



# KNELSON-SIZETEC SCREENS

*Providing Unique Processing Solutions To The World*

## **PARALLEL FEED SCREEN (US PATENT PENDING)**



**MODEL PFS 44500**

### FEATURES

- High frequency linear stroke vibrating motion
- Five (5) parallel decks stacked at horizontal level
- Feed tube with perforated plate spreader tray arranged on each screen deck
- Two (2) inlet pipes connected to feed tube on each deck through outside of screen box
- Sealed underflow chamber directly connected to inside end vertical discharge tubes
- All oversize products from each deck dropped into the bottom collecting hopper
- Ten (10) ways distributor box arranged directly above screen box, the discharge pipe connected to the feed inlet pipe outside of screen box with rubber hose
- Screen panels clamped down through side bars by wedges and toggles at discharge end
- One spray bar arranged on each deck

### ADVANTAGES

- Very high capacity with five deck parallel feeds
- Efficient sizing with high frequency vibration
- Even spread and smooth transition of feed slurry to screen surface through perforated plate feed tray for longer life of screen panel
- Rugged screen box construction with trouble-free vibrating mechanism
- Easy deck angle adjustment by inserting spacer underneath spring
- Very easy and quick screen panel change on any deck

### APPLICATION

- Wet fine particle size separation ranging from 8 mesh (3 mm) to 400 mesh (38 micron)
- Gangue separation in grinding mill circuit of heavy minerals such as iron ore, tin, etc.
- Residue removal from kaolin slurry