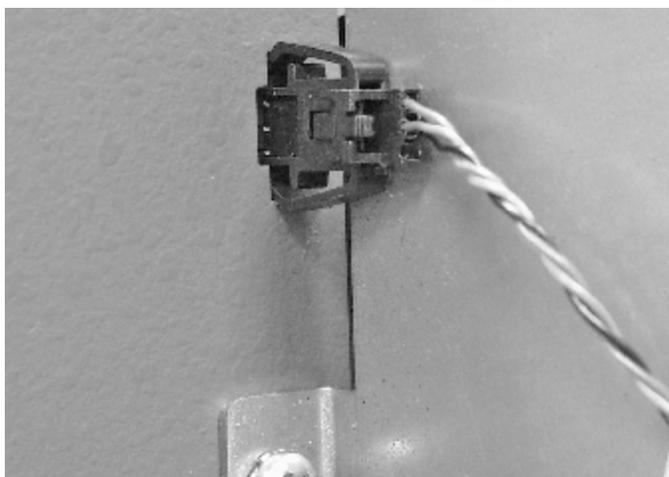


Figure 9 Paper-out Sensor Connection

6. Reinstall all feed tray covers.

7. Remove the lower tower (drive side) cover (two screws). Remove the plastic knockout as shown in Figure 10. The HCSF drive belt will pass through this opening.

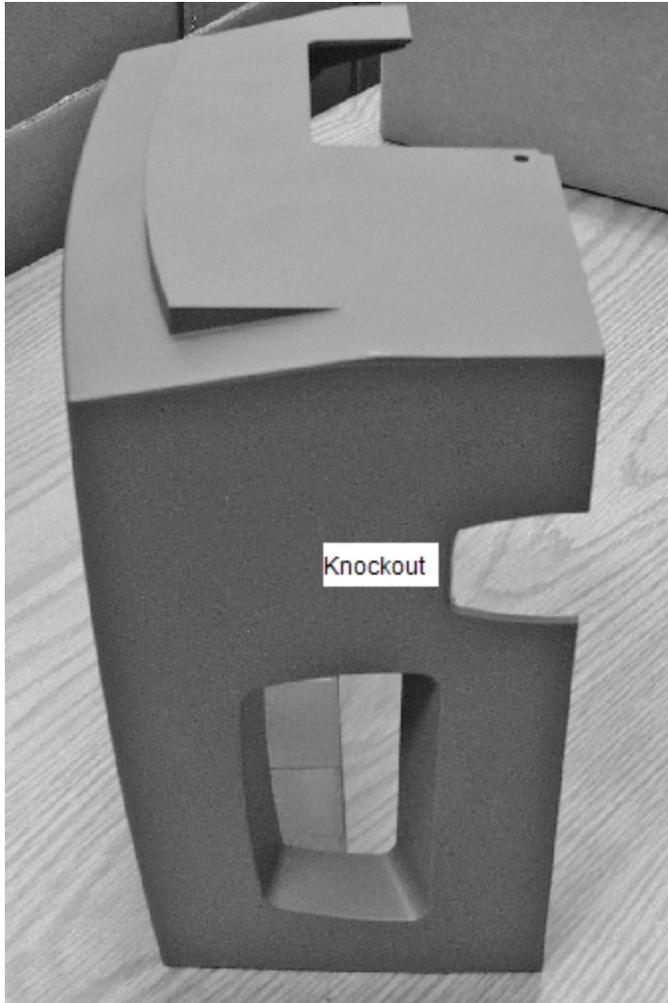


Figure 10 Lower Tower Cover

8. Remove the outsort tray support shaft (two screws, one on each side). Use a stubby (short) screwdriver for this. See Figure 11.



