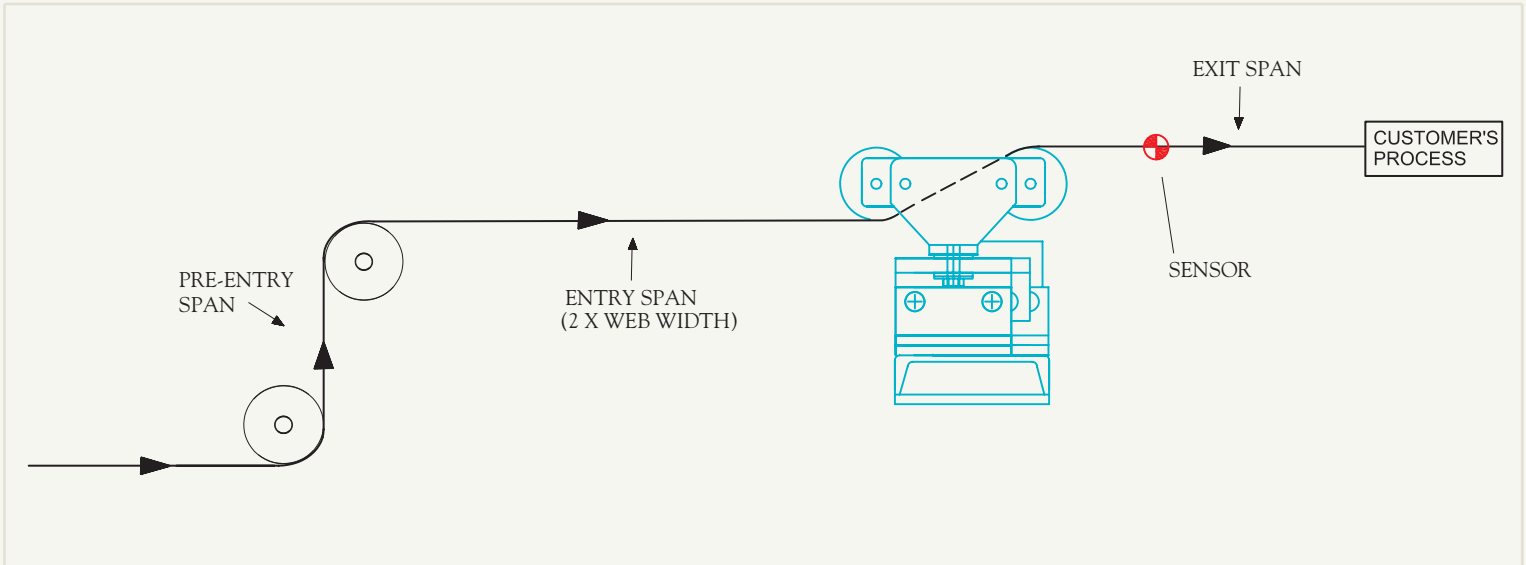


# Steering Guide Requirements

## APPLICATION:

Correcting web misalignment by positioning the guide roller(s) laterally, while simultaneously pivoting in the same direction (**guide moves in an arcing manner**). The preferred threading is a single or double roller guide with a 90° wrap. When necessary, a straight-through "S" wrap threading can be used.



