

Activity Management

Applications

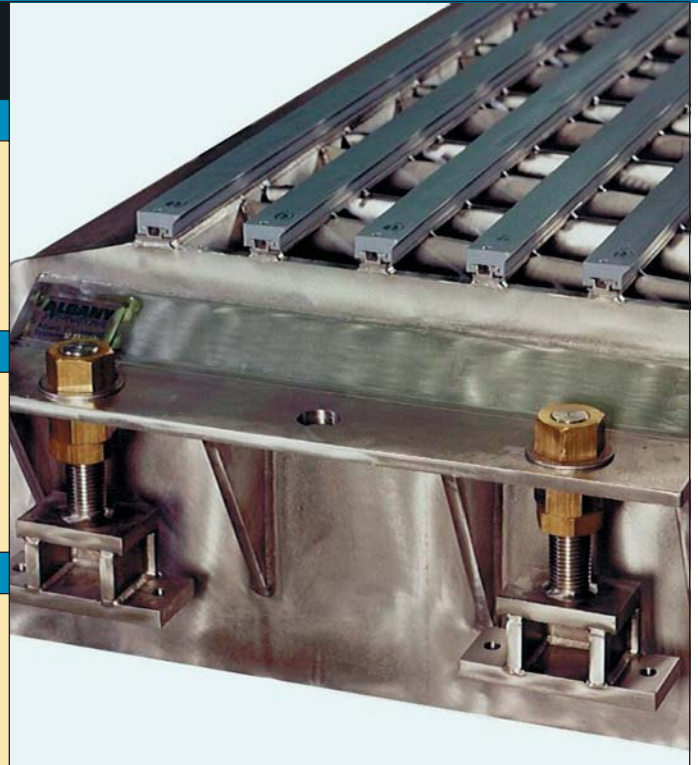
Gravity Foil Assemblies are critical on fourdriniers to create activity pulses and begin early drainage on the table. The magnitude of the pulses is determined by machine speed, stock consistency, blade angle, width, and spacing.

Features

- ▶ Robust design and 316L stainless steel fabrication
- ▶ Optimum blades shape and spacing
- ▶ Multiple options for polyethylene and ceramic blades
- ▶ Open area matched to grade and speed

Benefits

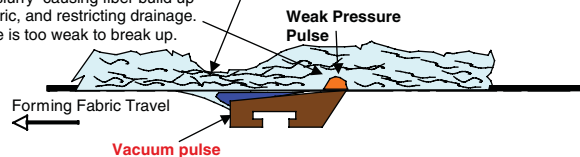
- ▶ Controlled pulse activity
- ▶ Improved sheet formation
- ▶ Minimal drag load impact
- ▶ Optimized drainage rate



Kadant AES provides a variety of engineered blade shapes for your fourdrinier depending upon grade, speed, furnish, and forming goals. We also provide multiple options for polyethylene and ceramic formulations customized for your specific needs.

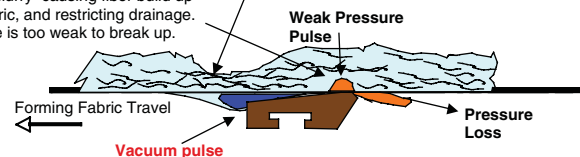
Foil Blade Pressure Pulses

Water and fiber is rapidly pulled to the bottom of the slurry causing fiber build up on forming fabric, and restricting drainage. Pressure pulse is too weak to break up.



Posi-Pulse™ Blade Pressure Pulses

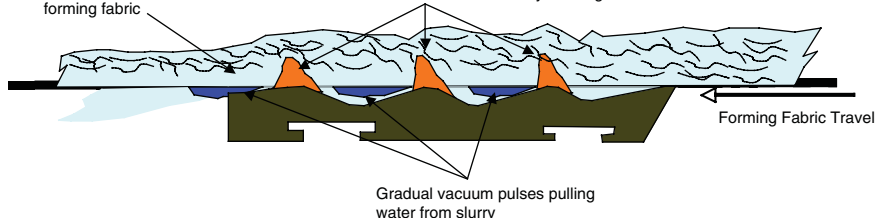
Water and fiber is rapidly pulled to the bottom of the slurry causing fiber build up on forming fabric, and restricting drainage. Pressure pulse is too weak to break up.



V.I.D.™ Blade Pressure Pulses

Fiber is pushed to top of the slurry allowing water to freely drain, and preventing fiber build up on forming fabric

Strong pressure pulses pump water back into underside of slurry causing counter flow action



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www.kadant.com

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