6306 / 6312
Unpacking/Installation
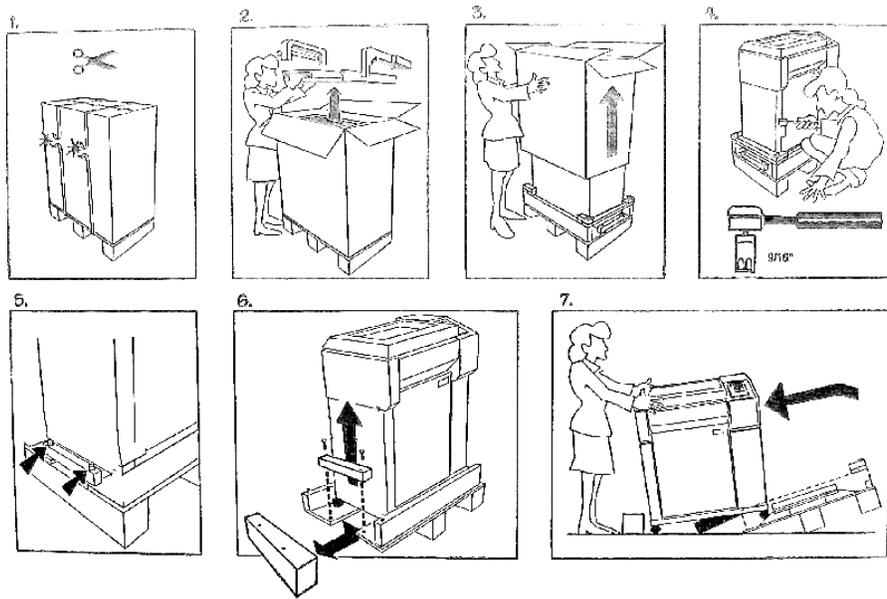
Unpacking

Step 1. Cut the shipping bands.

Step 2. Open the top of the box and remove the accessories and the foam end caps.

Step 3. Lift the cardboard box off the printer.

Steps 4 & 5. Using a 9/16" socket wrench, remove two bolts.

Step 6. Remove the block from under the pallet.

Step 7. Remove shipping tape from the four casters, tip the pallet, and roll the printer onto the floor.

Shipping Hardware

Removing the Shipping Hardware
There are 4 screws, identified by red tags, that secure the printer base to the inside mechanism.

The upper 2 shipping screws have wing-heads which tighten a bracket against the platen. The lower 2 shipping screws fasten from underneath, near the front of the printer cabinet.
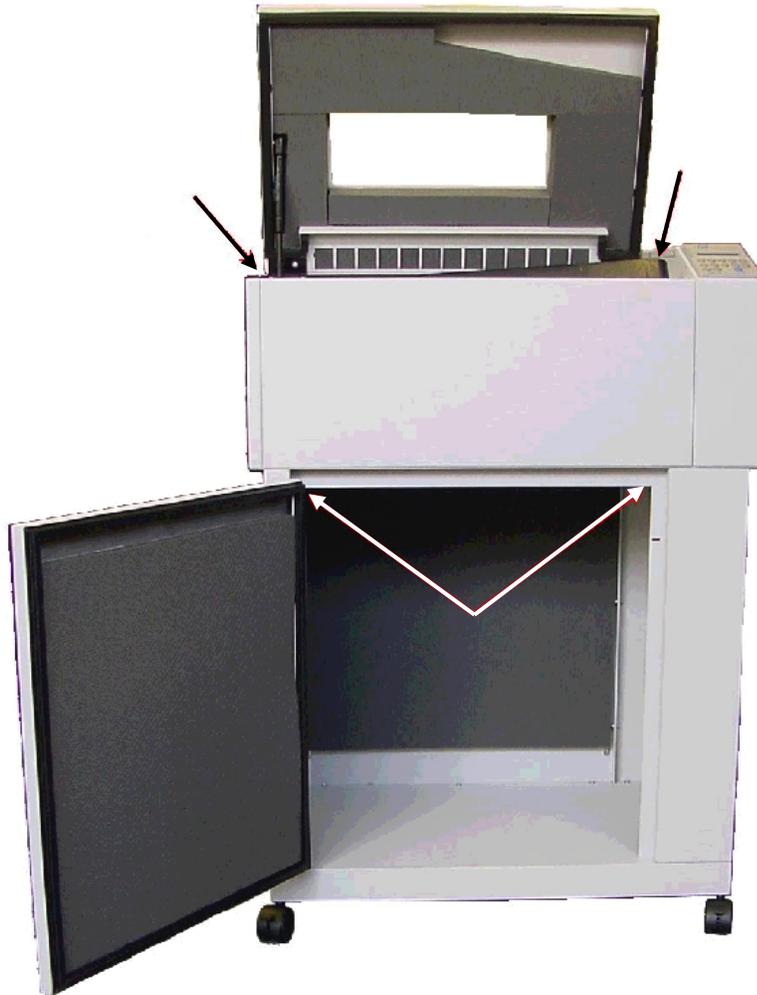
Shipping Screw Locations

