



NewsWay Press Register



Correct web mis-registration

Compensate for paper stretch

Resize, rotate, mirror and shift individual color

Preserve positions of existing punch marks

Support up to eight color separations

The NewsWay Press Register – corrects mechanical mis-registration and paper stretching on any press.

making
complex
publishing
simple

The NewsWay Press Register is a product that can scale, rotate, mirror and shift the final image to be exposed on the plate in order to correct for press mis-registrations. The use of the NewsWay Press Register greatly improves the final print quality and minimizes press mechanical adjustment.

By modifying the 1 bit TIF of each separation (C, M, Y or K) to the appropriate size the NewsWay Press Register compensates for any press mis-alignment. The NewsWay Press Register works as a stand-alone server and can easily be implemented within the NewsWay production workflow.

NewsWay Press Register

On a web press paper travels at high speed, under tension. When ink and water is applied significant paper stretch can occur causing mis-registration and poor print quality. With tall towers, where paper travels further, the problem becomes worse. NewsWay Press Register software solves the problem, immediately, across the entire plate. It does this by using ProImage's unique digital scaling.

Traditionally, this problem is corrected by the use of tension wheels (also called Bustle Wheels), however, the corrections are not consistent, limited to a specific place on the paper and non linear. The NewsWay Press Register overcomes those issues by performing precise digital scaling of the entire plate image for each separation at a very high degree of precision.

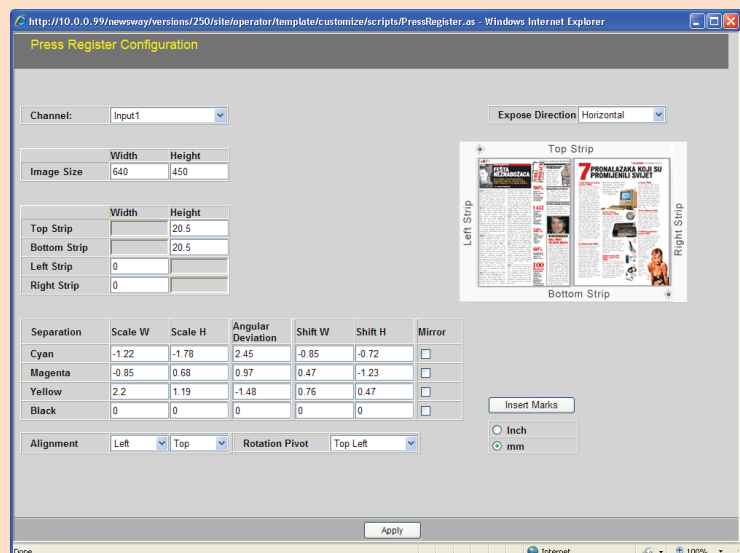
Using a hot folder and an easy to use wizard, the operator defines the plate size, the required registration and angle deviations for each separation (mm or inches). The NewsWay Press Register will automatically rescale, rotate and mirror the 1 bit TIF image data of each plate (while preserving the punch registration marks) and make it ready for exposing on the output device (CtF or CtP).

The scaled image will be placed on the plate either with left, right or center justification, to simulate paper stretch on a multiple plates cylinder.

Original Print Results



Press Register Print Result



Press Register Configuration Wizard View

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