

Salient Points

All the various dampening systems suffer to a more or less significant degree from water interference with the transfer of ink to the printing plate. For instance, whenever the format to be printed contains low circumferential image area in one region of the plate at a given position of overall press width and high circumferential image area in another cross-press location, there exists no consistent method, practice or apparatus to assure that dampening of the plate remains simultaneously trouble free in both regions in regard to regular and predictable inking to the plate and onto the substrate.