



# KNELSON-SIZETEC SCREENS

*Providing Unique Processing Solutions To The World*

## **INTENSIVE DEWATER SCREEN**



**MODEL VDS 612-6**

### **FEATURES**

- High frequency linear stroke vibrating motion
- High “G” force vibration
- Down to Up-Hill deck arrangement as V-shape transition
- Low profile screen box design and construction
- Polyurethane modular screens
- Reliable vibrator motors
- Trunnion suspension with heavy duty coil springs
- 2'x7' 3'x8' 3'x10' 4'x10' 5'x12' 6'x12' 7'x14' and 8'x14' standard screen sizes with either 1200 rpm or 1800 rpm motors

### **ADVANTAGES**

- High capacity with high frequency and high “G” vibration
- Efficient dewatering with counter flow, materials move up to front and water held back
- Rugged screen deck construction for extra heavy load
- Longer life of polyurethane modular screens
- Trouble free vibrating mechanism
- Easy change of deck angle for retention time control
- Optional vacuum chamber at discharge end compartment for maximum dewatering

### **APPLICATION**

- Water droplets free dewatering of fine materials ranging from 4 mesh (5 mm) to 600 mesh (20 micron)
- Best dewatering operation for concrete sand, silica sand, sinter ore, fine coal refuse, boiler bottom ash, etc.
- Dewatering of washed soil in remediation operation
- Fine sand recovery with cyclones from sand plant effluent