Installing Rear Paper Guide

The Rear Paper Guide has two parts. Separate them and attach the lower part to the back of the printer with two existing Phillips-head screws.

Setting Up Paper Stacking Chains
Paper exits the print area through a set of passive Paper Stacking Chains that help fold and stack printed forms uniformly. Release the restraints securing the chains to the wire guides. Make sure chains are not tangled.

Rear Paper Guide

Paper comes out between these two
sets of chains.
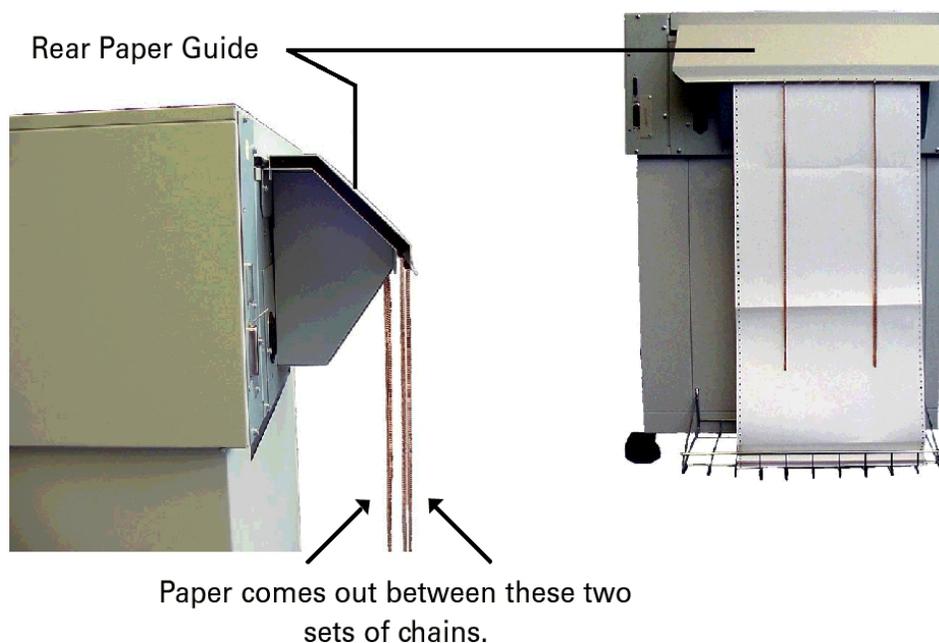
Interface and Power Connections
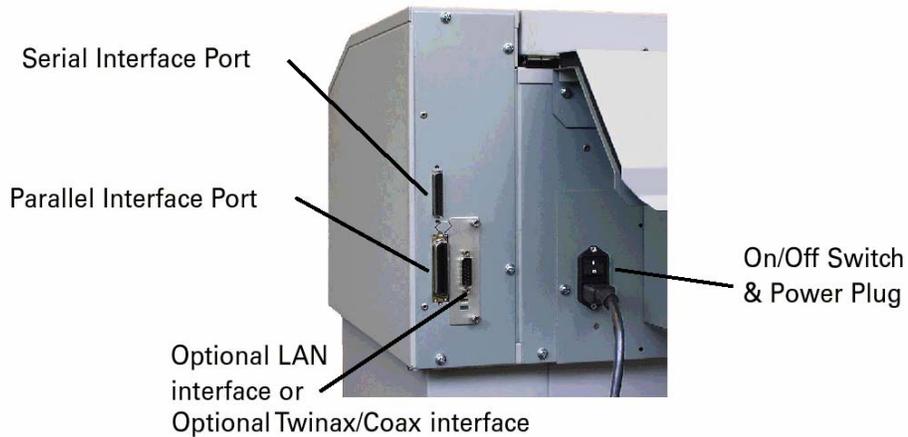
Serial/Parallel
The serial interface operates up to 38.4 kBaud and uses a standard DB-25 serial cable connector and standard RS-232-C signals.

