Kadant provides patent protected VID blade designs specifically for your existing forming structures based on grade, speed, and furnish as well as your goals for speed increases, formation improvements, and sheet characteristics. Having tools that can manage both activity and drainage, allow the papermaker to maximize machine performance. Competitive designs attempting to imitate the VID blade technology often increase drive loads and reduce retention.

**Overview**

**Features**
- Patented blade design based on propriety algorithms
- Custom designed blades for speed and grade
- Controlled activity capability

**Benefits**
- Improved formation and sheet quality
- Enhanced forming system drainage capacity
- Improved machine efficiency and productivity
- Easy installations
- Control activity and optimize fourdrinier drainage performance

KADANT SOLUTIONS DIVISION
• Induces counter flows through wire
• Promotes thickening mechanism
• Provides increased drainage

VID Components

- Induced vacuum deflects wire
- Low DP improves retention

Blade Elevation

Inertial Zone - Activity from wire deflection caused by velocity-induced vacuum pulling down

Blade elevation controls inertial activity and allows for various profiles to be applied on the same structure

Controlled VID activity on linerboard machine