

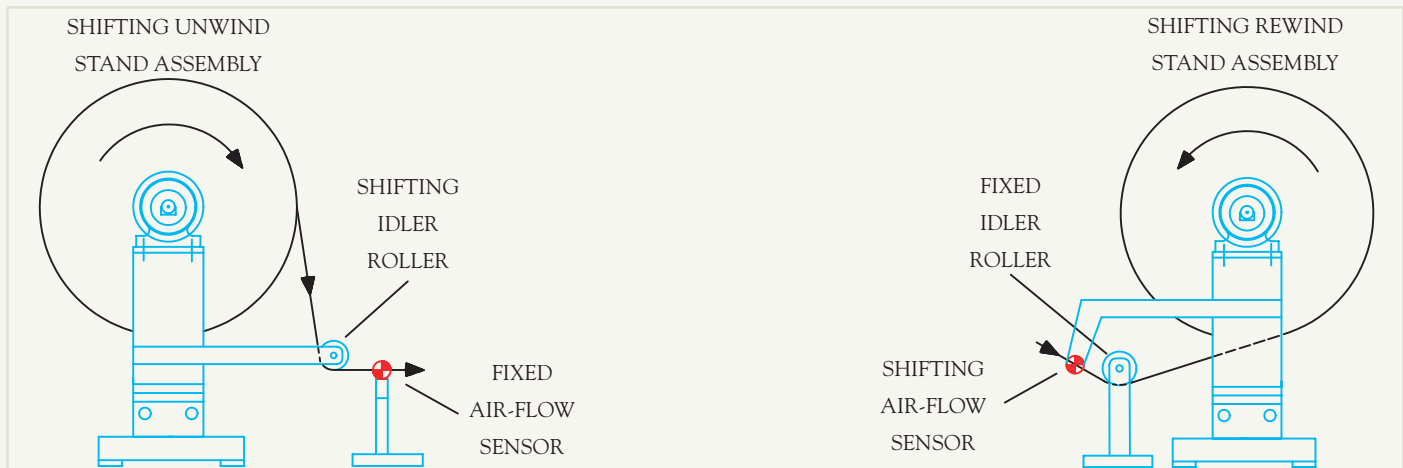
Shifting Stand Requirements

UNWIND APPLICATION:

These systems control the lateral position of a material as it unwinds into a process or a predetermined position by shifting the unwinding roll.

UNWIND REQUIREMENTS:

- At least one fixed idler is attached to - and moves in unison with - the stand to keep the material on a constant plane through the air-flow sensor as the diameter of the roll decreases
- The air-flow sensor mounts to a stationary part of the machine independent of the shifting stand and does not move during guiding



REWIND APPLICATION (**chasing**):

This approach assures a constant web edge position at the rewind shaft as determined by the location of the air-flow sensor to produce straight-sided wound rolls.

REWIND REQUIREMENTS:

- Air-flow sensor attaches to and moves in unison with the stand to maintain a constant plane of the web through the detector as the diameter of the roll increases
- A fixed idler roller is mounted independent of the stand between the detector and rewinding roll

RETROFIT REQUIREMENTS:

- Retrofitting or replacing an older (**hydraulic or electronic**) control system attached to an existing guide assembly with the Coast *All-Air* Controls 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
- An actuator and raceway assembly attach to the shifting assembly using spherical bearings, threaded rod, and a connection bracket. Total load to shift (roll weight + movable frame) can be up to 2,000 lbs. (909 Kg.)