Figure 11 Removing the Outsort Tray Shaft

9. Turn the front (upstream) leveling feet all the way in (fully counter-clockwise). See Figure 12.

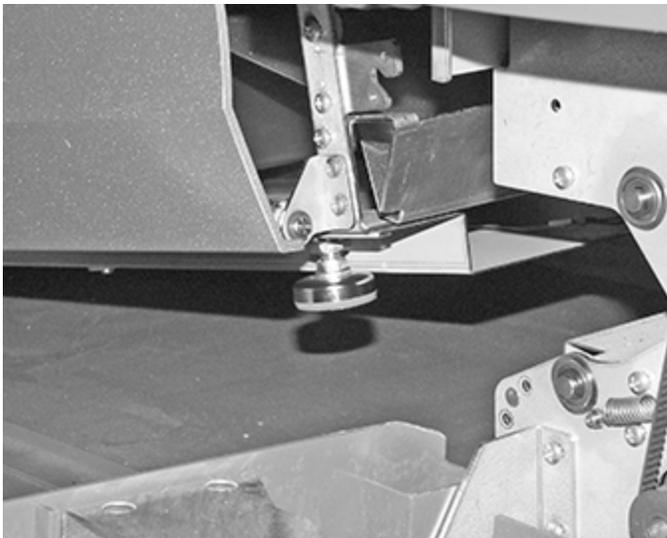


Figure 12 Front Leveling Foot

10. Remove the HCSF back cover (two screws). One screw is accessible through the cutout on the top cover as shown in Figure 13. This requires a long screwdriver.



Figure 13 HCSF Cover Screw (Right)

The second is accessible by opening the HCSF tower as shown at the right in Figure 14.



Figure 14 HCSF Cover Screw (Left)

For the purpose of illustration, Figure 15 shows the location of the back cover screws with the HCSF top cover removed.

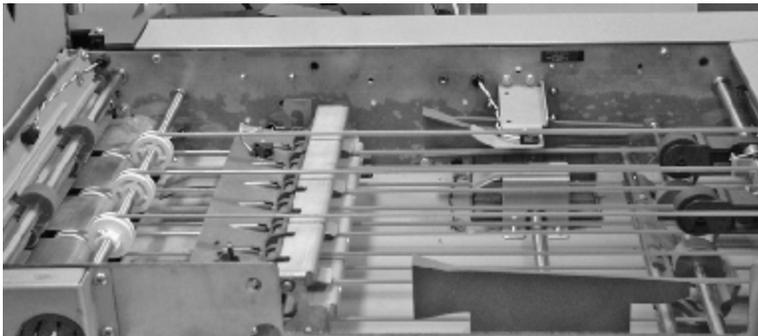


Figure 15 HCSF Cover Screws Shown with Top Cover Removed

11. If the customer is using a Pitney Bowes table, align the HCSF with the locators on the table. Then align the HCSF with the base unit as follows:
 - a. Lift the front (exit end) of the HCSF so that the mounting brackets on either side are positioned over the corresponding mounting studs as shown in Figure 16. It is easiest to position the brackets partially over the studs as shown.

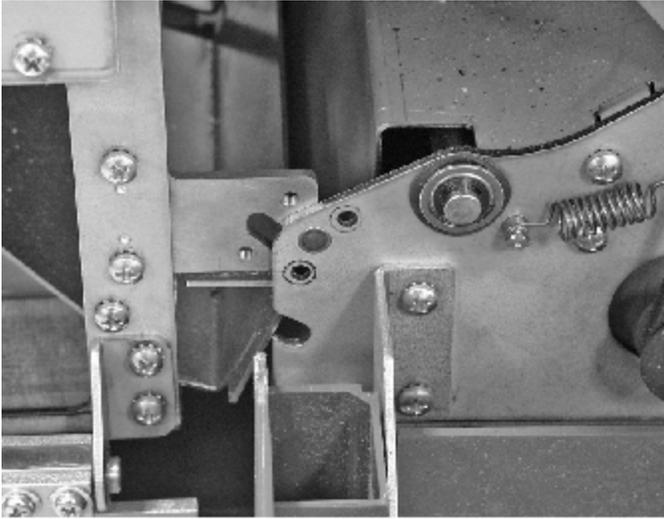


Figure 16 Position Mounting Bracket Partially on Front and Rear (Drive Side) Studs; then Push HCSF Forward So Brackets Fully Engage Studs

- b. Lift the back end of the HCSF up slightly and push it toward the base unit so that the mounting brackets fully engage the mounting studs.
12. Secure the HCSF to the base unit with four screws—two on the operator side and two on the drive side. See Figure 17.

