

SIMPLEX™

The New Simplicity in Web Guiding Systems



Electro-mechanical guiding systems for medium to wide web processes

SimPlex is an advanced, totally integrated digital-based guiding system ideal for today's demanding needs from intermediate guide applications to unwind/rewind stands. More compact, smarter, and easier to use, this new generation guiding system provides precise web control while streamlining the tasks of the machine operator.



SimPlex provides simple one touch setup while offering self-diagnostics and system status annunciation. No calibration or configuration is required. When power is applied, SimPlex is ready to go. The small, unique operator interface can be easily placed where you need it and is easy to understand and use. SimPlex is designed for the worldwide market with international operating symbols and is CE compliant and UL listed.



Operator Interface

(H6415-DSP)

- Simplicity in auto-web setup
- Self-diagnostics with status messages
- International symbols
- Keyboard lockout feature
- Control from one or two remote locations
- High contrast display
- Flush or surface mount
- Compact design



DeviceNet/Computer Interface

(EIA-485 Serial Link)

Link to DeviceNet via H6801 or direct to a host computer via EIA-485 serial link

- Remotely duplicate functions from operator interface
- Complement or replace operator interface
- Allows centralized operator control
- Communicate with multiple guiding systems
- Save and recall web setups
- Perform remote offset
- Display and respond to system status codes



Remote Offset Adjustment

(H6415-OFS)

For use with wide band detectors

- Remotely shift guide point
- Feature can be duplicated through customers' computer interface

Detectors

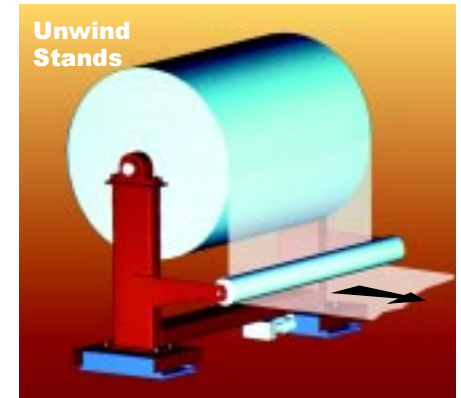


- Discriminating photo-electric spot type
- Discriminating photo-electric wide band
- Discriminating line follower

Using our wide array of detectors:

- Crystal clear webs
- Ambient light rejection
- Very limited available space
- Light sensitive film
- Printing near web edge
- Large width changes
- Guiding to printed line/color contrast
- Variable opacity web
- Ultrasonic
- Large gap and throat

Guide devices available for every application

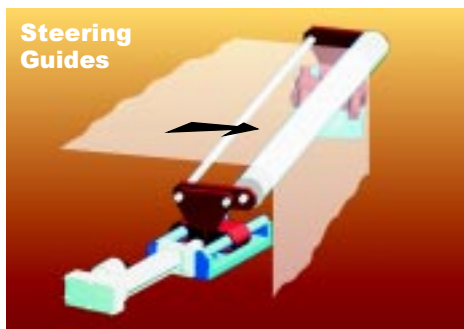
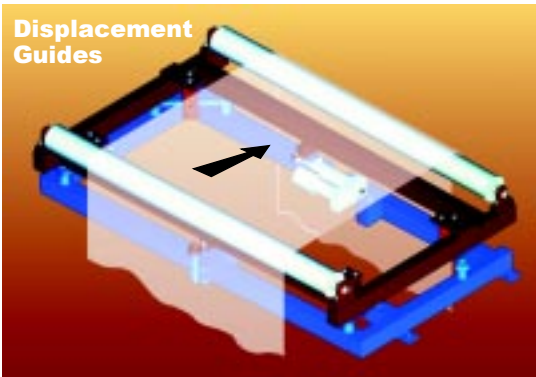


The power of SimPlex

- Highest actuator/guide speeds available in the industry to meet today's higher line speeds
- Price competitive with high maintenance pneumo-hydraulic systems

**SimPlex,
simplicity in
web guiding
systems.**

Built from an array of innovative components.



- **No configuration required. Automatic one touch setup for any web**
- **Built in self-diagnostics. Eliminate time consuming trouble-shooting**

Actuator (H5530 "F" Family)

- 150, 300, and 500 lb. thrust available.
- Universal flange/clevis mount
- Integral servo-center sensor available



Controllers

(H6416 and H6425 - AMP)

- Self-diagnostics
- Advanced PWM motor drive control
- Two EIA-485 (RS-485) serial ports
- Plug-in connections
- No internal operator adjustments
- System status relay outputs
- AC servo center command input
- AC line run/inhibit input
- 115/230 VAC switch selectable
- Senses end-of-travel
- No actuator limit switches required
- 24 VDC applications use H6421-AMP

Actuator (H5530H)

- 1000 lbs. thrust at 1.5 inches/second
(capable of moving over 10,000 lb load on anti-friction supports)
- In-line clevis mount or flange mount
- Actuator brake available
- Integral servo-center sensor available
- All gear/ball screw drive



Accessories

Motorized Detector Positioner (H5560)

- Adjusts detector spacing in reference to machine centerline
- Quiet, maintenance-free operation
- Single or dual detector mount

Servo Center

- Automatically positions guide/actuator to center of travel

