



Servo Technologies, LLC.

SV Dual Infeed & Re-register System

*Built for Dual Web
pre-printed applications
demanding superior
registration.*



3 **Applications**

- 1** **Dual Pre-printed
Peel & Read (ECL)**
- 2** **Base Web + Dual Pre-printed
3 ply Peel & Read (ECL)**
- 3** **Split Infeed / Outfeed
Re-register control**

The SV Dual Re-register System:

This option gives you the ability to join two pre-printed webs together with one control unit and two head units. This allows you to marry two pre-printed digital or flexo webs at full production speeds with an accuracy of 0.0015" (1.5 mils).

When the SV Dual is mounted on a Rotary Flexo, Gravure or Offset press, up to three webs can be registered together (joined) at the same time. The two pre-printed webs and the third web (bottom ply) being printed. Manufacturing peel & read products, introduction of holograms and game pieces or RFID chips are just a few of the many possibilities.

Split Infeed / Outfeed Configuration:

With this configuration the operator may use one head unit as a re-register or infeed unit and the second as an outfeed tension control unit. This option accommodates an increased range of tolerances to correct for materials that were printed with throw lengths that are too short or excessively long. When over-feeding occurs, web tension can be lost producing a slack web. The split SV system corrects this situation by automatically speeding up the outfeed and removing the slack. Mechanical press outfeed units are not equipped to correct for this condition.

Greater versatility at a substantial savings:

By opting for the SV Dual Re-resister system, you will enjoy the benefit and versatility of two Re-register / Infeed control systems at a great savings. This savings is the result of requiring only one control/power cabinet to operate two head units.



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SV Retrofit Infeed & Re-register System

Built for Retrofit pre-printed web applications demanding superior registration.



Unmatched Flexibility:

The SV Retrofit System is adaptable. Our SV servo motor can be mounted on the infeed for tension & re-register control or on a specific die/print station for re-registering the tool to the web. It can also be mounted as an outfeed tension control to speed up or slow down the take-up roll to counter the effects of a tight or slack web.

Cost Effective Alternative:

The SV Retrofit System greatly enhances the capabilities of your current Flexo or Rotary press at a fraction of the cost of a new press or digital finisher. And installation is quick and easy minimizing press and operator down time!

3 Applications

- 1 Infeed Tension Control**
• Reduce Material Waste
- 2 Second Pass Printing**
• Add colors, die-cuts, & embellishments
- 3 Digital Print Finishing**
• Utilize your Flexo Press

Superior Servo Driven Infeed Control:

Our SV Retrofit Control System is the perfect solution for precise Infeed Tension Control. Simply mount our SV servo motor to drive the press infeed and install the operator interface control screen wherever you like. Unlike mechanical Infeed tension brakes, our servo retrofit maintains exact web tension across the press at all times.

Benefits include:

- Substantial reduction in material waste that normally occurs during press stops and starts.
- Re-register capability for second pass printing for adding additional colors or embellishments.
- Converts your existing flexo press into a digital finisher by allowing you to utilize your current tooling inventory on pre-printed digital or flexo materials.

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