

FEATURES

- Humidification Screw is a kind of mechanical conveyor that provides mechanical transport, unloading of high temperature bulk materials by humidifying with water and/or.
- They are also utilized as water injected unloading systems for open truck loading to prevent dust accumulation.
- Double parallel shafts.
- Adjustable, easily replaceable screwed paddles.
- Easy maintenance.
- Unique paddle design ensures no material build up occurs on connection points of the shaft.
- Inspection cover.
- Maintenance cover.
- Different geometry options for inlet and discharge available.
- Reliable, dust proof cast housing equipped with seals, bearings.
- Inlet is adaptable to other equipment such as rotary valve etc.
- No clogging issue due to special design of the nozzles.
- Unique nozzle design also ensures fast and efficient humidification with minimal water consumption.
- Wide water spraying angle.
- Homogenous humidification.
- Two shafts driven by a single motor coordinated via gearbox.
- Optionally a vent can be implemented close to the inlet for high-capacity operations.
- High capacities.



- Excellent sealing and dust proof body construction.
- Easy installation and assembly.
- Special design according to customer needs and processes like conveying material, operating environment etc.
- Energy efficient.
- The reverse direction motion of the parallel shafts ensure the material is incorporated with water fully while being efficiently conveyed.
- Different constructions materials for various parts can be optionally utilized according to customer needs.

