

## VMR Multi-Rake Screen

### Design Features

- Self-supporting integral frames with engineered bends for maximum strength key to stable deep channel applications.
- Fully automatic, multiple-speed operation with UL-approved controls.
- Heavy-duty bar racks for resistance to all hydraulic controls.
- Deep rake tooth penetration eliminates blinding while operating at slower speeds, promoting longer rake and bar rack life.
- Positive rake engagement into the bar rack—no riding over materials.
- Large rake shelf for high solids loading in each pass.
- Additional rakes are accommodated as needed.
- Brushless, water-free automatic discharge wipers eliminate brush adjustments and messy discharges. Self-positioning wiper with return to rest shocks include easily replaceable UHMW polyester wiper blades.
- Installs in channel widths from 18 in. to 8 ft. and depths over 50 ft. Typical setting angles between 75 and 85 degrees.
- Choice of 304 or 316 stainless steel construction including drive sprockets and chain.
- Full covers and enclosed discharge chutes for maximum odor control.
- Variable Frequency Drive (VFD) for soft starting and flexible operating speed control.
- Bar rack clear spacing from .25 in. to 3+ in.
- Curved bar rack design for lower headlosses.