MARWOOD GROUP LTD

Safety Information and Operating Instructions
Geared ConeFlow Skip

1.0 General Information about Geared ConeFlow Skip

- The skip can be used in confined space. (provided to comply with the confined space regulation)
- The skip has a small shutter opening and low loading height.
- When lifted, the skip will hang at an angle between 30^{o}- 40^{o}.
- The Skip is fitted with a geared shutter and two operating wheels for a controlled pour.
- The skips are available in different capacities shown in the table below.

Capacity (L)	Overall Width (mm)	Unladen Weight (kg)	Overall Height inc. Bale hanging (mm)	SWL (kg)	All up Weight (kg)	Loading Height to rim (mm)
500	985	210	2045	1300	1510	840
1000	1235	270	2580	2600	2870	1065

- Ensure the SWL is never exceeded.
- PPE should be worn as required according to project specific risk assessment.
- Only trained and competent persons together with a qualified banksman should use the 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 Geared ConeFlow Skip

- The following information is issued for the safety and should be observed at all times for the safety of the user.
- The Geared ConeFlow Skip should be subjected to a visual inspection prior to each use.
- Any defects or damage sustained by the skip must be notified to a competent person immediately.
- Any damage to the structure of the skip, the thorough examination will become invalid and the equipment should not be used.
- The Geared ConeFlow Skip should always be stored or landed on firm level surface.
- Never walk under suspended load. (Stickers on skip).
- A crush zone is indicated by a sticker and body parts must be kept clear.
- **The use of a drop chain is recommended to minimise any possible risk of damage to the lifting bale caused by the direct connection of the crane hook**.
- The use of mould oil is highly recommended.
- Damage to the gear control wheels may result in a finger hand trapping hazard during operation.
- **ENSURE WHEN THE SHUTTER MECHANISM OPERATES IT DOES NOT CREATE A TRAPPING HAZARD WITH EITHER GEAR WHEELS OR BETWEEN THE GEAR WHEELS AND THE BODY.**

3.0 Operation guidance concerning the Geared ConeFlow Skip

1. The Geared ConeFlow Skip must be laid horizontal on the floor. It must be stable if it is not in this original flat position.
2. The use of mould oil is highly recommended to reduce concrete contamination prior to any fill. It is coated on the inside layer of the skip where concrete is to be poured to allow easy wash when operation is finished.
3. The skip is then topped to near the brim. Care must be taken not to over fill.
4. A visual inspection of the filled skip is recommended before any further operation is carried out.
5. The use of a drop chain (1m, 5.3 tonnes SWL) is recommended to minimise any possible risk of damage to the lifting bale caused by the direct connection of the crane hook.
6. After the recommended safety checks have been carried out, the skip is then lifted to the required location under the full assistance and guidance of the banksman.
7. The gearing wheel is used to open the shutter. This enables the operator to have a control flow rate of the concrete being discharge at all times. After use, the skip must be washed immediately to prevent any hardened concrete.

4.0 Maintenance of the Geared ConeFlow Skip

- All lifting accessories are subject to a thorough examination by a competent person at a six monthly intervals.
- Inspect the overall general condition and appearance of the skip, including welded areas, finish, and signage.
- Attention should be paid to any cracks, distortion or damage to any area of the skip.
- The trunnion pins, bolts and trunnion bolts must be inspected for wear and bolts must be tightened.
- Lifting bale support fingers must be in good condition and functioning smoothly.
- Check for data plate and serial number. They must be in good and legible condition. Ensure all stickers such as Marwood Logo, Next Examination Due Date (MGS71), sticker MGS24 Plant returned label, sticker MGS64 Crane skip data label, Crush Zone (MGS80) and Do Not Walk Under Suspended Load (MGS79) are in present
- After use, the skip 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.

The Geared Coneflow Skip should never be dismantled or modified