

# Features that make DE Engineers the leading WA silo manufacturer.



## 12 reasons to buy a DE Engineers Silo:

1. All bases are made from galvanised pipe to last 3 times longer than square tube silos (300g of zinc per m2 compared with 100g/m2).
2. Pipe is used on base silo rings to prevent water being trapped between the square tube silo base and the concrete footing greatly eliminating corrosion.
3. We are the only silo manufacturer to use hot dipped galvanised “silo section” at the top ring where the cone and body is connected.
4. Also the only manufacturer to use 'longer lasting' zincalume on silo base cones.
5. Base cone sheets are fully welded to outlast riveted base cones silos.
6. larger sight glasses.
7. Steeper 28 degree cone bottom and 25 degree cone top.
8. Simple, easy to use “Snap tight” over centre remote closing system for centre fill port.
9. Safer, bag chain phosphine delivery system.
10. Light corrosion free plastic hoppers.
11. No pop rivets are used, only aircraft (lock stem) rivets on the silo body.
12. Ladders are made from aluminium with 30mm square soft grip rungs (no sharp edges).



### **75 Degree, Safer Ladders:**

Angled ladders are fitted to all silos as standard and are made from aluminum with 30mm square rungs without any sharp edges so they are safer and more comfortable to climb. These ladders can also be bolted vertically position when not in use.

**WARNING:** silos ladders must not be climbed in



### **Stronger silo walls:**

Silos up to 109t are made from G300 Zincalume, joined with aircraft style rivets (not pop rivets) which have a larger surface area for holding pressure than small self piercing rivets. DE Silos are one of only two manufacturers in WA to use a smooth wall corrugation where the deformation is less than 5mm and conforms with Australian Standards- Loads on Bulk Solids Containers. This smooth wall offers the strongest storage solution for any grain including lupins.



### **Welded Zincalume base sheets:**

All silos have fully welded base sheets (no rivets) and are made from Zincalume with better corrosion resistance than standard Galvanised sheet.



### **Large plastic hoppers:**

Plastic silo hoppers are much lighter, easier to clean do not corrode with wet grain and fit onto most augers.

Nb/- Auger with hopper strapped on should be raised above outlet height to reduce spillage.



### **Larger Site Glasses:**

Installed in each coil for easier viewing with a stronger more secure mounting plate.



### **Snap tight ground opening lids :**

A simple and easy to operate ‘over centre’ system with minimal force required to open and close silo lids.



### **Mini Bins:**

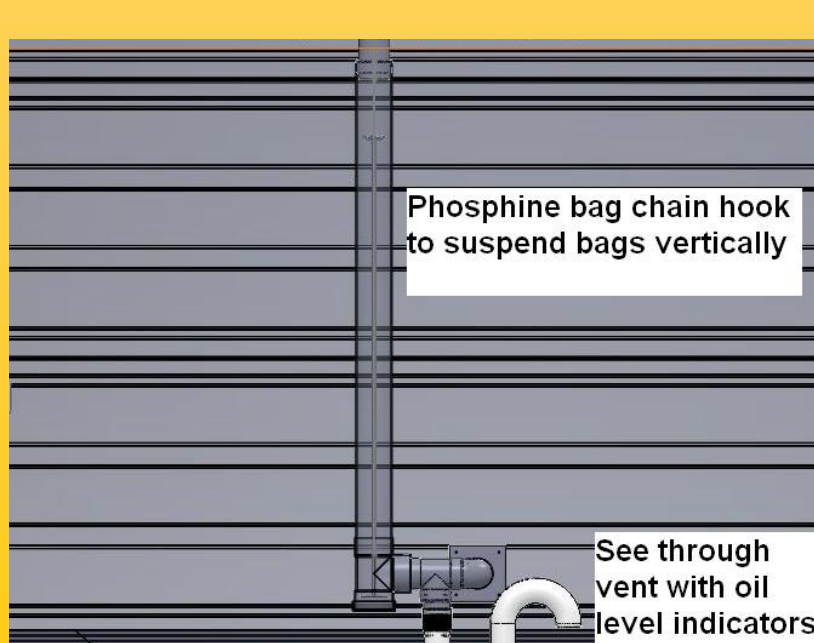
Are available with offset and center emptying cones for feed or canola seed storage.



### **Safer silo fumigation and aeration:**

DE Engineers silos fully sealed and are designed to use Phosphine bag chains. GRDC states that Bag chains are the safest form and the best way to guarantee no residue is spilt on the grain or will harm the operator. Regardless of how much grain is in the silo whether it is full or empty, the rate is the same — based on the volume.

**Using bag chains:** The application rate for fumigating with a standard bag chain is one bag chain per 75m3 or 60t of wheat storage capacity.



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