



Vibrating Equipment, Inc.

A Division Of **CPEG** CARRIER PROCESS EQUIPMENT GROUP, INC.

# Vibrating Fluid Bed System

## Material: Sand & Gravel

Inlet capacity	100 TPH
Inlet moisture:	9.6%
Discharge moisture:	0.5%
Fed from:	Belt Conveyor
Discharges to:	Bucket Elevator

- 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.