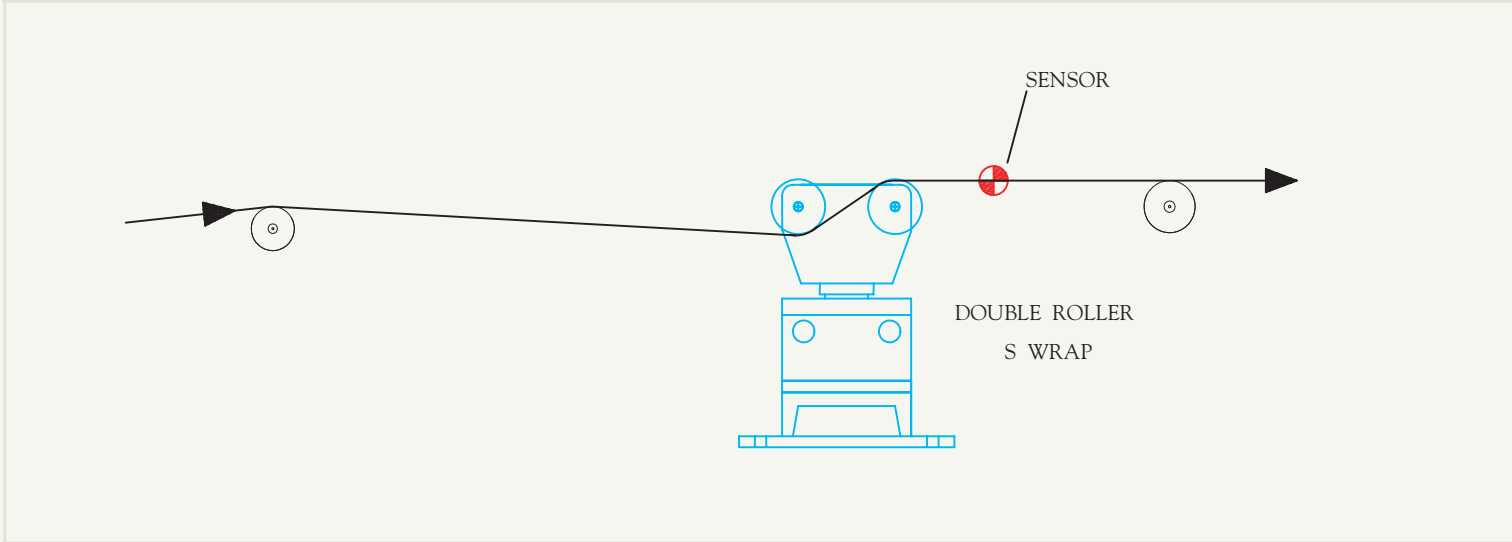
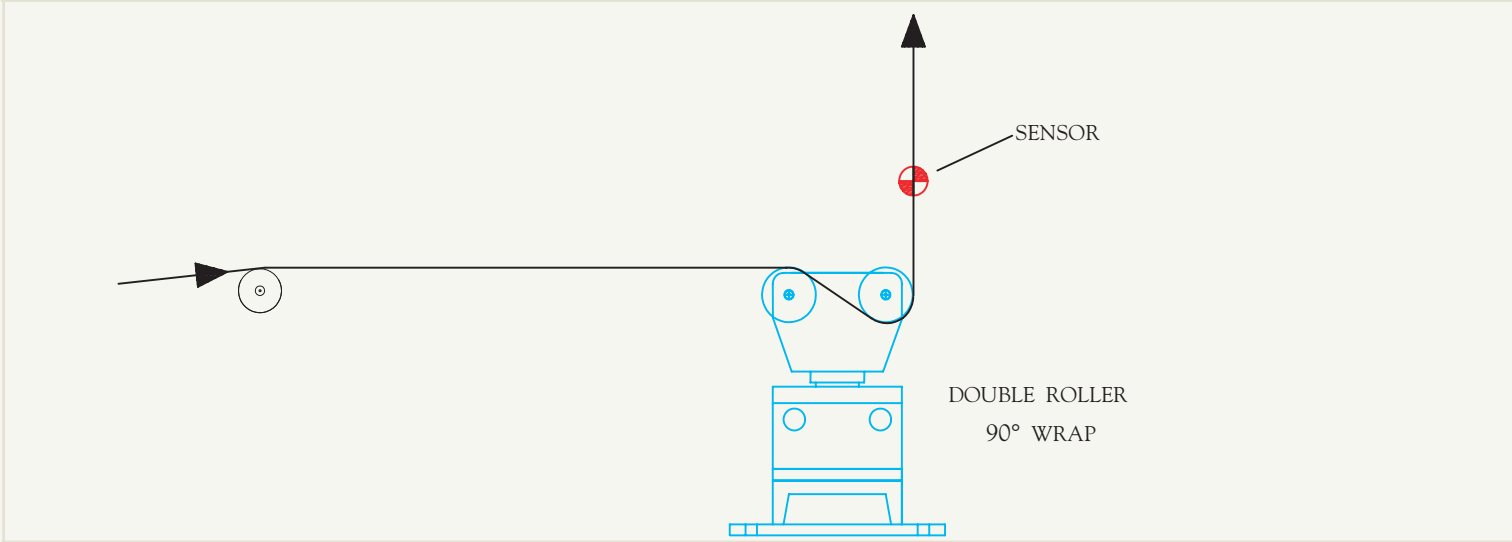
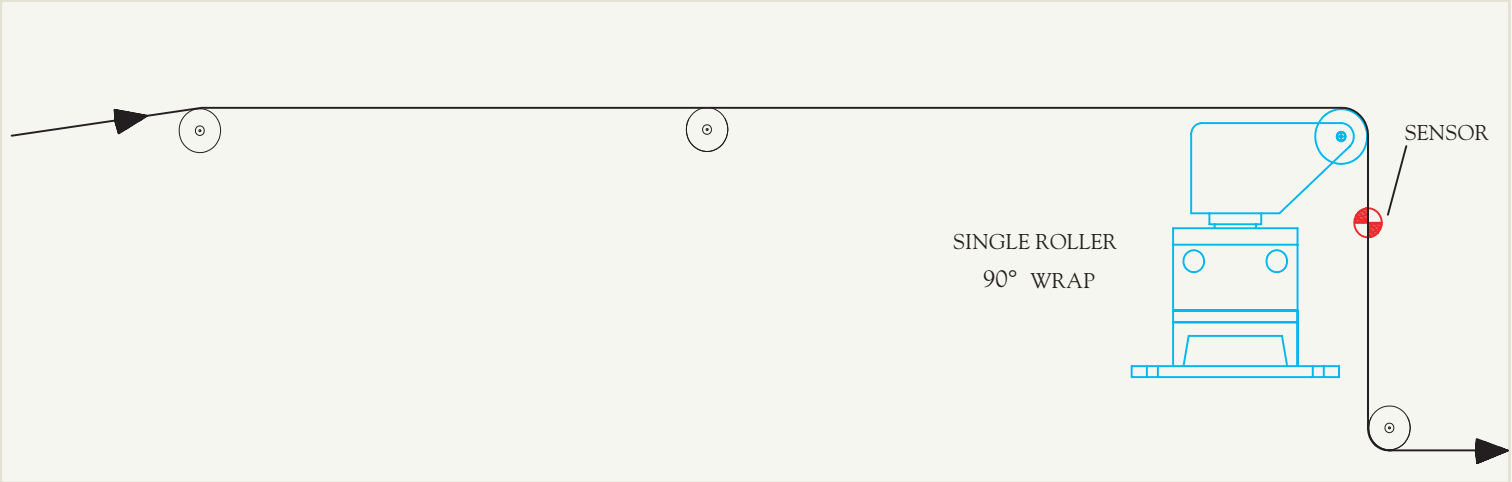
## REQUIREMENTS:

