How Corrugator Misalignment Causes Costly Issues & Directly Impacts Product Quality

Presented by
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What Factors Impact Corrugator Performance?

- Equipment conditions

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- Equipment conditions
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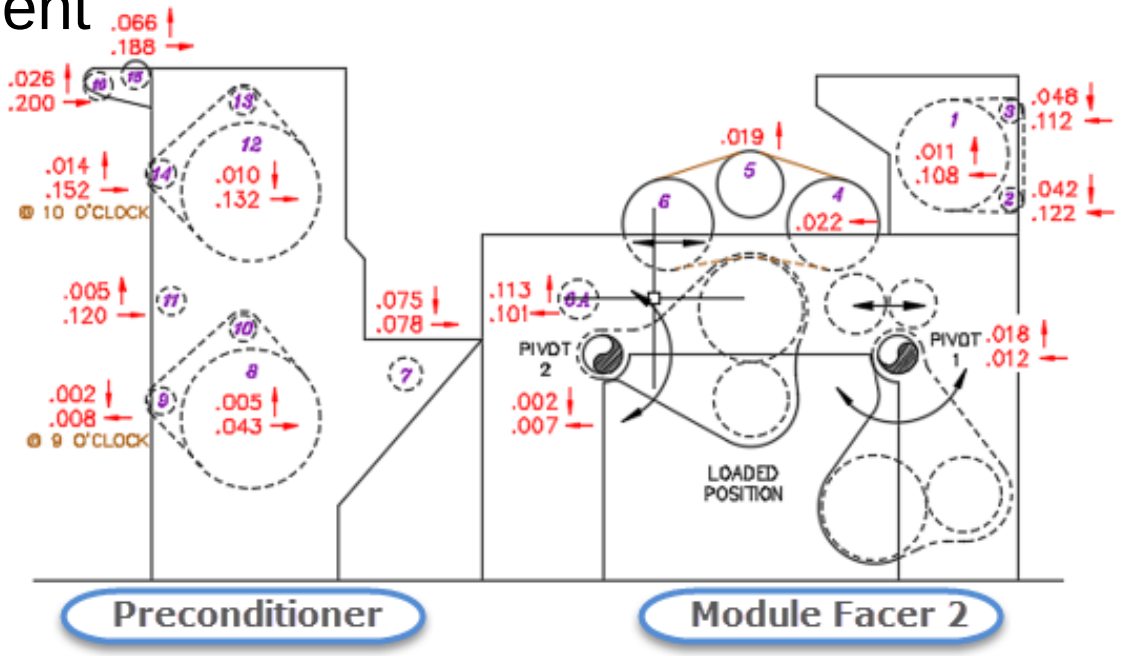
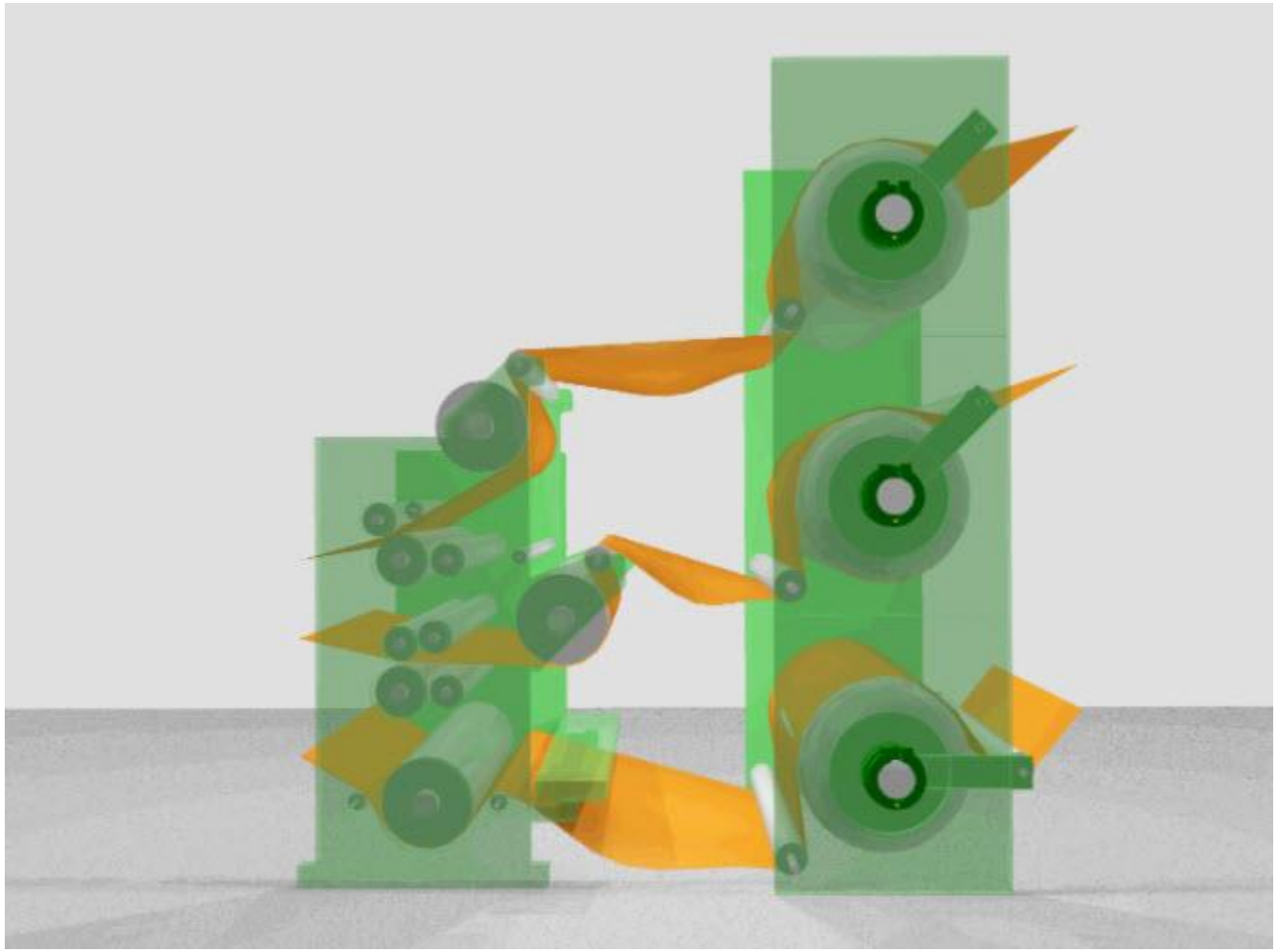
- Inexperienced operator and/or maintenance personnel
- Process management
- Misalignment of components