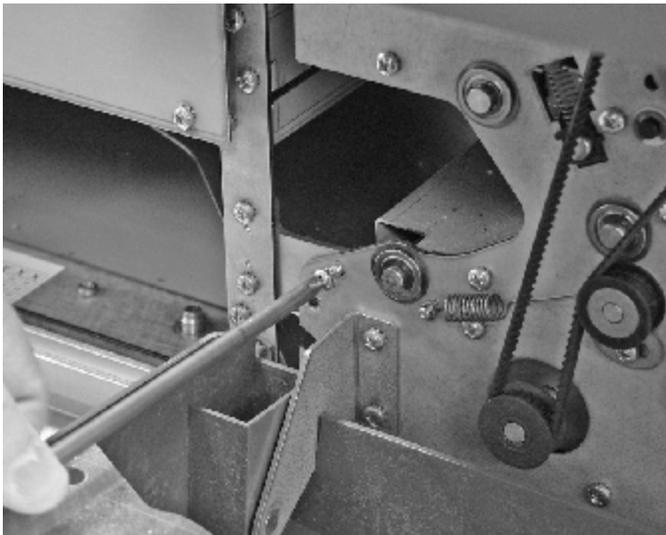


Figure 17 Securing the HCSF to the Base Unit

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13. Lower the front leveling feet so they contact the table. Then tighten the jam nuts. Refer to Figure 12.

14. Connect the HCSF drive belt:
 - a. Loosen the tensioner for the HCSF drive belt. Note that the belt is hanging loose. See Figure 18.

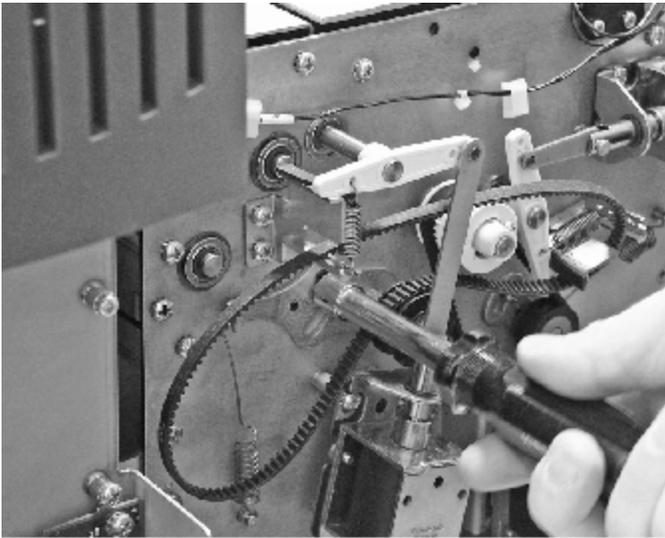


Figure 18 HCSF Drive Belt Tensioner

- b. Position the belt around the upstream input drive pulley as shown in Figure 19.

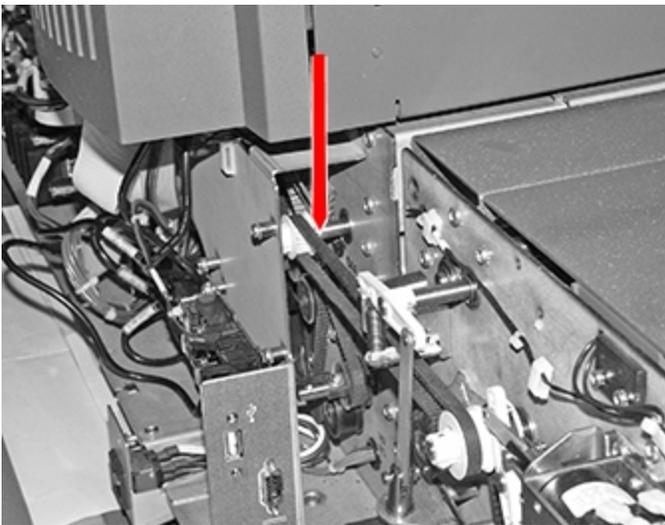


Figure 19 HCSF Drive Belt

- c. Walk the belt onto the HCSF exit drive pulley. See Figure 20.

