

Optimum Replenishment with Polyester Plates

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

The illustration below is based on a polyester plate of 80 cm processed at different widths in a Hope/Carnfeldt EP 900.

The following example shows the calculation for a polyester plate of 0.6 x 0.8 m. Standard repl. is set to 200 cc/m².

Standard replenishment:

Max. width of 0.91 m is always used. Replenishment is regardless of black clearance proportion:

Act. repl.: 0.91 m x 0.8 m x 200cc/m² = 144 cc

Stab. repl.: 0.91 m x 0.8 m x 200cc/m² = 144 cc

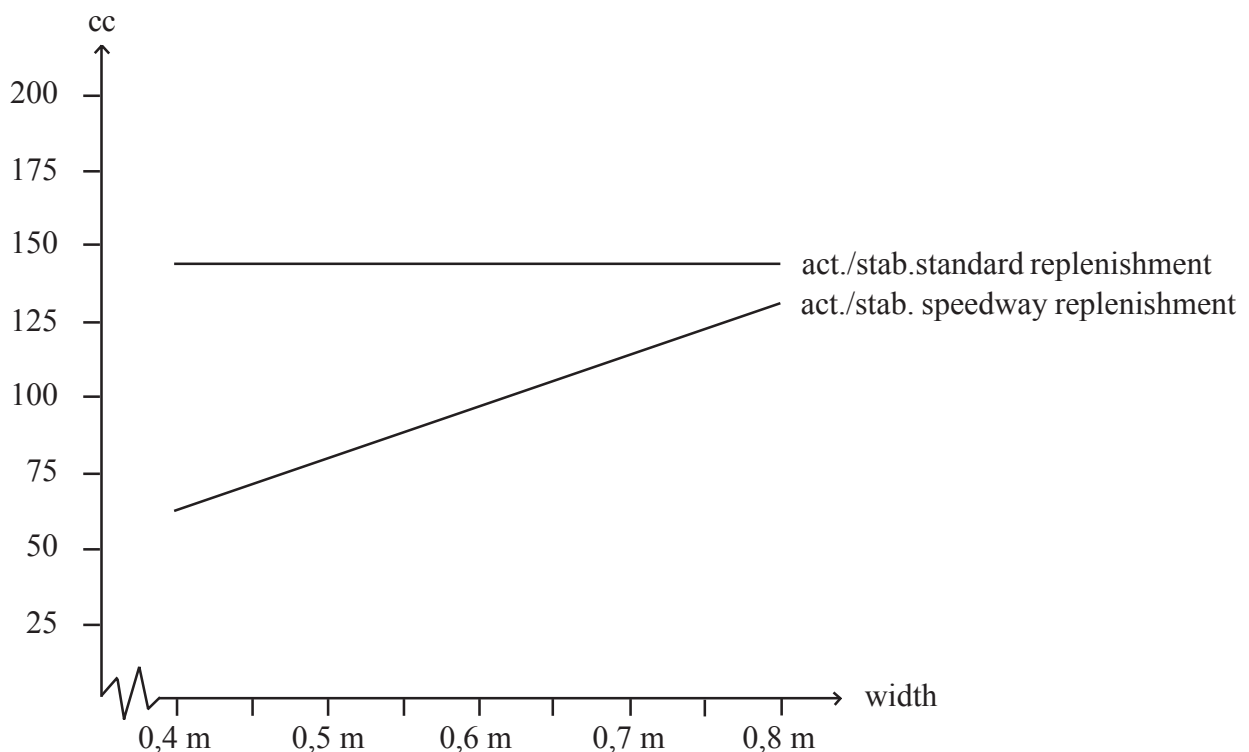
Speedway replenishment:

Actual width is always used. Replenishment is regardless of black clearance proportion:

Act. repl.: 0.6 m x 0.8 m x 200cc/m² = 96 cc

Stab. repl.: 0.6 m x 0.8 m x 200cc/m² = 96 cc

Thus when processing a 0.6 x 0.8 m polyester plate in a Hope/Carnfeldt EP 900 you will save 48 cc activator and 48 cc stabilisator or 33% activator and 33% stabilisator.



Please note that black clearance proportion is not used when calculating replenishment for polyester plates.