Issues Associated with Component Misalignment

- Baggy edges



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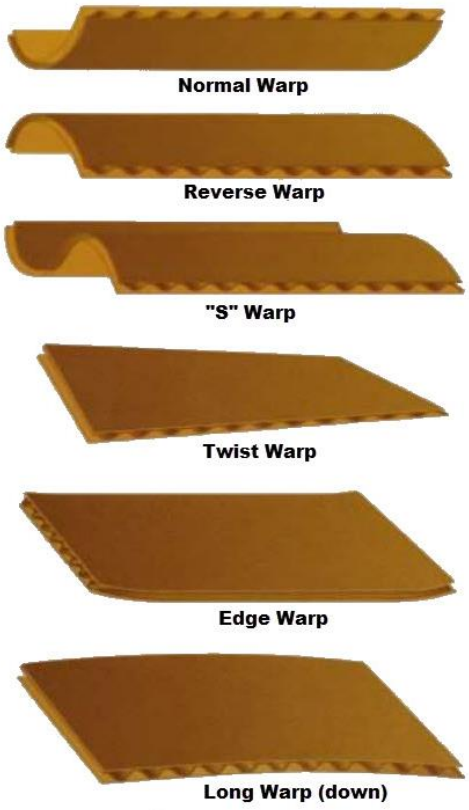

