

TROUBLESHOOTING FOR WEB PRESSES

WEB BREAKS : Tearing of web as it travels through press. This can occur anywhere on the press from infeed to cut-off due to (1) paper defects, (2) press settings, or (3) ink.

CAUSES

PAPER

1. Excessive tension on one or both edges of web due to loss of moisture and shrinkage.
2. Roll has dent or cut in end.
3. Fibre cuts, hair cuts, wire holes, wrinkles, slime spots/holes, foam spots, calendar cuts – any one of these can start a tear.
4. Bad mill splices.

PRESS

1. Web tension set too high.
2. Printing units or other press elements may be out of line. This is indicated if a proportionately large number of web breaks occur in one section of the press. An indication of misalignment of press elements is the presence of diagonal wrinkles in any span of web in the press.

INK

1. Tack of ink is too high causing web to adhere to blanket and follow it, causing a tear and subsequent web break.
2. Low-viscosity ink dripping onto web.
3. Ink slinging.

REMEDIES

PAPER

1. Keep rolls completely wrapped until ready to mount on roll stand. If the rolls are stored, make sure wrappings are undamaged.
2. If dent is not deep, sand or cut it out until edges of the paper are smooth. If the dent is deep, print down to the dent, stop the press and slab off the damaged portion of roll. Consult paper manufacturer.
3. If defects are numerous, consult paper manufacturer.
4. If problem is extensive, the paper mill should be contacted.

PRESS

1. Decrease web tension.
2. Have the press alignment checked and corrected if necessary.

INK

1. Consult ink manufacturer.
2. Consult ink manufacturer.
3. See MISTING/FLYING section of this guide.

