

Safety Information and Operating Instructions

Auto Muck Tipping Skip

1.0 General Information about Auto Muck Tipping Skip

- The muck tipping skip is used for general muck, for removal of waste, concrete and spoil removal.
- The skips are available in different capacities shown in the table below.

Capacity (L)	Overall Width (mm)	Lifting point diameter (mm)	Overall Height (mm)	Self weight (kg)	Safe Working Load (kg)	All up weight (kg)
100	687	30	800	42	260	302
200	720	30	860	66	520	586
500	1093	40	1409	152	1300	1452

- The SWL is the maximum capacity that the skip can carry and it must never be exceeded.
- Only trained and competent persons should use this skip.
- Current Health and Safety legislation requires that all equipment used for lifting purposes must be issued with the latest report of thorough examination.

2.0 Safety Instructions of the Auto Muck Tipping Skip

- The following information is issued for the safety and should be observed at all times for the safety of the user.
- The use of this skip must be controlled by the site lifting plan.
- PPE must be worn such as hard hat, safety gloves, safety boots and safety goggles. This must be determined by site specific risk assessment.
- The muck tipping skip should be subjected to a visual inspection prior to each use. (See section 3)
- The muck skip should always be stored, lifted or landed on firm level surface.
- Never walk under suspended load. (safety stickers on skip)
- The skip must not be used to transport people or animals.
- **The use of a drop chain (1m x 5.3tonne) is recommended to minimise any possible risk of damage to the lifting bale caused by the direct connection of the crane hook.**

3.0 Guidelines for the visual inspection of the Auto Muck Tipping Skip

- The overall general condition and appearance all round the skip, including welded areas, finish, signage and paint must be inspected.
- Attention should be paid to any cracks, distortion or damage to any area of the skip including the flooring.
- The trunnion pins and trunnion locking bolts must be inspected for wear and bolts must be secured in position.
- Inspect both bale attachment points for wear, and the lifting bale must be straight, free from cracks secured and undamaged.
- Lifting bale support fingers must be in place, in good condition and functioning. The security chains where present also must be in good condition and welded properly to the structure.
- Ensure Next Examination Due Date sticker is on the skip and the report is **in Date**.
- Any defects or damage remove the skip from service and notify the competent person immediately as this may invalidate the report of thorough examination.

4.0 Operating guidance concerning the Auto Muck Tipping Skip

- Muck Tipping skips are designed to self empty. **(PLEASE NOTE THIS WILL WORK WHEN THE SKIP IS COMPLETELY FULL WITH THE BALE SUPPORTED BY A LIFTING APPLIANCE)**
- The loaded skip must be on flat solid surface.
- While the bale arm is in the locked vertical position, disengage the R-clip with chain on the side bale finger.
- The use of drop chain is recommended to minimise risk of damage to the lifting bale arm.
- Ensure all limbs and body parts are kept clear.
- The crane operator can now hook the drop chain and bale arm will be under the operator's control. Upon lifting the bale arm locks itself in the auto lock mechanism.
- The skips can now be lifted and transported to the designated location to be tipped.
- At the tipped location, the operator will remove tension on the bale arm, disengaging the lock and bale arm will tilt backwards.
- Making sure that the bale arm does not lock itself again, the operator slowly lifts the skip above the ground and the counter balance load in front of the skip will result in automatically tipping itself.
- The skip is then cautiously placed on its side on ground while the crane operator carefully tilt the bale arm forward to engage the bale arm lock.

- The skip is now fully locked and now can be reposition in the neutral vertical position

Safety warning

- Always ensure the skip is fully emptied to reduce the build up of material.
- Concrete/mortar should be removed before it has set.

5.0 Maintenance of the Auto Muck Tipping Skip

- The muck tipping skip is subjected to a thorough examination by a competent person at a six monthly intervals.
- After use the muck tipping should be washed thoroughly to remove any residue, mud or concrete using water and a stiff brush or pressure washer.
- It is recommended that all areas liable to contamination should be treated with a heavy duty mould oil or release agent before use.
- Contact your local Marwood Group Depot to report any damage or repairs that are required.

The Auto Muck Tipping skip should never be dismantled or modified