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- Lower operating speeds

How Misalignment Directly Impacts Product Quality

Two adjacent rolls misaligned to one another

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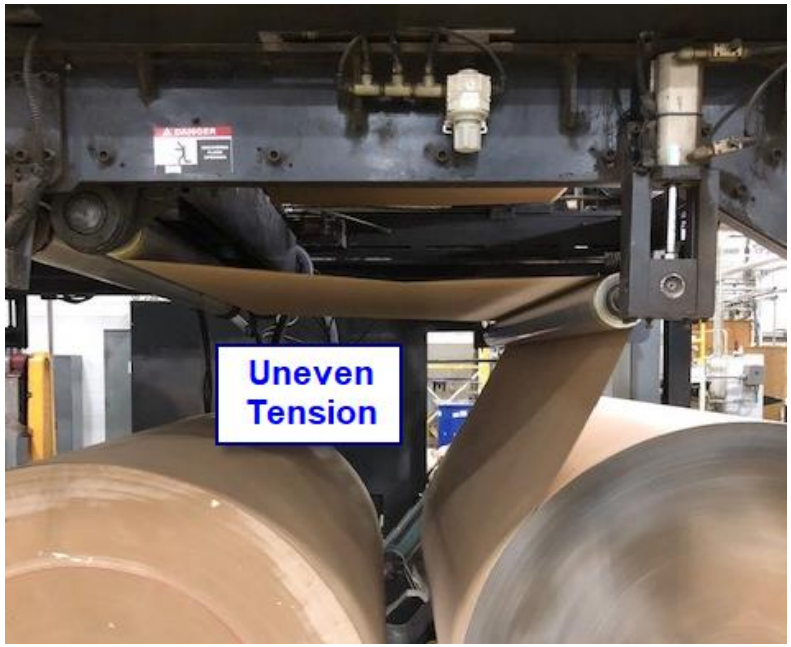
→ Paper tension differences



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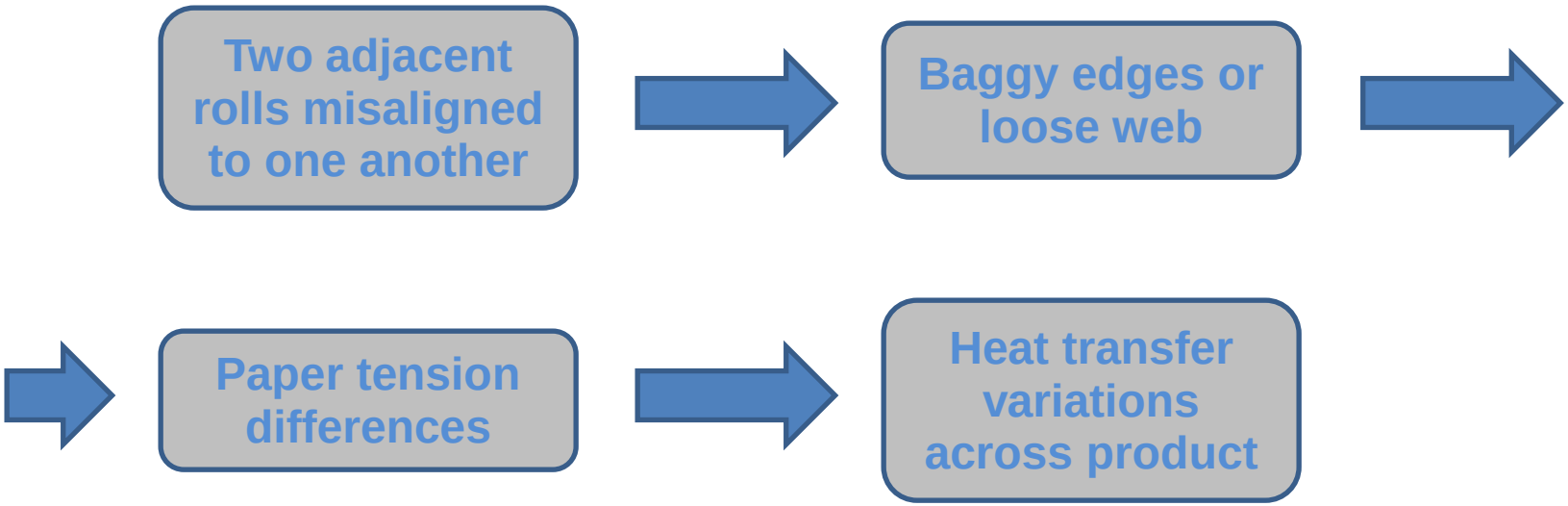

