Echo Graphic

Optimum Replenishment with Film

With speedway replenishment you can save chemistry when using the Hope/Carnfeldt EG 900, EG 901, EG 1140 and EG 1141 on-line processors for Heidelberg Primesetters.

The illustration below is based on a film of 0.8 x 0.9 m processed with different black clearance proportions at a Hope/Carnfeldt EG 900.

Standard repl. is set to 400 cc/m2.

Standard replenishment
Max. width of 0.91 m is always used. Replenishment is regardless of black clearance proportion:
Dev. repl.: 0.91 m x 0.9 m x 400cc/m2 = 327,60 cc
Fix. repl.: 0.91 m x 0.9 m x 400cc/m2 = 327,60 cc

Speedway replenishment:
Actual width is always used. Replenishment at 65% black clearance proportion:
Dev. repl.: 0.8 m x 0.9 m x 400cc/m2 x 0.65 = 187.20 cc
Fix. repl.: 0.8 m x 0.9 m x 400cc/m2 x (1-0.65) = 100.80 cc

Thus when processing a 0.8 x 0.9 m film in a Hope/Carnfeldt EG 900 you will save 140 cc developer and 227 cc fixer or 43% developer and 69% fixer.