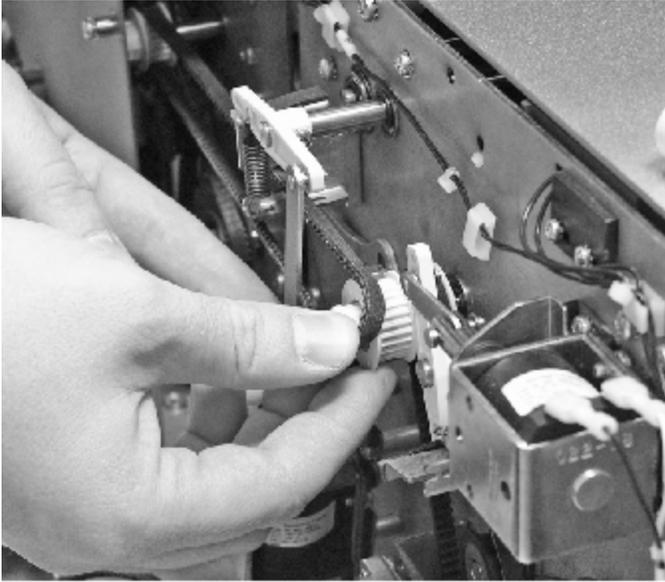


Figure 20 Walking the HCSF Drive Belt On

- d. Rotate the drive belt several times to distribute its tension and assure that it tracks properly.
- e. Tighten the belt tensioner.
15. Reinstall the lower Feed Tower (drive side) cover removed in step 7. The belt installed in step 14 passes through the knockout. The cover is held in place with two screws. Due to limited access, it may not be possible to install the lower screw.
16. Connect the USB cable as shown in Figure 21.

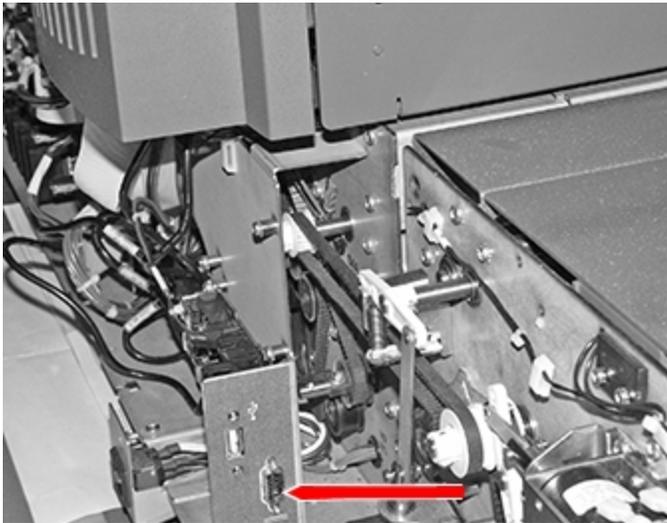


Figure 21 USB Port on Base Unit

17. Reinstall the HCSF back cover removed in step 10.

18. Install the control panel badges by snapping them in place. See Figure 22.



19. Snap the feeder identification badges in place. If a single HCSF is installed, the top feeder is “K” and the bottom is “J”. Refer to Figure 23. If the installation requires a second HCSF, the top feeder is “M” and the bottom is “L”.

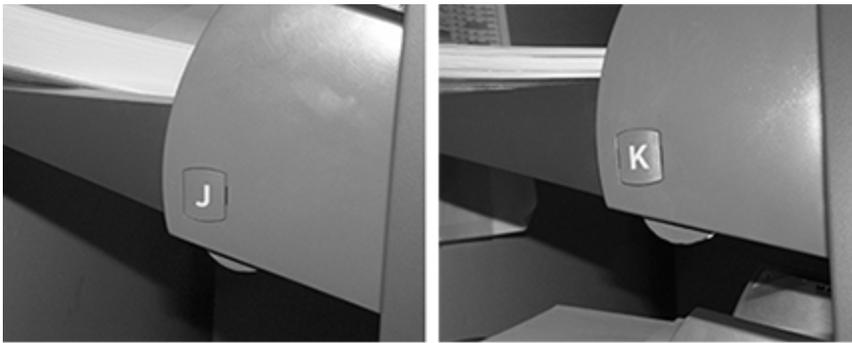


Figure 23 Feeder Badges (J Bottom, K Top)

Also install any required labels. (This does not apply to domestic machines, but does apply to those sold in international markets. Country-specific badges and labels are furnished in the localization kit.)

