



# KOTZUR



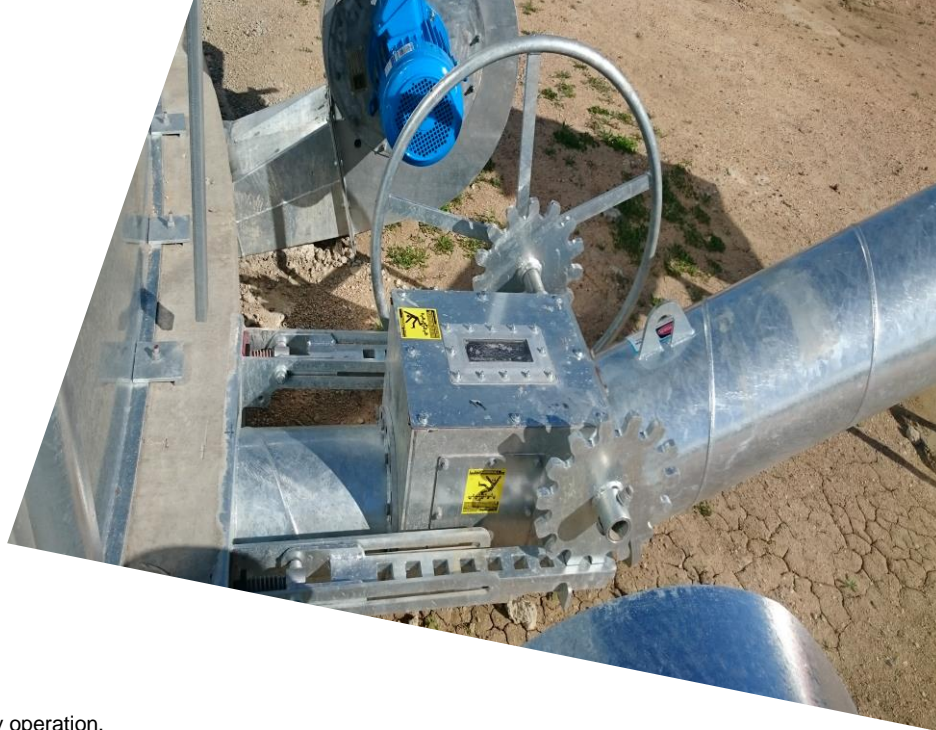
## SILO UNLOADER/ SILO SWEEP

Kotzur Bulk Solids Handling Silo Unloader/Sweep has been designed and developed to suit our client requirements for safety, quality and dependability.

### Key Benefits

- No entry required to operate - until final hand sweep clean.
- Sweep drive permanently wired and switched from the outside [no need to carry a power lead in to operate sweep].
- Sweep pivots on a machined turntable.
- Sweep drive features an underfloor motor, heavy duty Flexible Jaw Coupling and a Bevel Helical Gearbox.
- Oversize inlets to assist the consistent flow of grain.
- Underfloor 50mm pipe access to the main outlet, allowing any blockages [ eg. grain caking] to be broken up from outside the silo even when the silo is full.
- Grain inlets to under floor auger have controlled pitched flight.
- Inadvertent overloading of auger prevented by controlled auger feed – both centre and intermediate inlets.





- Inlet gates move on ball bearings to allow for easy operation.
- Slide gate operation via large diameter, rack and pinion hand wheel. Unique design to eliminate opening of intermediate gates until centre gate is fully open.
- Oscillating drive to sweep wheel
  - Non-slip wheel to minimize tyre wear/ damage to silo floor.
  - Spring controlled forward speed automatically adjusts to regulate grain volume.
  - Weighted to provide consistent traction.
- Radiuses transition from under floor to inclined auger – minimises grain left in sweep after clean out.
- All external components hot dipped galvanized for durability.
- Robust auger incline support.
- Protection bars over sweep auger.
- Adjustable height sweep.
- Flexible wiper to minimise remaining grain.
- Suitable for gas sealed silos.
- Sight glass at incline transition.
- Lockable with a padlock.

