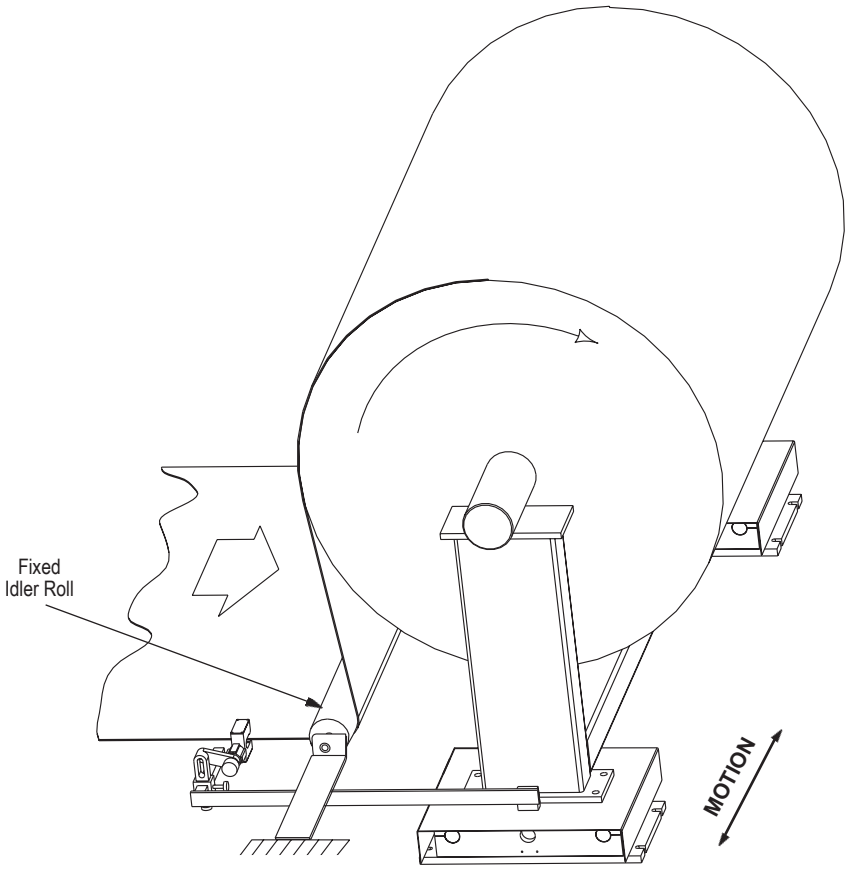
TYPICAL REWIND GUIDE



A rewind guide is used at the end of a process line to wind rolls despite variations in the path of the incoming web. The detector is attached to the shifting stand and is located just before a fixed idler roll that is not attached to the stand.

Rewind guidelines:

- A rewind guide does not guide the web. It moves to the actual web position so that the web can be wound on a roll with a straight edge.
- The stroke of the shifting stand must be greater than the maximum web edge portion variation.
- The actuator must be sized to accelerate the the inertia of the roll, overcome the friction in the shifting stand, and have sufficient velocity to keep up with the maximum rate of change of the web edge position.
- The detector must be placed just ahead of the fixed idler roll and attached to the shifting stand.
- The wrap angle or the fixed idler roll must be large enough to prevent the web from slipping. Motion of the stand must not be seen by the detector. The fixed idler roll must be stationary.
- The shifting stand must be stiff enough to prevent any resonance of the system.

Note: These are generally accepted guidelines in the guiding industry. There may be situations where the above guidelines do not apply. Please consult with a Fives North American application engineer for your specific application.

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