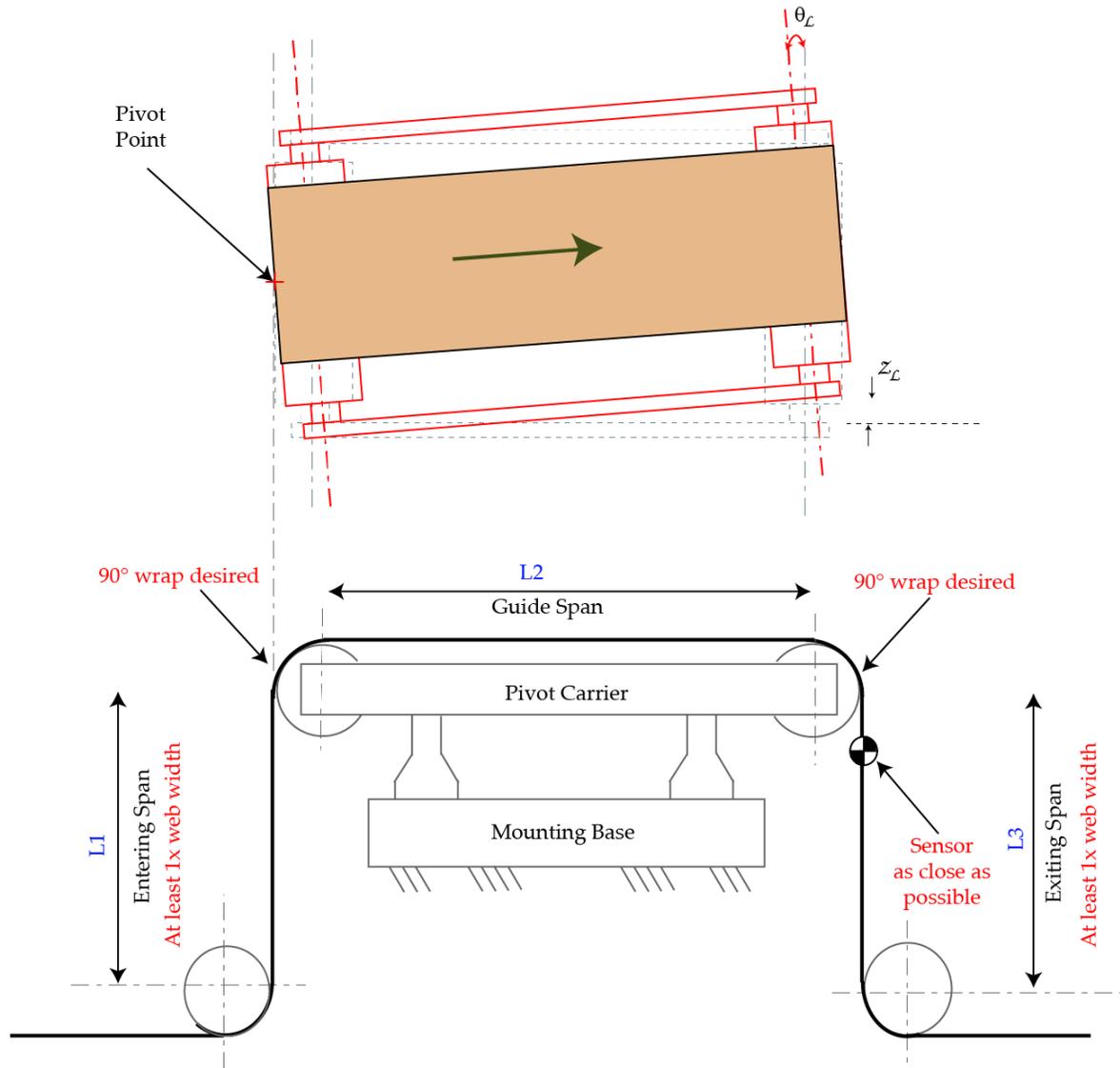


Displacement guide or the offset-pivot guide is an ideal web guide that can be used within any intermediate location of the machine. When properly installed this web guide introduces the least amount of stresses in the web due to its corrective action. With the two guide rollers moving in tandem the correction happens in the exit span.



The checklist for proper displacement guide installation includes:

- Entry and exit span should have 90° wrap. This puts the entry and exit spans in “twisting” rather than bending.
- The 90° wrap can be relaxed if the entry and exit span lengths are longer.
- Guide span can be as long as possible depending on the correction needed.
- Entry and exit can be as short as one half to 1 web width, except for metals 2 to 3 web widths may be necessary.
- Entry span and exit span may not be of the same length.
- Sensor installed as close as possible to the guide roller, ideally in the first one third or one half of the exit span.
- A dead bar or a roller can be installed to stabilize the web in the exit span. If installed the wrap should be no more than 10°. The sensor(s) should be installed upstream of the dead bar or the idle roller.

Wrap Options

Any of the following wrap configurations can be used for installation. Each of these configurations can be rotated 90°, 180° and 270°. Please consult the factory and ensure that the web guide is designed for these rotations.

