



# PROPHETEER

*Winning With Advanced Technology*

**PROPHETEER INTERNATIONAL, LLC • 1121 Rose Road • Lake Zurich, IL 60047  
Phone: (847) 540-8988 • Fax: (847) 540-7633**

## CUSTOM SERVO PRESSES

Web Width: 7, 10, 13, 17, 18, 20, 22, to 32 inches



**1800SIL 18 inch Dual Servo**



We were the first North American Press manufacturer to introduce Servo technology to web presses. Today we manufacture two types of servo press. The S system has one servo per print station and the SIL is our dual servo per print station. Our S system has all the features of our line shaft but includes auto registration and pre-setup (the press puts itself into register before any material is run).

The SIL press is our top of the line servo system. Each print station has 2 servo motors. One is dedicated to driving the printing cylinder, eliminating the printing cylinder gear for maximum performance and print quality regardless of substrate thickness. The SIL includes auto register, pre-setup and print length compensation as standard features. This is the ultimate solution for unsupported films and the finest in print quality and registration.

### **Easy to Use and Superior Registration**

- **15 inch viewing area for immediate feedback of operator adjustments**
- **Individual print heads can be added at any time.**
- **Open design allows easy configuration and add-ons**
- **¾ inch solid steel frame**

### **Why servo?**

- **Better registration than line shaft presses**
- **Faster setup, auto registration and pre-registration**
- **Quiet operation**
- **Less maintenance and moving parts**



**2000SIL 20 inch Dual Servo with UV and Driven Chill Rolls**

## **Standard Features:**

### **Unwind Stand (Servo Driven)**

- **Pneumatic Core Holder**
- **Roll Lift**
- **Electronic Dancer System for Unwind Roll Control**
- **Servo Close Loop Infeed Pacing System with High Friction Coated Infeed Roller**
- **Electronic Web Guide with Integrated Splicing Table, Ultrasonic Edge Detector and Lateral Fine Adjust**
- **Non-contact Roll End Detector to Stop Press Automatically**

### **Flexo Printing Station (Dual Servo "SIL") (Single Servo "S")**

- **Lateral Running Register  $\pm .187$ "**
- **Lineal 360 Degree Running Register**
- **Automatic Print Cylinder Impression On/Off**
- **Slow Speed Doctor Roll Drive**
- **Drop-in, Self-adjusting, Doctor Blade Holder**
- **Ceramic Anilox**
- **Individual Hot Air Drying System for each Station (Option)**

### **Rotary Die Cutting Station (Servo Driven)**

- **Die Cutting Capacity**
- **Lateral Running Register**
- **Lineal 360 Degree Running Register**
- **Through Hardened Removable Anvil with Support Shaft**

### **Waste Stripping Station**

- **Adjustable Tension Capstan Roll**
- **Pneumatic Coreholder, Switch Inflation Control**
- **Adjustable Winding Tension**

### **Slitting and Pull Roll (Servo Driven)**

- **Rubber Nip Roller Over High Friction Coated Outfeed Roller**
- **3 Pneumatically Actuated Slitters on a Laterally Movable Mounting**
- **Servo Driven Outfeed**

### **Single Product Rewind Stations (Servo Driven)**

- **Pneumatic Core Holder, Switch Operated**

### **Drive Control**

- **Touchscreen Operator Interface Located On Last Module**





## 28 inch Wide Walk in Flexo Print Stations

### Options Available Include

- Multiple Unwinds with Bridge
- Corona Treater
- Web Cleaner
- Turn Bar
- Reverse Print Stations
- UV Curing
- Lamination Top and/or Bottom Side
- Mid Stream Die Stations
- Video Web Viewing
- RD Score
- Hot Stamping
- Cold Foil System
- Cut Sheet Conveyor
- De-Nesting Conveyor
- Second Product Rewind

See Our Video of The SIL - [Http://youtu.be/ko9uniiqamu](http://youtu.be/ko9uniiqamu)

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