

TROUBLESHOOTING FOR SHEETFED AND WEB PRESSES

PLATE WEARING (METAL): Excessive plate wear. Fine lines and dots tend to disappear. Work loses clarity, printing becomes weak and streaked.

CAUSES

1. Tack of ink too high.
2. Fountain solution too acidic.
3. Incorrect packing of plate and/or blanket. Incorrect surface speeds of the cylinders in relation to each other will cause premature plate wear.
4. Poor roller settings.
5. Poorly ground ink wears plate.

REMEDIES

1. Reduce tack.
2. Check pH and adjust if necessary.
3. Check manufacturer's packing specs. Use packing gauge to confirm correct packing in relation to the bearers.
4. Assure that the rollers are not being driven by the plate. Normally, the setting to the distributor is slightly heavier than to the plate. Set to manufacturer's specs.
5. Regrind ink.