The Centronics parallel port is IEEE-1284 compliant and uses a 36-pin 1284-B type connector (AMP 555119-1 or equivalent).

To connect the Serial or Parallel I/O cable, plug in the cable to the proper connector on the I/O panel.

Installing the Ribbon

Step 1. Make sure the printer is Offline or power is off. Open the printer lid.
Step 2. Remove slack in the ribbon by turning the knob on the ribbon cartridge as indicated by the arrow next to the knob, then slip the ribbon, left side first, over the two ribbon guides and between the front and rear panels of the ribbon shield on the printer.
Step 3. Press down lightly on the cartridge while turning the ribbon knob as before until it seats on the cartridge drive posts. Make sure that the ribbon does not twist or fold over.

RIBBON SHIELD
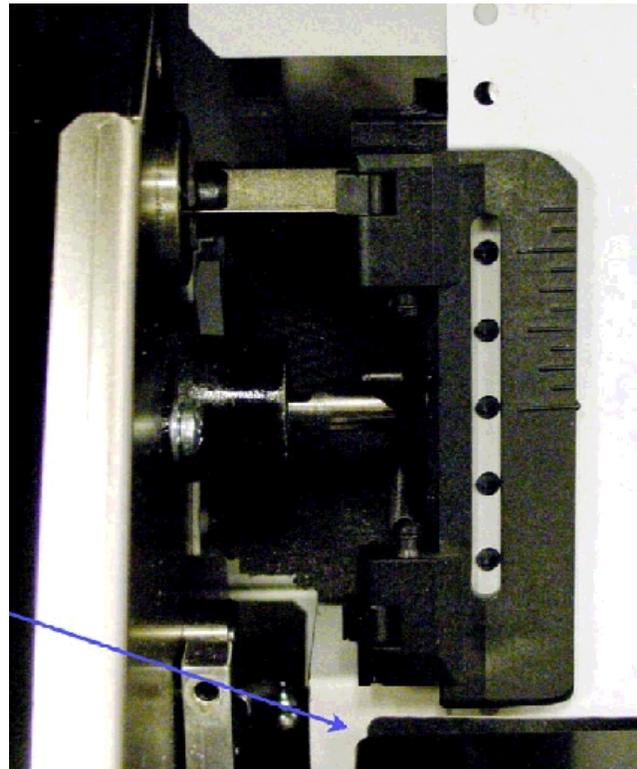
Installing the Ribbon Cartridge

Loading Paper

Step 1. Raise the printer lid and open the doors on both tractors.
Step 2. Place the stack of paper inside the cabinet on the floor and
feed the paper up through the paper slot, a little ways past the
tractors and through the gap between the top back of the printer
and the lid. It will flow out between the paper chains and fold into the wire rack.

