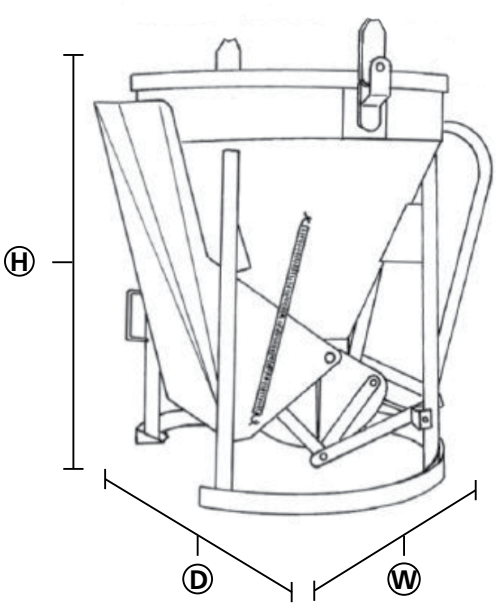
SPEC SHEET
WORKING INSTRUCTIONS
PARTS DIAGRAM AND LIST

PRODUCT CODE: CS203

PRODUCT DESCRIPTION: LEVERED TWINFLOW CONCRETE SKIP
PRIMARY FUNCTION: CONCRETE POURING SKIP



A versatile general purpose skip, with a levered discharge that can be used as a bottom discharge skip for mass concrete pours, or by lowering the side chute can be used as a side discharging skip for more accurate placing of concrete in shutters.

- **Conquip recommend the use of skip wax.**

Cap. Ltrs	H mm	D mm	W mm	WLL Kg
500	1650	1460	1110	1500
750	1710	1810	1500	2250
1000	2000	1700	1510	3000

BASIC SAFETY

IMPORTANT: Read these instructions before using this equipment. If there is anything you do not understand or if you have any concerns DO NOT use this equipment. Contact your supervisor or Conquip for advice.
You should check that you have considered all the safety requirements for the task you are doing and that this equipment is suitable.
You must protect bystanders and the general public by preventing access to the working area.
DO NOT use this equipment if you are tired, unwell or under the influence of alcohol or drugs. If you are taking any medicine or undergoing treatment you should inform your supervisor.

> You must be competent, alert and medically fit when using this equipment. If you have a medical condition, a mental or physical disability, you must seek advice from a medical professional before using this equipment.

A RISK ASSESSMENT must be completed by a competent person before using this equipment to control risks, produce a safe system or work and ensure safety for you, your colleagues and others.
Your risk assessment will determine the correct Personal Protective Equipment (PPE) for the task you are doing. You MUST use it.

Conquip recommends that you should wear:

- Suitable Clothing
- Gloves
- Hard Hat
- Protective Footwear (Steel toecaps)

DO NOT wear loose clothings or jewellery and tie back long hair to avoid becoming tangled or trapped in this equipment.
You MUST make everyone in the work area aware of what you are doing. NO SURPRISES.
This equipment should be operated, stored and transported upright.
Make sure you know how to use this equipment and understand all aspects of its operation in case of emergency.
This equipment weighs more than 25kg. DO NOT lift or manhandle without machine assistance.
This equipment must be inspected by a competent person before use and then regularly, as determined by your risk assessment or working practice. If you have any concerns about condition or suitability DO NOT USE.
DO NOT operate this equipment near overhead power lines.
TAKE CARE in confined spaces, near ceilings or similar hazards.
This equipment was designed for vertical lifting. DO NOT drag, tilt or swing.
Before lifting, check that the load is balanced and stable. Keep all personnel clear of raised loads and far enough away to allow for movement caused by a shifting load.
CRUSH RISK. Keep hands and feet clear of this equipment at all times to avoid injury.
DO NOT LEAVE UNATTENDED. The operator must remain in control of this equipment whenever it is loaded.
Before lowering a load make sure that the landing zone is clear and capable of accepting the size and weight of the load.
Manoeuver loaded or raised equipment carefully. Travel and turn slowly to avoid unit becoming unstable.
Please distribute the load in this equipment evenly.
DO NOT exceed the maximum working load limit shown on the serial plate.
Before lifting, forks must be fully engaged and the security chain or heel pins MUST BE correctly fitted.
HEAD, HANDS & FEET must be kept clear.
Trucks used for lifting and moving this equipment must be capable of lifting the equipment and its load.
DO NOT exceed WORKING LOAD LIMIT.
Before operating this equipment make sure that the working area is clear of hazards, obstructions and personnel.
Check that the equipment has the correct load rating and dimensions for the intended load.
Before operating this equipment, check that you have enough space for you to work safely. Allow space for the equipment to move if the load shifts.