- The steering guide must be installed after a long, free-entering web span (**less than 10° wrap on the rollers**) to prevent wrinkling. A web entry span of at least 2x the maximum web width must be maintained
- The pre-entry span must be shorter than the entry span
- The preferred exit span should be at least 1/2 to 1x the maximum web width
- The air-flow sensor must be securely mounted after the guide's exit roller (**within the first 1/3 of the exit span**)
- At least one idler roller must be located between the exit roller and the process (i.e. printing) to avoid guiding directly into a process

## RETROFIT REQUIREMENTS:

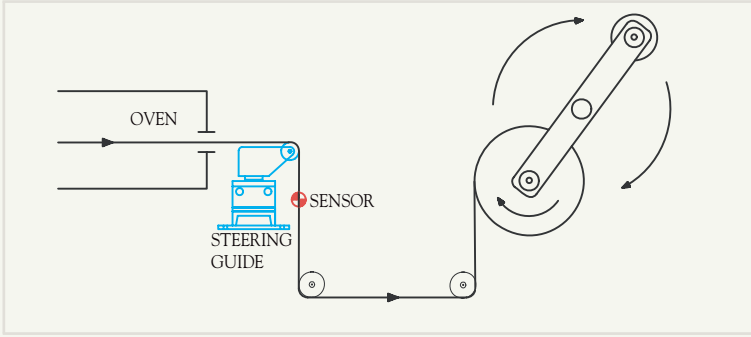
- Retrofitting or replacing an older (**hydraulic or electronic**) control system attached to an existing guide assembly with the Coast All-Air Control System
- Existing guide must be in good mechanical condition and must move freely-without bind
- Must be properly located and installed on a web processing machine. (See above requirements)  
It may be necessary to relocate the guide to obtain the desired guiding results
- Actuator attaches to the guide's existing linear raceway assembly using a special mounting adapter (flange)