Paper Slot
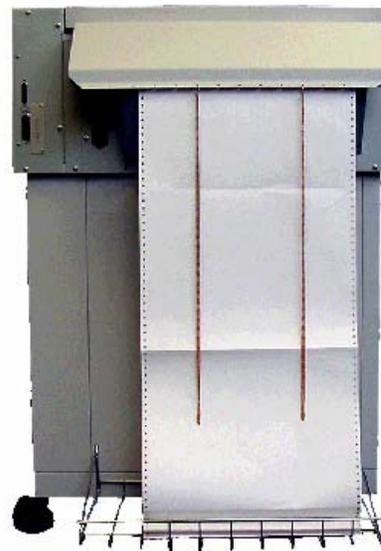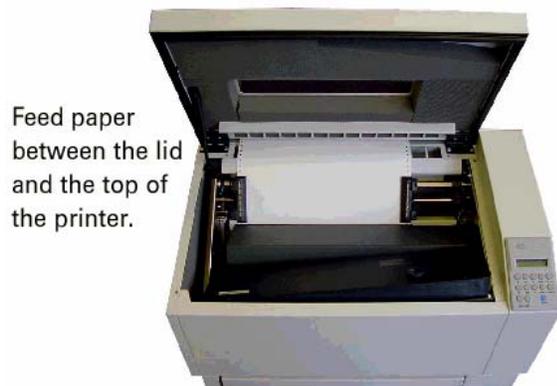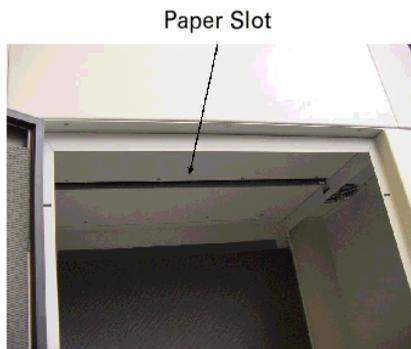
The paper falls
into the wire
rack.

Feed paper
between the lid
and the top of
the printer.

Step 3. Place the left-side paper holes onto the left tractor pins and close
the tractor door.

Tractors
Open
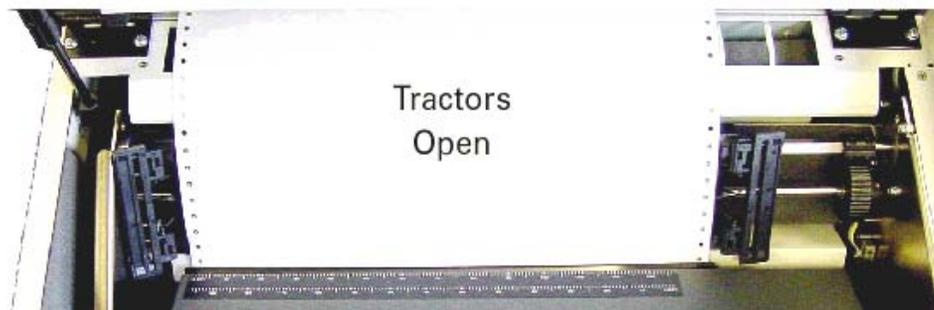
Step 4. The Column Alignment Scale is on the top of the hammer bank housing. Column 1 of pre-printed forms or the left-hand perforation of plain paper should be aligned with the mark on the scale the forms creator has designated.
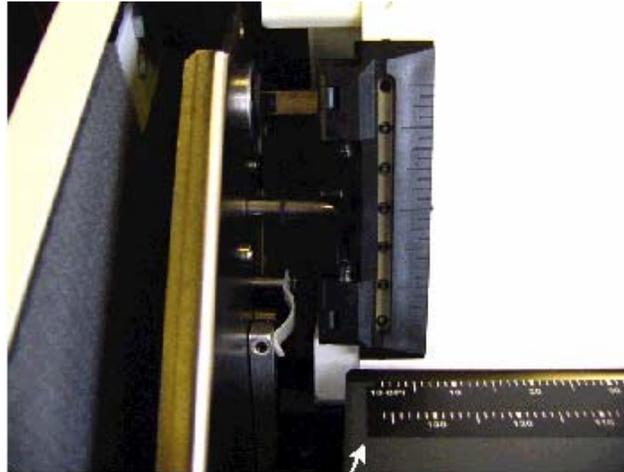
Column Alignment Scale

Step 5. Unlock the right tractor and move it so that the paper's holes align directly over the tractor pins, making sure that the paper is straight, then close the tractor door. Gently push the tractor to the right until the paper is smooth. Unlock the left tractor and, keeping the paper reasonably taut, holding onto both tractors, move the paper to the left or the right until it is roughly aligned with the desired mark on the Column Alignment Scale. Lock both tractors.