PREPARATION

Ensure the work area is clear of all obstructions.
Check that the skip is suitably rated to lift the load and of the correct size.
Ensure adequate room around the unit for the operator to work safely.

SET UP

Attach the lifting equipment's hook to the skips lifting beam.
Always ensure that the hook's gate is correctly closed and the bale arm is seated correctly in the hook.
Land the skip on level ground in an upright position and allow the side chute to lay flat on the ground. Note that when raised, the chute can be swung back clear of the clam gate or can be used to direct the flow to the side.
Fully close the skips clam gate.
The levered version is spring loaded and should automatically remain closed unless being held open manually.
Once closed, you must attach the safety chain to the wheel to prevent the gate opening during a lift.
You can now fill the skip with concrete.

LOADING THE SKIP

Before loading the skip it must be positioned on a firm level surface which is capable of supporting the skip and its load without subsidence.
Make sure that the clam gate is closed.
Fill the skip from the top with concrete until the skip is full and the load is level.
The skip can now be raised and moved to where it is required.

LIFTING AND LOWERING A LOAD

To aid manoeuvring, attach control lines to the skip. If safe to do so, you can use the handles fitted to the frame and chute.
Now carefully raise the skip just off the ground and check for balance and security.
It all is OK proceed to move the load to its required position. Move slowly and carefully; do not jolt the load. When in position, lower the load until suspended above the discharge point.
If discharging directly below the skip, swing the chute back so that it is clear of the clam gate.

Alternatively, swing the chute up to use it for directing the direction of flow.

DISCHARGING THE LOAD

Carefully open the gate by either depressing the lever or releasing the safety chain and turning the release wheel anti-clockwise. Only open the gate sufficiently to allow the concrete to flow at the required rate. DO NOT fully open the gate nor tie it open.

Empty the unit in short bursts; this is more controllable and will also aid concrete compaction.

When discharge is complete, close the gate and move the skip back to the ground.

It is now important that the skip is thoroughly hosed down internally and externally to remove any remaining concrete before it sets.

FINALLY

With the skip free of any load, lower it to the ground. Open the gate and remove all remaining concrete from inside and outside using clean fresh water.

Release the lifting equipment's hook and move it clear. All that remains is to give the skip a thorough clean.

EQUIPMENT MAINTENANCE AND CLEANING

When not being used, store the unit in a clean condition and in a safe place where it will be protected from thieves and unauthorised users.

The skip must be cleaned of all remaining concrete, and this should be done at the end of each work session or more frequently if required. There can be no excuse for the unit to fail because of hard concrete residue.

Thorough cleaning can be achieved with the flow gate fully open.

Once thoroughly cleaned, you must fully close the flow gate. If you do not, concrete residue may set in the gate blade channels that will foul its operation.

It is recommended that you apply skip wax to the skip - available from Conquip Engineering Group in 25ltd tins.

NOTE: FAILURE TO CLEAN THIS EQUIPMENT THOROUGHLY MAY RESULT IN A CHARGE.

WARRANTY

Conquip Engineering Group products are covered by a 12 month warranty. Conquip Engineering Group undertakes to replace or repair, free of charge, any defect which the Company considers to be due to faulty workmanship or material within 12 months of the sale date, except for:

Defects arising from neglect, misuse or unauthorised modifications.

Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow transportation, storage, loading, cleaning or operation instructions.

Alterations, additions or repairs carried out by persons other than Conquip Engineering Group or their recognised distributors.

Transportation or shipment costs to and from Conquip Engineering Group or their recognised agents, for repair or assessment against a warranty claim, on any product or component.

Materials and/or labour costs to renew, repair or replace components due to fair wear and tear.

