

J&L Screen Cylinder Technology: V-MAX

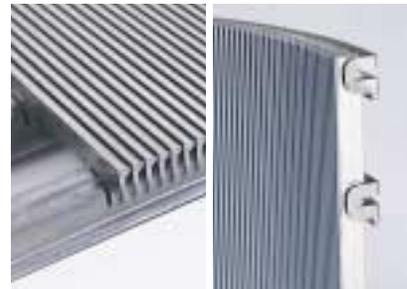
Highest Open Area. Maximum Flow. Efficient Screening.

Achieve maximum flow, screening efficiency and unprecedented strength with the new V-MAX rebuildable, wire-type, slotted screen cylinder.

The V-MAX is engineered to provide mills with the highest open area available—resulting in increased capacity and efficiency. The rebuildability also results in the lowest screening costs over time.

The unique V-MAX design offers the strongest wire-type slotted cylinder. Consider these significant features:

- **Flexibility.** Capable of running in all applications without screen or rotor modifications.
- **Strength.** Unique V-shaped cutout design combined with a high strength alloy provides the maximum torsion and bending strength.
- **Durability.** Highest wear resistance regardless of the application.
- **Reliability.** Interlocking machined grooves lock the Posi-Lock screening panels in place for extra strength and reliability.



The Posi-Lock design is an engineering breakthrough in its unique mechanical interlock construction. The V-MAX wire segments are held in a precision machined U-Clip for exacting slot-width control. This design eliminates the need for welding which can result in slot-width distortion.



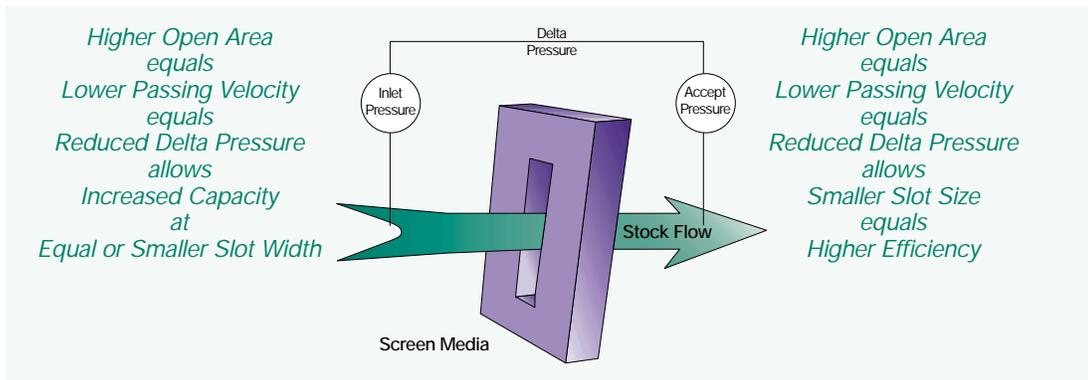
V-MAX Benefits:

Increased capacity

The increased open area in the V-MAX screen cylinder results in greater capacity due to the linear relationship between the open screen areas and capacity. Therefore, a 20% increase in open area equates to a 20% increase in capacity at the same slot size.

Increased efficiency

Slot reduction achieved with the V-MAX increases efficiency without compromising capacity.

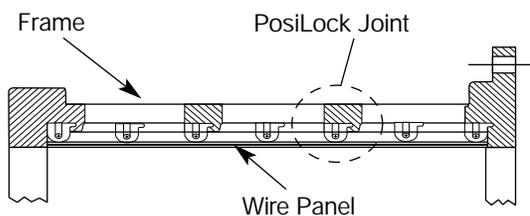


Increased life

High-strength, wear-resistant V-MAX wire elements provide maximum strength to resist debris impact damage and slot wear.

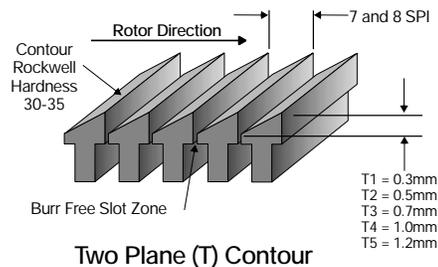
Cost reduction

A reusable frame and replaceable screening panels result in reduced screening costs whereby the mill can have the cylinder rebuilt for a lower cost than buying a new one.



The V-MAX offers maximum strength providing excellent reliability in any model screen without costly screen and rotor modifications. Its maximized open area provides mills with the greatest flexibility

possible to optimize screening at a reduced cost. The V-MAX offers consistently precise slot-width openings, a weld-free design, excellent roundness and cylindricity, and a wide selection of slot widths, slots-per-inch and contours.



Mills can optimize screen capacity, efficiency, fractionation and runnability based upon contour selection.

Your J&L Fiber Services applications team can recommend a V-MAX screen cylinder to meet your mill's specific objectives.