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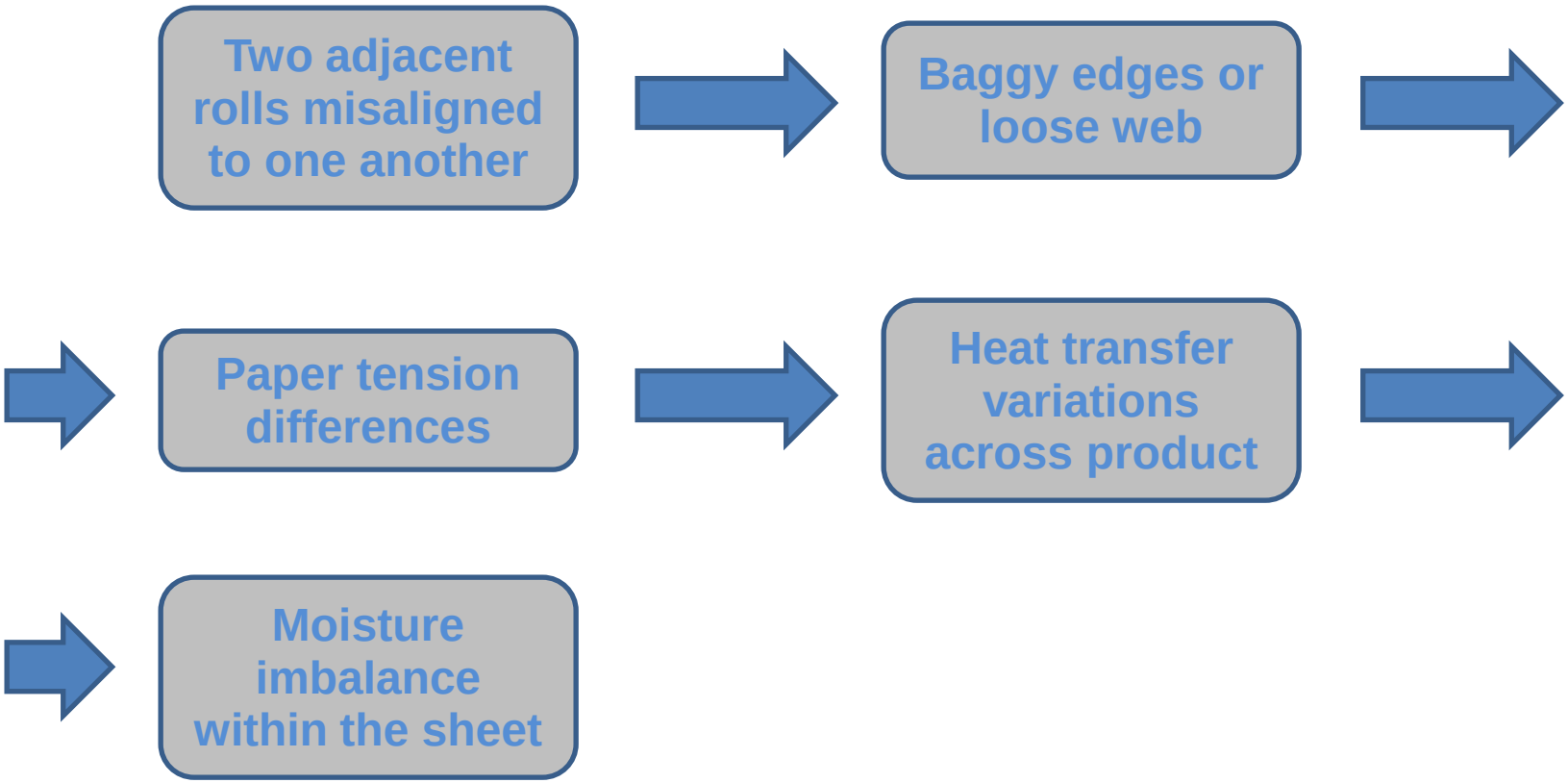