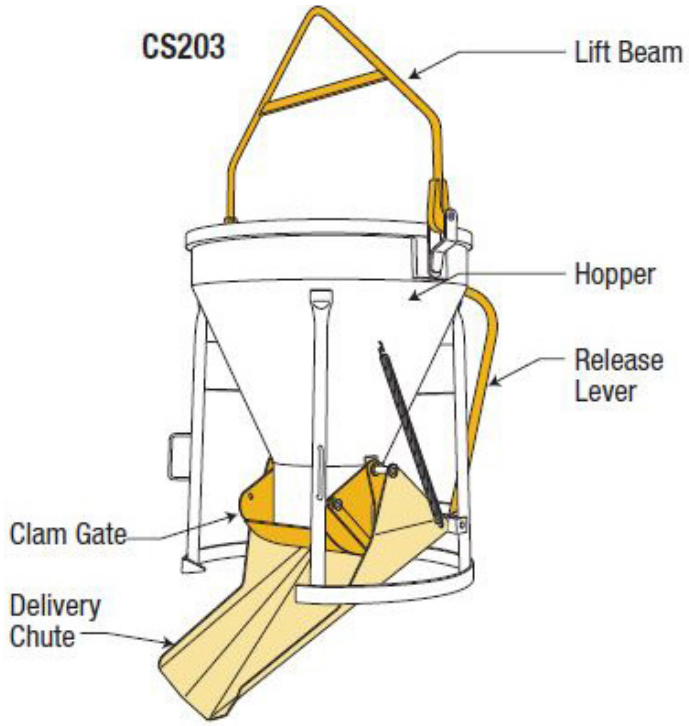
Faults arising from the use of non-standard or additional parts, or any consequential damage or wear caused by the fitting or use of such parts.

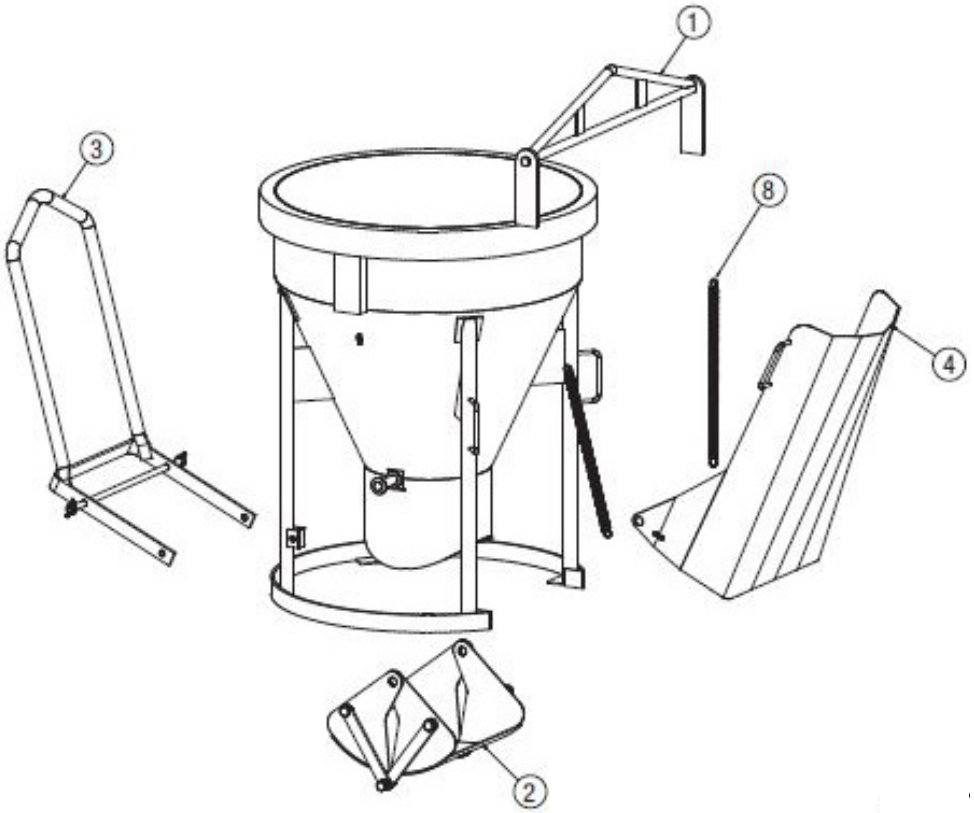
Conquip Engineering Group and/or our recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with, or by reason of, or the inability to use the product for any purpose.

MODIFICATIONS

If any third party work, modifications or alterations are to be carried out on the product which will involve any welding, drilling or any form of cutting or distortion of materials, full written approval must be obtained from Conquip Engineering Group prior to the work being carried out.

Conquip Engineering Group operate a policy of constant improvement and reserve the right to change specifications without notice.





ITEM NO	PART NUMBER	DESCRIPTION	QTY
1	CS203-01/500	LIFT BEAM	1
2	CS203-02/500	CLAM GATE MECHANISM	1
3	CS203-03/500	RELEASE LEVER ASSEMBLY	1
4	CS203-04/500	DELIVERY CHUTE	1
8	CS203-08/500	TENSION SPRING	2