# Typical Steering Guide Installation and Threading Options

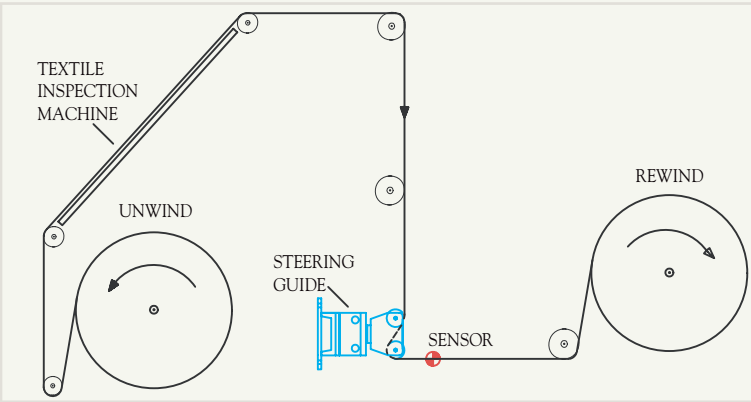


\* Note: The air-flow sensor should be located as close to the exiting guide roller as possible and within the first 1/3 of the exiting span.

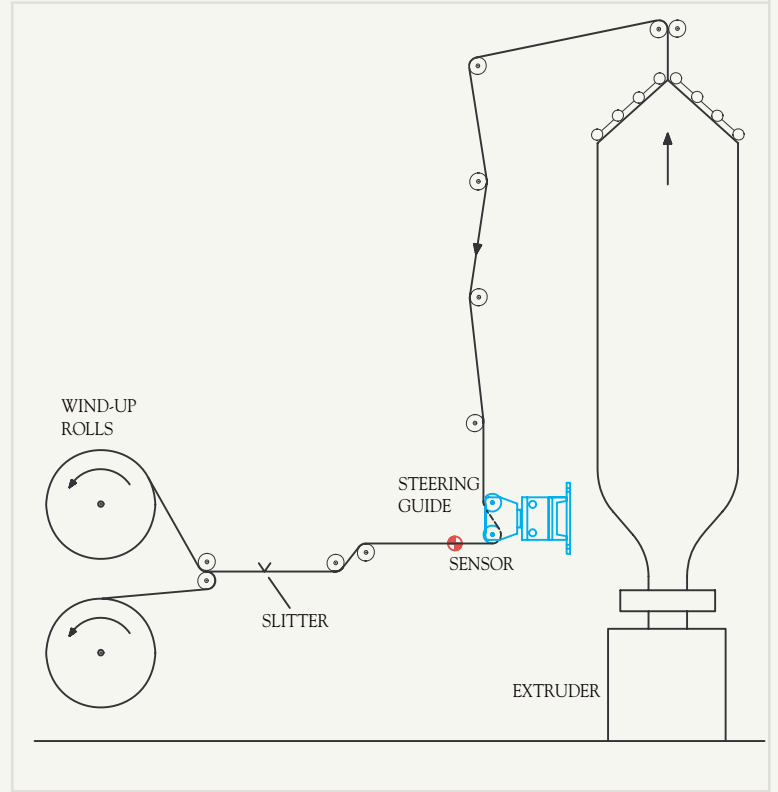