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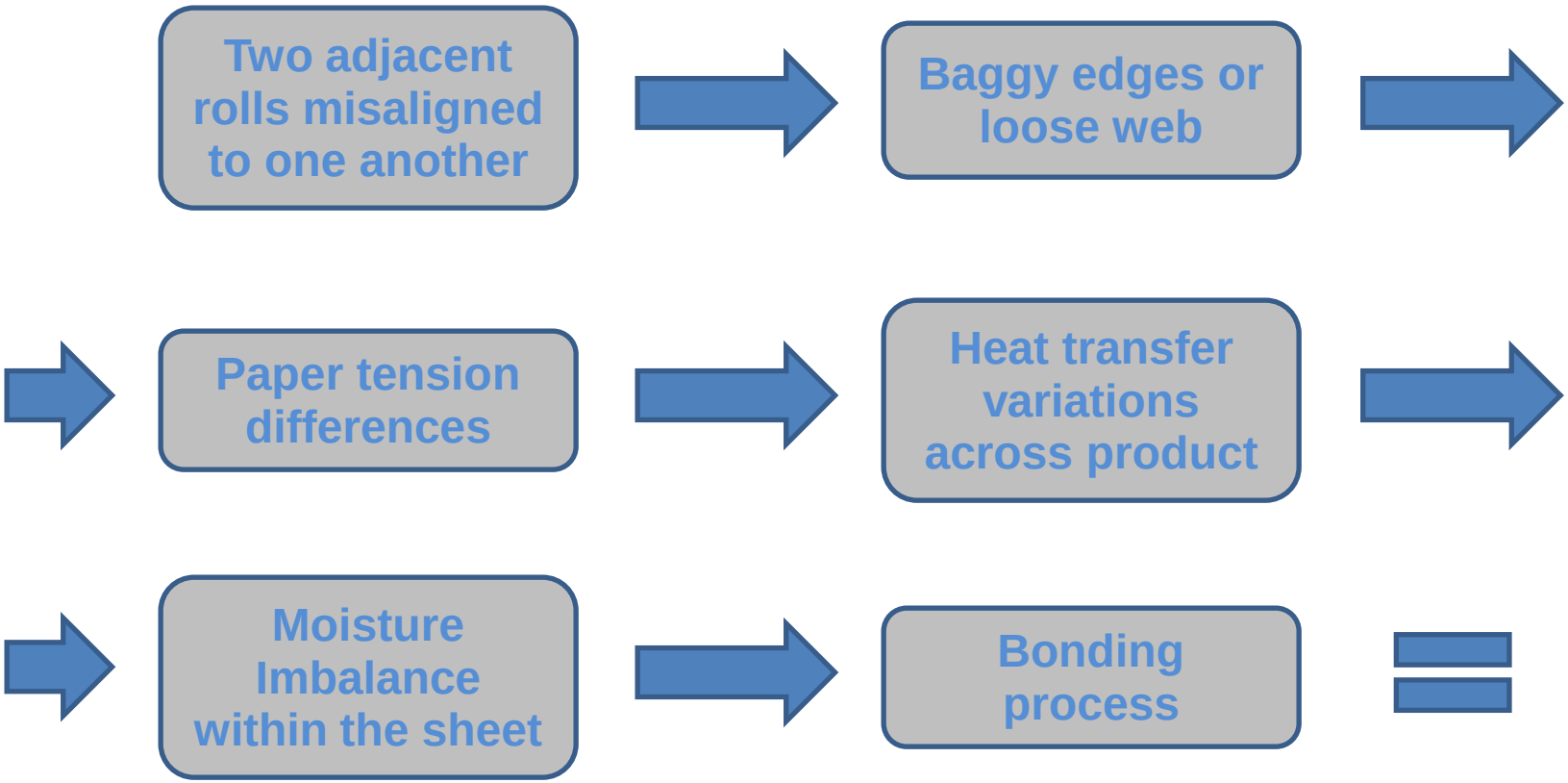

