

Holo-Flite®

Thermal Processor

Metso's Holo-Flite® Thermal Processor is an indirect heat exchanger utilizing a hollow screw for heating, cooling or drying bulk solids, filter cakes, pastes or sludges. It is a proven and efficient thermal processor with over 3000 installations worldwide.

Process advantages

Eliminates product contamination

- Heat transfer agent does not come in contact with the product

Highest thermal efficiency

- Heat transfer agent is continuously recycled

Economical operation

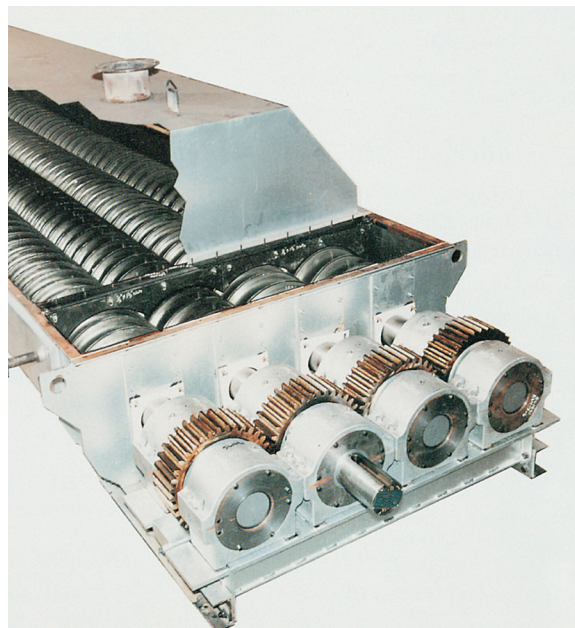
- Lower power consumption
- Mechanical simplicity
- Continuous operation
- Low maintenance
- No operator required

Minimal dusting

- Gentle rotation (1-2 rpm) with little outside air in a controlled atmosphere

Temperature control

- Process materials at closely-controlled temperatures and eliminates hot spots



Holo-Flite® Thermal Processor can reduce moisture content over 90%.

Operating advantages

Patented Twin Pad Screw Design

- Screw speed and temperature can be changed to accommodate variations in material throughput and thermal requirements
- Flow of heat transfer agent can be co-current or counter-current to the flow of material
- Low horsepower requirements
- Slow screw speeds results in maximum component life

