



# KNELSON-SIZETEC SCREENS

*Providing Unique Processing Solutions To The World*

## **HIGH CAPACITY SCALPING DECK SCREEN**



**MODEL HDS 612-4**  
**TRASH SCREEN WITH POLYURETHANE SCREEN PANELS FOR**  
**CYCLONES OVERFLOW IN MILL GRINDING CIRCUIT**

### FEATURES

- High frequency linear stroke vibrating motion
- High “G” force vibration
- Horizontal or Up-Hill installation
- Low profile screen box design and construction
- Interchangeable screen decks among polyurethane screen, profile wire screen and framed woven wire screen panels
- Directly driven by reliable vibrator motors with grease lubrication
- Trunnion suspension with heavy duty coil springs
- Hinged Feed Spreader soft landing tray under feed box
- Optional spray bars with beaver tail nozzles
- 4'x12' 5'x12' 6'x12' 7'x14' and 8'x16' standard screen sizes

### ADVANTAGES

- Efficient separation with high frequency and high “G” vibration
- Extra rugged screen deck construction for extra heavy load operation
- Complete unit including feed box, bottom hopper, oversize product chute and pedestal mount stand
- Trouble free vibrating mechanism
- Very quick screen change for leak free fitting
- Easy change of deck angle for retention time control

### APPLICATION

- Wet sizing operation ranging from 4 inch (100 mm) to 50 mesh (0.3 mm)
- Scalping of coarse materials
- Trash screen for cyclone overflow in mill grinding circuit
- Very high capacity carbon safety screen in CIL & CIP