Fine tune the Column Alignment: Rotate the Horizontal Vernier Wheel, which is located on the right end of the shaft on which the tractors ride. Use this wheel to get the paper perfectly positioned horizontally.
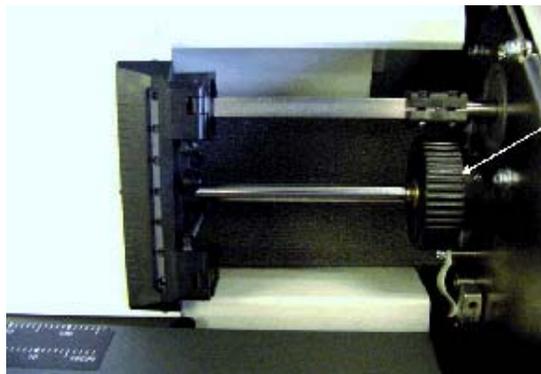
Horizontal Vernier Wheel

Step 6. Set the Top of the Form (TOF). This is done from the Control Panel. If the printer is not on, turn it on now. Press the Online key until "Offline" is displayed. Use the up or down arrows to move the perforation line on the paper to be aligned with the nubbin on the tractor door. Once the paper is positioned, press the TOF key.
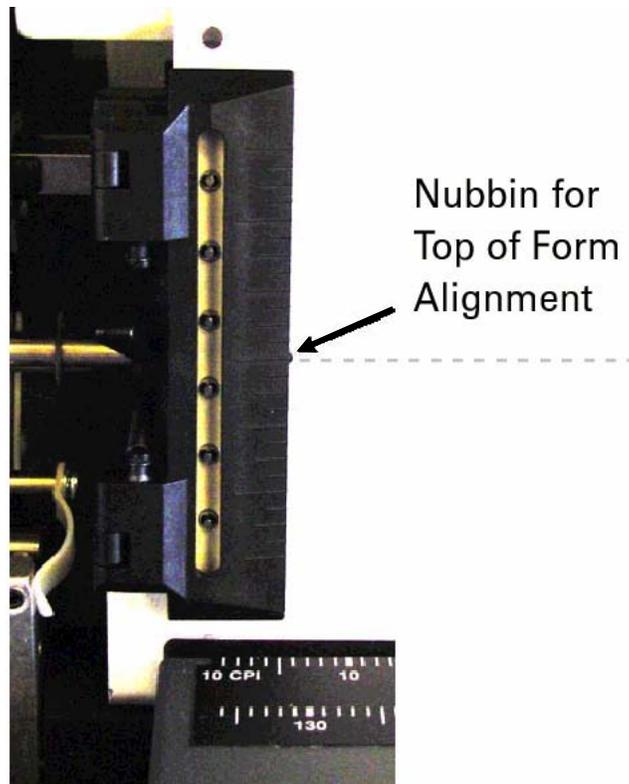
Step 7. Set the Print Gap. If the Print Gap Detect Mode is set to "auto", an initial Print Gap setting appropriate for the thickness of the paper that has been loaded will have been automatically determined when you pressed the TOF key. You may press the "+" or "-" Print Gap key to fine tune this setting (see chapter 2 of the Operator Manual). Press Clear. Use the Arrow and Enter keys to select Menu => Test Menu => Pattern => Print => Upper. Press Enter to begin running a print test. Press Enter to halt the test. Examine what has been printed. Faded print indicates too wide a gap and smeared ink indicates too narrow a gap. Repeat Step 7 until the print is crisp and dark, with no smearing.

Testing the Printer

You can use the Help Menu printout to test the printer.

How to Print a Help Menu Printout

The organization of the multilevel menus is shown on the Help Menu printout. All current selections are marked with an asterisk.

1. Make sure the printer is Offline.
2. Press the Menu key.
3. Use the Up or Down arrow keys until you see Help Menu on the display.
4. Press Enter.

The Help Menu printout begins printing. When it's finished, press the FF key, tear off the sheet and use it to become familiar with menu items.