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Vision Registration System Upgrade improves registration while saving the budget

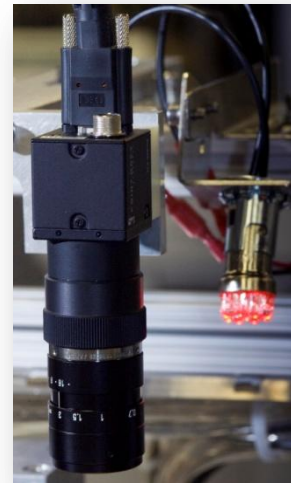
Granger, Indiana – Glunz & Jensen introduced vision registration technology to the newspaper industry for into plate punch/benders in 1986. After millions of plates many of these Glunz & Jensen vision systems are still operating in the world. With these economic times, newspapers are looking for ways to improve their color registration and new punch/benders are not an option. Many consider vision registration upgrade kits from Glunz & Jensen versus taking on the budget justification of new punch/benders.

Recently, Turkuvaz Matabaacilik Yayincilik of Istanbul, Turkey ordered four Vision Registration upgrade kits to extend the life of four of their 15 year old Vision In-line Punch Bender Model 1's (VIPB-1's). The Star Publications of Petaling, Jaya Malaysia purchased three digital Vision Registration kits for their Universal Punch Benders (UPB) to extend their lives and improve their color registration.

The vision registration upgrade kits are digital technology versus the analog systems installed on punch benders up to 2005. The digital system camera and firmware's improved pixel accuracy recognizes the targets faster, distinguishes between the target edges improving the registration table movement to a precise registration within 0.0005" (0.0127mm). The new system improved repeatability from target-to-target and plate to plate registration. The digital system also reduces the rare instance of a plate being misread due vision target failure due to the analog system's recognition.

In some cases mechanical parts, such as the rotary motors need to be replaced on punch/benders due to an excessive amount of use. A consultation from a Glunz & Jensen Punch/Bend service manager can quickly pin-point and assess whether mechanical parts are needed within the punch/bend movement system. A typical Vision Registration Upgrade system includes new digital cameras, a new Windows PC which includes firmware and software.

The cost savings of the upgrade and improve color registration will pay for itself in a short time versus the return on investment of new equipment. So before you head to the budget meeting take a closer



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look at those Glunz & Jensen punch/benders and make that call to Service to see where you actually stand; it could save your budget.

Vision Registration technology is the process where a camera looks for a target imaged onto a web-offset plate and moves the plate to align to preset target locations, providing the highest degree of registration accuracy compared to any other registration technology. Vision Registration systems register to the image removing any inaccuracies in plate manufacturing that other registration systems are depended upon.