

TROUBLESHOOTING FOR SHEETFED AND WEB PRESSES

MULTICOLOUR INK TRAPPING (WET, MULTICOLOUR PRINTING):

Cannot achieve good colour balance or overall appearance.

CAUSES

1. Too much tack in relation to preceding ink.
2. Unequal press stability of inks. Ink tacks up quicker than preceding ink.
3. Ink strength not balanced properly.
4. Poor ink-water balance.
5. Poor ink release from blanket.
6. Colour sequence incorrect.

REMEDIES

1. Consult ink manufacturer. Reduce tack of the ink that is not trapping properly.
2. Consult ink manufacturer to adjust stability to be in line with previous colour or colours.
3. Consult ink manufacturer.
4. Too much water and/or ink will create poor trapping. Establish good ink/water balance. Tack-graded inks may also be considered for better trapping.
5. Use quicker-release blanket. Consult blanket and/or ink manufacturer.
6. Lighter ink coverage should be printed first. Switching cyan-magenta sequence is sometimes necessary.