



# KOTZUR

## SILO UNLOADER SILO SWEEP



### APPLICATION

Kotzur Silo unloader/sweep has been designed and developed to suit our client requirements for safety, quality and dependability.

### FEATURES

- 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.

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## FURTHER UNLOADER FEATURES

- 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 minimise 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 galvanised 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.
- Kotzur Maintenance Service (KMS) Support.



VIDEO AVAILABLE ON KOTZUR YOUTUBE PAGE



**KOTZUR**

Kotzur Silos Unloader

Andrew Kotzur walks us through the features of the Kotzur Silo unloaders

**WARRANTY** - Kotzur Pty Ltd are confident in the quality of the products they design, manufacture and supply.

The following warranties apply:

- Structures including footings, elevator towers, walkways, silos etc - 5 years.
- Mechanical equipment including conveyors but excluding drive motors - 12 months.
- OEM equipment including drive motors and gearboxes - supplier warranty (generally 3 months).

This guarantee covers faulty design, engineering and workmanship; however this does not include problems arising from factors over which Kotzur has no control. These factors include footings constructed by others, negligent damage, unintended use of products, poor maintenance or care, normal wear and tear. Equipment manufactured by others and brought in by Kotzur Pty Ltd (e.g. Silo unloaders, aeration equipment) carry their respective manufacturers warranty. Please note this warranty excludes consequential losses.