

FLUIDBED SAND COOLERS

Cool, dry & convey

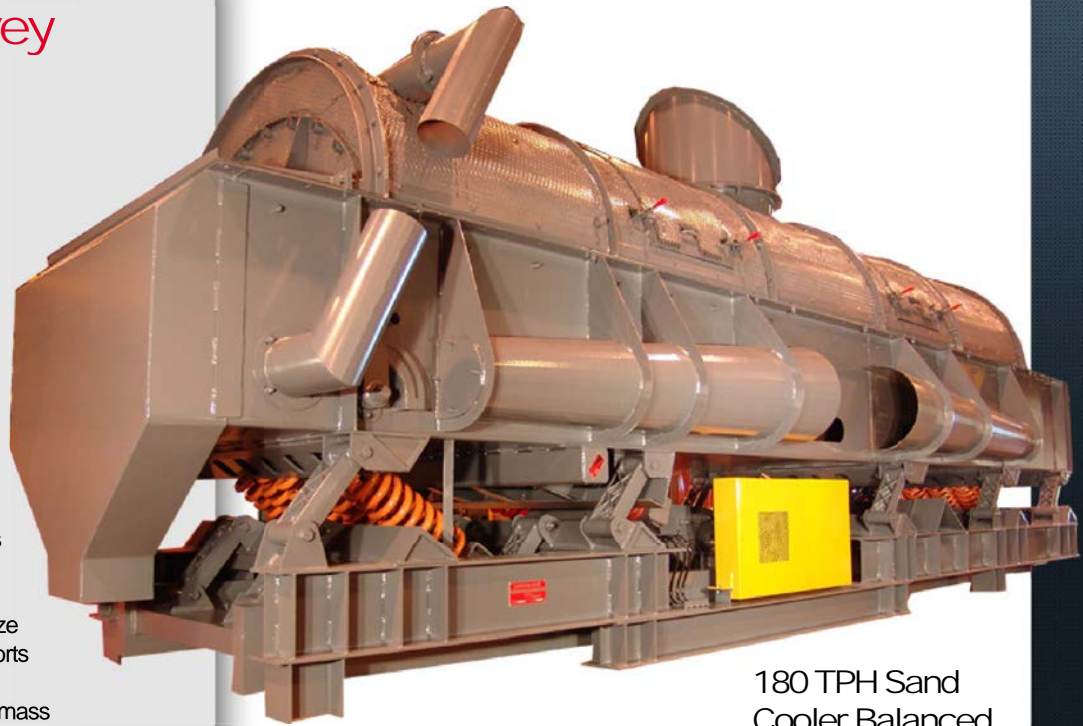
General Kinematics fluidized bed sand units are specially designed for evaporative cooling or drying. Air distribution decks are engineered to provide complete control of airflow for exceptional drying or cooling efficiency.

Features

- ✓ Custom designed to meet your throughput needs to 600 tons or greater
- ✓ Adjustable controls provide variable retention time and improved process efficiency
- ✓ Inlet air distribution manifolds minimize costly stationary ductwork and supports
- ✓ High efficiency, low horsepower two-mass drive reduces energy requirements

Options

- SPRAYCOOL™ water addition systems
- Inlet air fan and controls
- Heated inlet air systems
- Exhaust air system
- Weir gate assemblies

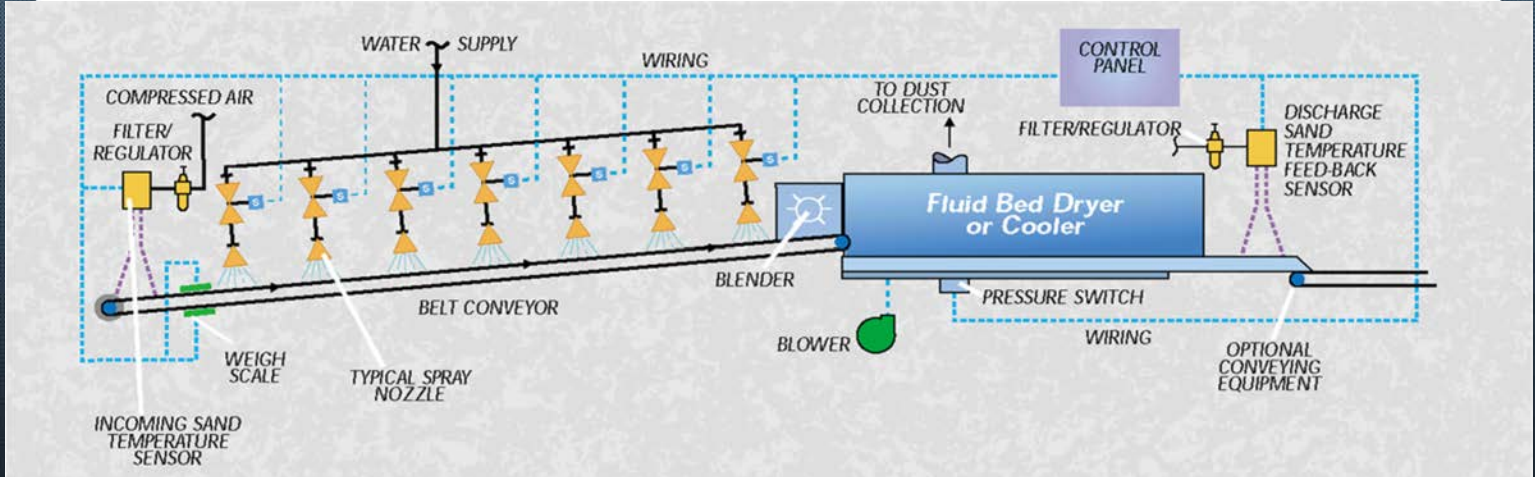


180 TPH Sand Cooler Balanced



130 TPH Sand Cooler





Automatic & efficient conditioning for foundry sand

General Kinematics SPRAYCOOL™ water addition systems are designed for precise in-process conditioning of foundry sand. SPRAYCOOL™ improves the efficiency of evaporative cooling systems, and automatically adjusts water addition and blending rates to preset parameters. Custom engineered systems include all components and remote controls for state-of-the-art, non-contact temperature and weigh sensing, including these standard features...

- Water pressure regulating valve with integral strainer maintains constant nozzle pressure and precise flow rates
- Automatic air purge of infrared temperature sensors minimizes dust build up, assures consistent readings and process control
- Lower chamber pressure switch automatically shuts off spray water if air loss occurs



320 TPH Sand Cooler
Counter Weighted Base