

Vari Vibe® Screen

High Frequency Screen



Electric/Hydraulic Vibrators

- All high frequency screens decks are driven by variable speed hydraulic vibrators (0-4,200 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.

Multiple Applications

- High production with efficient sizing can be achieved in crushed stone, recycled asphalt pavement(RAP), sand and gravel, coal, fly ash, slag, coke and more. Standard material separations for the Vari Vibe screens range from 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.

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 Screens Configurations

- Vari Vibe screens are available in single- through quadruple-deck configurations ranging from 3' x 3' to 6' x 24' depending on screen model. All decks are driven by vibrators operating at 3,600-4,200 RPM.

Options

- Screen cloth (various types of screen media are available for multiple applications).
- Dust cover (Vinyl cover for improved dust control).

1512V - Single-Deck

Dimension	Standard	Metric
Top Deck (2 panels)	5ft x 12ft	1.52m x 3.65m
Weight	3,400lb*	1,542kg*

1606V - Single-Deck

Dimension	Standard	Metric
Top Deck (1 panel)	6ft x 6ft	1.83m x 1.83m
Weight	2,400lb*	1,088kg*

1612V - Single-Deck

Dimension	Standard	Metric
Top Deck (2 panels)	6ft x 12ft	1.83m x 3.66m
Weight	4,200lb*	1,905kg*

1618V - Single-Deck

Dimension	Standard	Metric
Top Deck (2 panels)	6ft x 18ft	1.83m x 5.49m
Weight	5,600lb*	2,540kg*

1624V - Single-Deck

Dimension	Standard	Metric
Top Deck (4 panels)	6ft x 24ft	1.83m x 7.62m
Weight	6,800lb*	3,084kg*

2612V - Double-Deck

Dimension	Standard	Metric
Top and Bottom Decks (2 panels each)	6ft x 12ft	1.83m x 3.66m
Weight	7,200lb*	3,266kg*

3612V - Triple-Deck

Dimension	Standard	Metric
Top, Middle and Bottom Decks (2 panels each)	6ft x 12ft	1.83m x 3.66m
Weight	11,000lb*	4,990kg*

*Weights include all chutes and hoppers

Screens available from 5ft x 12ft to 6ft x 24ft, 1-4decks

Most sizes available for containerization

2618V - Double-Deck

Dimension	Standard	Metric
Top and Bottom Decks (3 panels each)	6ft x 18ft	1.83m x 5.49m
Weight	11,000lb*	4,990kg*

2618VM - Double-Deck

Dimension	Standard	Metric
Top Deck (3 panels)	6ft x 18ft	1.83m x 5.49m
Modified Bottom Deck (2 panels each)	6ft x 12ft	1.83m x 3.66m
Weight	10,000lb*	4,536kg*

2624VM - Double-Deck

Dimension	Standard	Metric
Top Deck (4 panels)	6ft x 24ft	1.83m x 7.32m
Modified Bottom Deck (3 panels)	6ft x 18ft	1.83m x 5.49m
Weight	14,300lb*	6,486kg*

3618VM - Triple-Deck

Dimension	Standard	Metric
Top and Middle Decks (3 panels each)	6ft x 18ft	1.83m x 5.49m
Modified Bottom Deck (2 panels each)	6ft x 12ft	1.83m x 3.66m
Weight	13,000lb*	5,897kg*