



Astec Mobile Screens offers the PEP 6' x 18' series of Vari-Vibe® high frequency screens in single, double and triple deck screen configurations in stationary applications. Other configurations are available in portable structures, as well as mobile screening plants depending on model.

One of the many advantages a high frequency screen provides the material producer is the ability to achieve higher production rates with more efficient sizing when compared to conventional screens. The higher production is achieved by an aggressive screen vibration applied directly to the screen media. The high level of vibrating RPMs allows for the material to stratify and separate at a much higher rate. The screen is ideally suited for chip sizing, fines removal, dry manufactured sand and more.

## 6 x 18 PEP High Frequency Screens



<b>1618V</b>	Single Deck: 6' x 18' top deck Three (3) - 6' x 6' panels on the top deck Weight.....5,600 lbs.*
<b>2618V</b>	Double Deck: 6' x 18' top & bottom decks Three (3) - 6' x 6' panels on the top deck Three (3) - 6' x 6' panels on the bottom deck Weight.....11,000 lbs.*
<b>2618VM</b>	Double Deck: 6' x 18' top deck; 6' x 12' bottom deck Three (3) - 6' x 6' panels on the top deck Two (2) - 6' x 6' panels on modified bottom deck Weight.....10,000 lbs.*
<b>3618VM</b>	Triple Deck: 6' x 18' top & middle decks; 6' x 12' bottom deck Three (3) - 6' x 6' panels on the top deck Three (3) - 6' x 6' panels on the middle deck Two (2) - 6' x 6' panels on modified bottom deck. Weight.....13,000 lbs.*

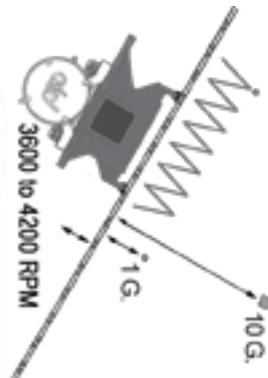
\*Weights include all chutes and hoppers

All decks are high frequency, driven by electric vibrators operating at 3600 RPM. For optimal screen efficiency and production, variable speed hydraulic vibrators (0-4200 RPM) are available upon request.

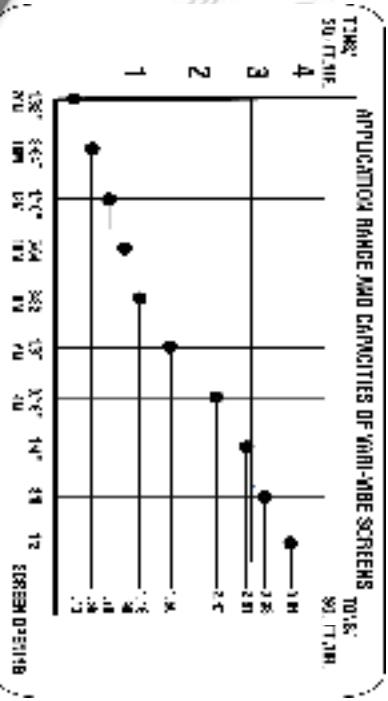
### OPTIONS FOR ALL SCREEN SIZES:

**Screen Cloth** - Various types of screen media are available for multiple applications.

## PEP Vari-Vibe High Frequency Screens



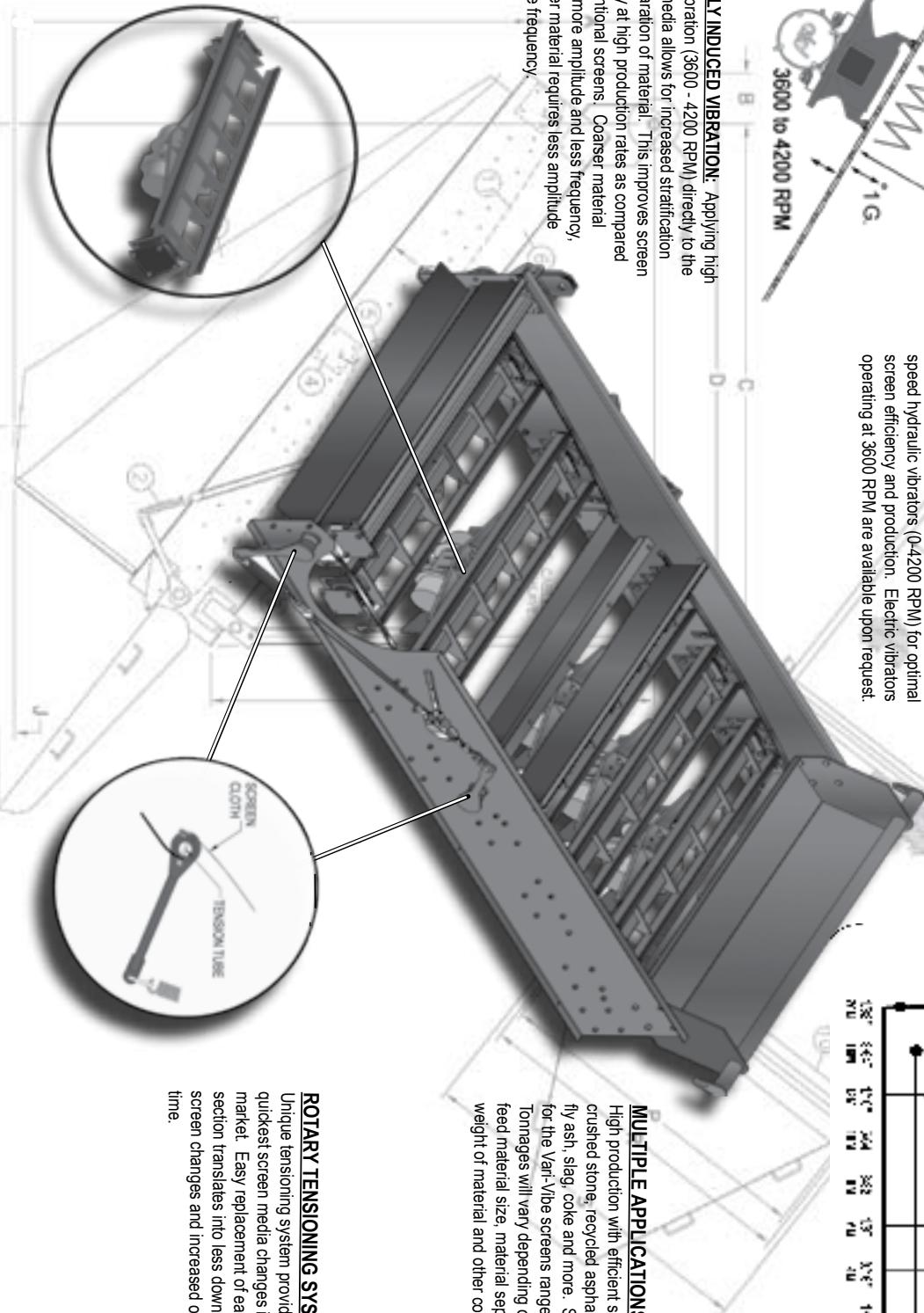
**ELECTRIC/HYDRAULIC VIBRATORS:** All high frequency screens decks are driven by variable speed hydraulic vibrators (0-4200 RPM) for optimal screen efficiency and production. Electric vibrators operating at 3600 RPM are available upon request.



**DIRECTLY INDUCED VIBRATION:** Applying high speed vibration (3600 - 4200 RPM) directly to the screen media allows for increased stratification

and separation of material. This improves screen efficiency at high production rates as compared to conventional screens. Coarser material requires more amplitude and less frequency, while finer material requires less amplitude and more frequency.

**ROTARY TENSIONING SYSTEM:**  
Unique tensioning system provides the quickest screen media changes in the market. Easy replacement of each screen section translates into less downtime for screen changes and increased operation time.



### MULTIPLE APPLICATIONS:

High production with efficient sizing can be achieved in crushed stone, recycled asphalt (RAP), sand & gravel, coal, fly ash, slag, coke and more. Standard material separations for the Vari-Vibe screens range from  $\frac{1}{2}$ " – 30M. Actual tonnages will vary depending on application requirements: feed material size, material separations, type of screen used, weight of material and other considerations.

**MULTIPLE SCREEN CONFIGURATIONS:** Vari-Vibe screens are available in single, double and triple deck configurations ranging from  $6 \times 6'$  to  $6 \times 24'$  depending on screen model. All decks are driven by vibrators operating at 3600-4200 RPM.

**ASTEC MOBILE SCREENS** an Astec Industries Company

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