# Typical Steering Guide Applications



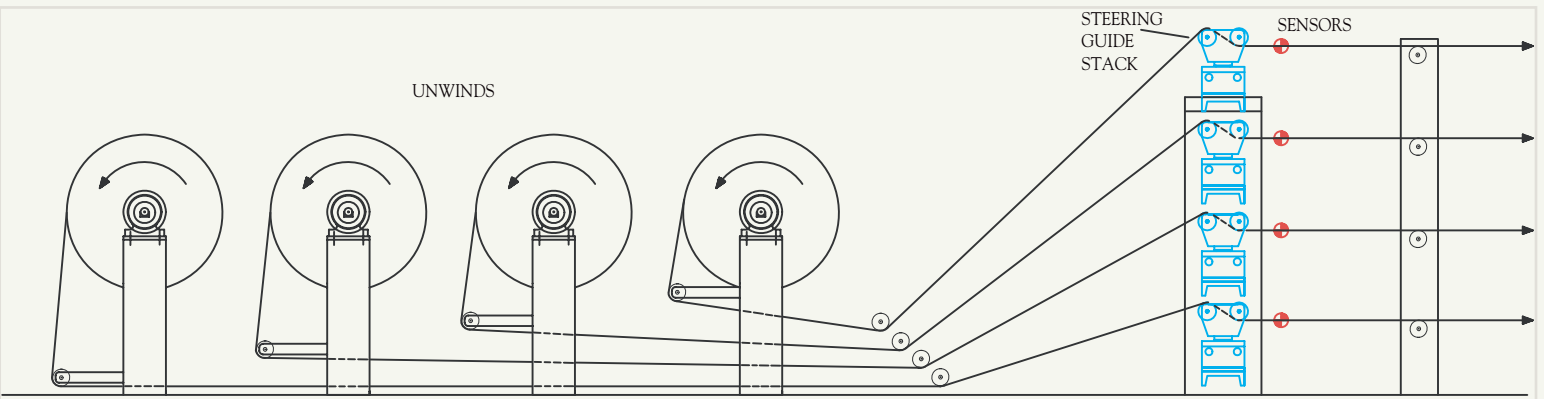
GUIDING FROM AN OVEN



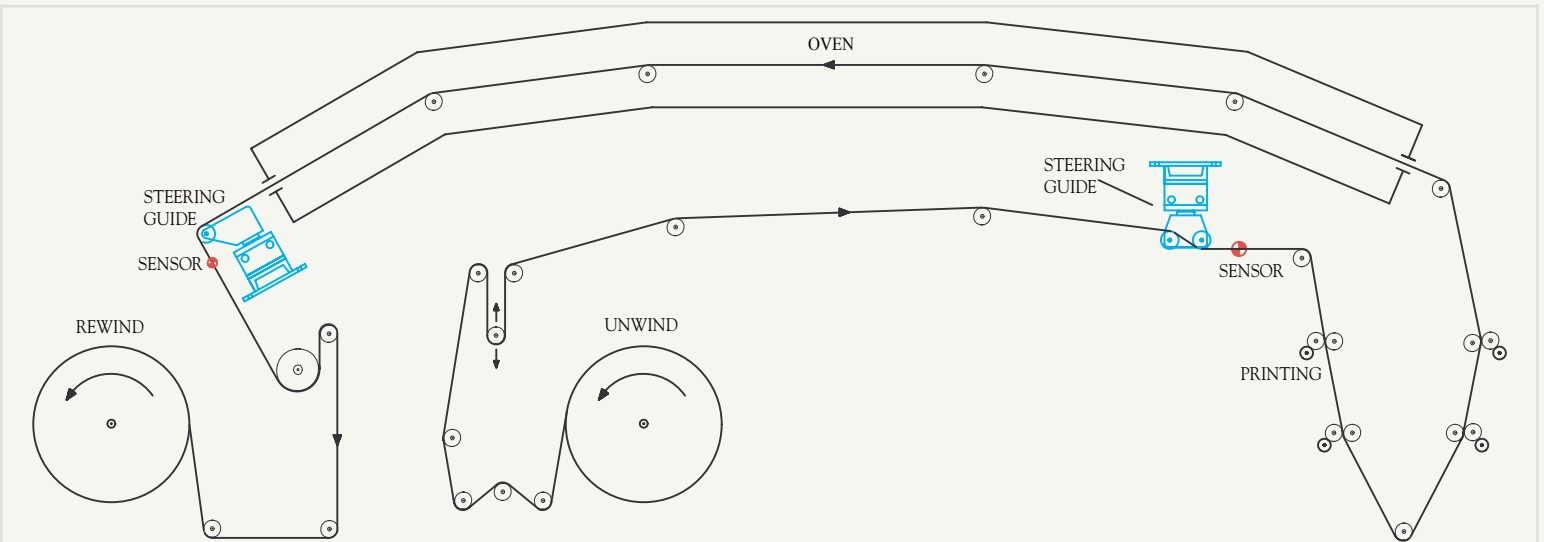
GUIDING ON AN INSPECTION MACHINE



GUIDING INTO SLITTING AND WIND-UP ON A BLOWN FILM EXTRUDER



GUIDING 4 WEBS ON A MULTIWALL BAG MACHINE



GUIDING INTO PRINTING AND REWIND ON A FLEXOGRAPHIC PRESS