

Vibrating Fluid **Bed System**



Material: Sand & Gravel

Inlet capacity 100 TPH 9.6% Inlet moisture:

Discharge moisture: 0.5% **Belt Conveyor** Fed from:

Bucket Elevator Discharges to:

- Special deck design is structurally stiffened to accommodate impact loading from wet sand and gravel.
- Improved low-pressure drop design fluidizing deck pattern with precision drilled holes to assure uniform drying air distribution reduces supply fan horsepower for improved efficiency.
- Uses existing auxiliary equipment, support structures, and interface points. Upgrades the existing PLC-based control system with new hardware and a local touch screen HMI.
- Vibration conveys lumps and rocks through dryer without deck plugging with rocks or wet sand bed slumping.
- Expanded hood design minimizes sand carryover to exhaust air system.