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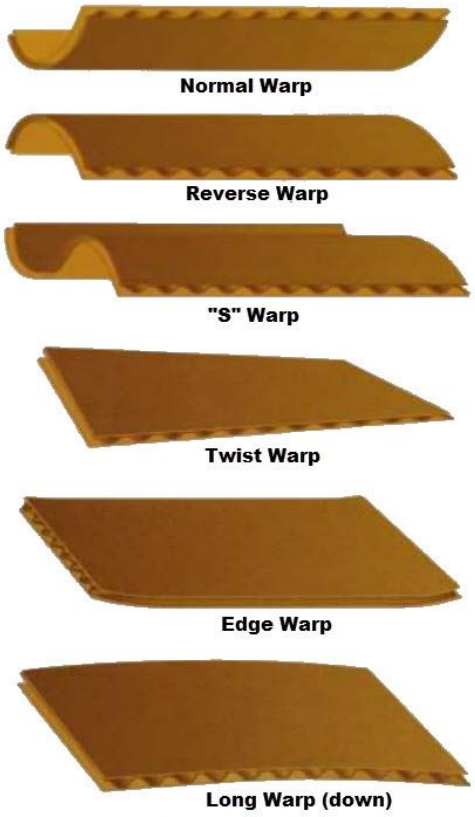
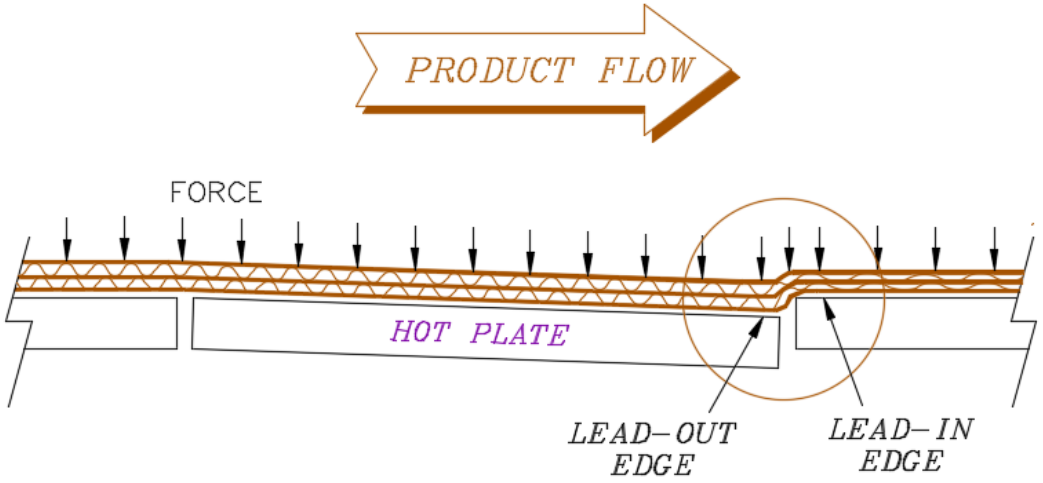
Warp/Twist Warp



How Misalignment Directly Impacts Product Quality

Crush

- Can be a result of too much force applied from the top belt of the double backer
- Is also attributed to large deviations between adjacent hot plate elevations – specifically when the lead-out edge of a hot plate is lower in elevation than the lead-in edge of the next hot plate



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