20. Remove the lift handle screws. Push the lift handles in and secure them with the screws just removed. See Figure 24.

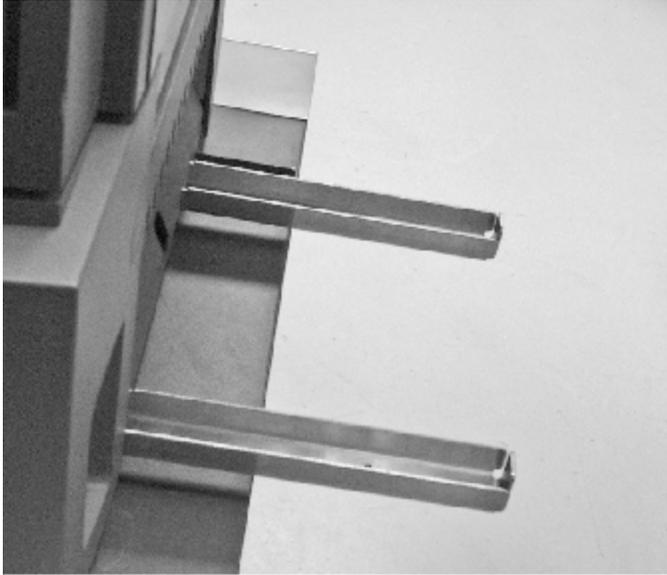


Figure 24 HCSF Lift Handles

21. Install and connect the AC cord. See Figure 25.

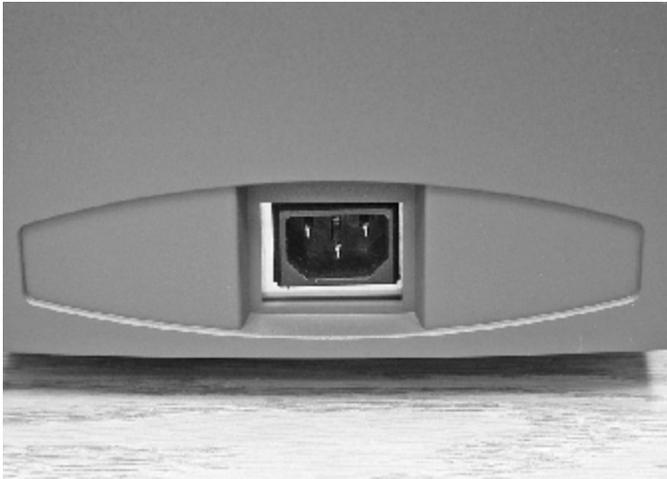


Figure 25 AC Cord Receptacle

Startup and Feeder Enabling

1. Turn on the HCSF before you turn on the base unit.
2. At the UI (User Interface), check that the HCSF feeders are enabled:
Menu > Tools > Configure System > Feeder Enable/Disable > HCSF

Installing a Second HCSF

If the customer's application requires a second HCSF, installation procedures are the same as those described in this instruction set for a single installation, with these differences:

1. The routing of the HCSF drive belt is somewhat different. See Figure 26.

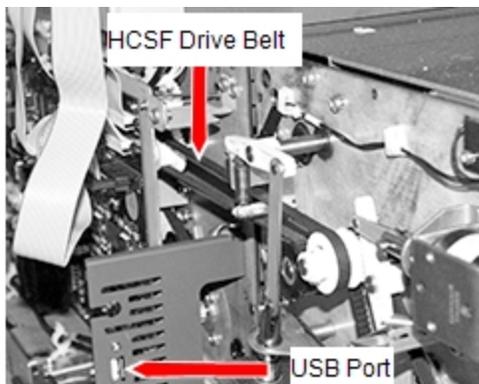


Figure 26 HCSF to HCSF Belt Routing

2. Jumper the interlock harness as shown in Figure 27.

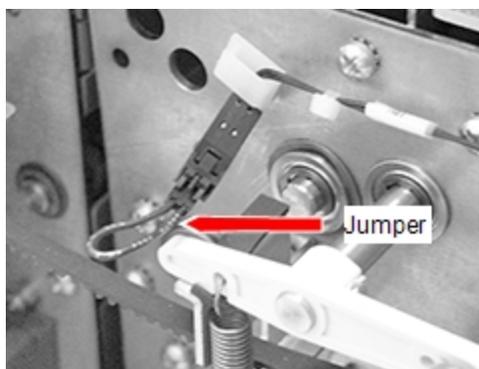


Figure 27 Interlock Wiring

3. Connect the USB cable as shown in Figure 28.

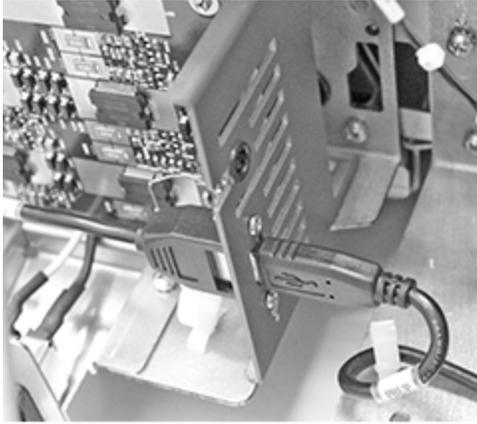


Figure 28 HCSF to HCSF USB Wiring