

THE WEB GUIDE CONTROL

SELEGUIDE 9000

SELECTRA – Dynamic and Innovative
Performance without compromise



SELECTRA srl

Studi e costruzioni elettroniche

SELEGUIDE 9000

FIELDS OF APPLICATION:

- Printing presses
- Bag making machines
- Extruders
- Cardboard machines
- Converting machines
- Tissue machines
- Tire machines



The **SELEGUIDE 9000** is an automatic web guide system featuring the uncompromising design of new technologies.

The **SELEGUIDE 9000** is setting new standards for precise alignment. Providing an high degree of control granted by PID algorithms, the **SELEGUIDE 9000** reacts in real time to errors.

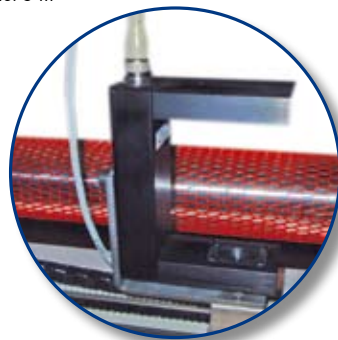
FEATURES

- Generating power supply: 24V
- Operating panel with LCD interface display
- Digital driver to control the correcting motor
- RS-485 serial communication
- Alarm output
- PID algorithms
- Networking up to 32 stations
- User friendly interface
- Servo-center at start-up
- Cost effective solution



ULTRASONIC SENSOR

- Power supply: 24V
- Scanning field (proportional band): 20 mm
- Ultrasonic technology
- Suitable for contrasted and transparent materials
- Insensitive to dirt
- Electric noise protection
- Distance of beams: 50-100 mm
- RS-485 connection
- Standard cable: 5 m



INFRARED SENSOR

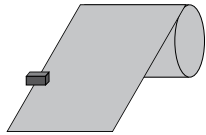
- Power supply: 24V
- Scanning field (proportional band): 20 mm
- Infrared technology
- Suitable for tissue net
- Cleaning protection device with air flow option
- Electric noise protection
- Distance of beams: 50-100 mm
- RS-485 connection
- Standard cable: 5 m

SPECIAL SENSORS

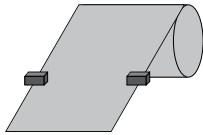


TSA SENSORS

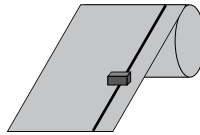
GUIDING MODES



Edge guiding



Centre guiding
(web width indication)



Contrast guiding

LINE AND CONTRAST SENSOR

- Power supply: 24V
- Scanning field (proportional band): 25 mm
- Line-scan technology with LED light
- Spot light pointer
- Suitable for line and contrast
- Suitable for opaque and reflective materials
- Quick calibration set-up
- Interrupted line and contrast control
- Multiple lines scanning
- Electric noise protection
- Suggested web-sensor distance: 20 mm
- RS-485 connection
- Standard cable: 5 m



MOTORISED SENSOR POSITIONING



ACTUATION



OPG and KR WIDE WEB DEVICE

- Pivoting frame
- Web width: up to 3000mm
- Servo-center
- Correction: +/- 50mm
- Micrometric support
- Cork cover for exit roll
- Internal end switches
- Standard cable: 5 m

HYDRAULIC ACTUATORS

- Driven by 24V proportional valve
- Designed for high actuating force
- Field of application: heavy weights movement

SELECTRA – Dynamic and Innovative
Performance without compromise

STANDARD ACTUATORS

- Power supply: 24V
- Fast reaction: 25-35mm/sec
- Force size: 1200N – 2500N – 7000N
- Stroke: 50mm – 100mm – 200mm
- Water resistant
- Ball screw for high durability
- Internal/external end switches
- Standard cable: 5 m

OPG NARROW WEB DEVICE

- Pivoting frame
- Web width: up to 300mm
- Servo-center
- Correction: +/- 25mm
- Micrometric support
- Cork cover for exit roll
- Internal end switches
- Standard cable: 5 m



REGISTER CONTROLS



WEB INSPECTION SYSTEMS



VISCOSITY CONTROLS



SELECTRA srl

Studi e costruzioni elettroniche

via delle Brigole, 4
23877 **Paderno d'Adda** (LC) - **ITALY**

tel. +39 (0) 39 513012

fax +39 (0) 39 512084

www.selectrasrl.it

informazioni@selectrasrl.it

Agente - Dealer