

# **Section 8**

## ***Troubleshooting Guide***

SYMPTOM	PROBLEM	CORRECTIVE ACTION
<b>PRINT CYLINDER/INK DELIVERY PROBLEMS</b>		
Poor Print	Ink bottle empty Ink-in hose blocked Ink-in tubing worn out Wrong type/size tubing  Ink-in tubing installed wrong backwards in ink-in pump Ink delivery shaft pin not pushed completely into cylinder  Wrong ink (non-Iconotech) being used	Fill ink bottle Check for obstructions and clear Replace tubing Replace tubing – use only Iconotech type tubing Check tubing installation per adjustment procedure Push shaft in all the way to open check valves, and lock nylon screw Discard and use only Iconotech ink. Clean cylinder and use new pad.
Excessive Ink	Ink-out hose blocked Ink-out tubing worn out Ink-out tubing cut or cracked Wrong type/size tubing  Ink-out tubing installed backwards in ink-out pump Ink shaft pin not pushed in completely	Check for obstructions and clear Replace tubing Replace tubing Replace tubing – use only Iconotech type tubing Check tubing installation per adjustment procedure Push shaft in all the way to open check valves and lock nylon screw.
Ink flow through pad poor	Wrong ink (non-Iconotech) being used	Discard and use only Iconotech ink. Clean cylinder and use new pad. Use correct Iconotech pad
Excessive ink at trailing end of pad and film	Case not rolling over trailing end of pad	Adjust leader in printer driver to move image further towards trailing end. Adjust flights so end of cylinder perforations and end of case meet.
Ink leaking out at either end of pad	Loose pad  Wrong ink (non-Iconotech) being used	Make sure the bar with spring loading is free to move and not at end of travel Discard and use only Iconotech ink. Clean cylinder and use new pad.

SYMPTOM	PROBLEM	CORRECTIVE ACTION
<b>FILM LOAD PROBLEMS</b>		
Image film pulls out of fingers during film loading	Loading device feed tension too high  Fingers not gripping properly	Reduce friction on brake  Replace feed fingers
<b>CASE FEEDER PROBLEMS</b>		
Cases flip up as they exit case printer	Hold-down rollers set too low	Adjust rollers higher
<b>DRIVE SYSTEM PROBLEMS</b>		
Drive chains make excessive noise	Drive chain not properly adjusted on drive side  Drive chains not synchronized  Drive chain tension too tight Feed end drive chain sprockets not aligned with chain track in feed rails	Adjust out-feed end sprocket per adjustment procedure Synchronize drive chains per adjustment procedure Reduce chain tension Align sprockets with chain track per procedure
Excessive gear noise at out-feed end of printer	Case printer not leveled	Level case printer by adjusting leveling pads
Case printer will not start	Plexiglas lid interlock switch malfunctioning  Emergency stop switch contact open  Fuse blown	Repair or replace switch  Check switch contacts and repair or replace as required Replace fuse
Air cylinder hissing	Air leakage	Replace air cylinder
Print cylinder will not raise	Air pressure too low  Sticking valve	Make sure air supply to case printer is 60 PSI minimum. If system pressure intermittently drops below 60 PSI, connect case printer to air system with minimum pressure setting of 80 PSI.  Replace valve

For specific adjustment procedures regarding these troubleshooting tips, consult the "Adjustment Procedures" in Section 7.