



Operating Instructions



NOTE

The Gyru-Star compact screening system is designed as a re-handling bucket only for the screening, aeration and mixing of Non Hazardous, pre dug material.

It is not to be used as a primary digging bucket or used in contaminated areas.

The material to be screened is loaded in to the Gyru-Star compact screening system in the same manner as a standard excavator or wheeled loader bucket.

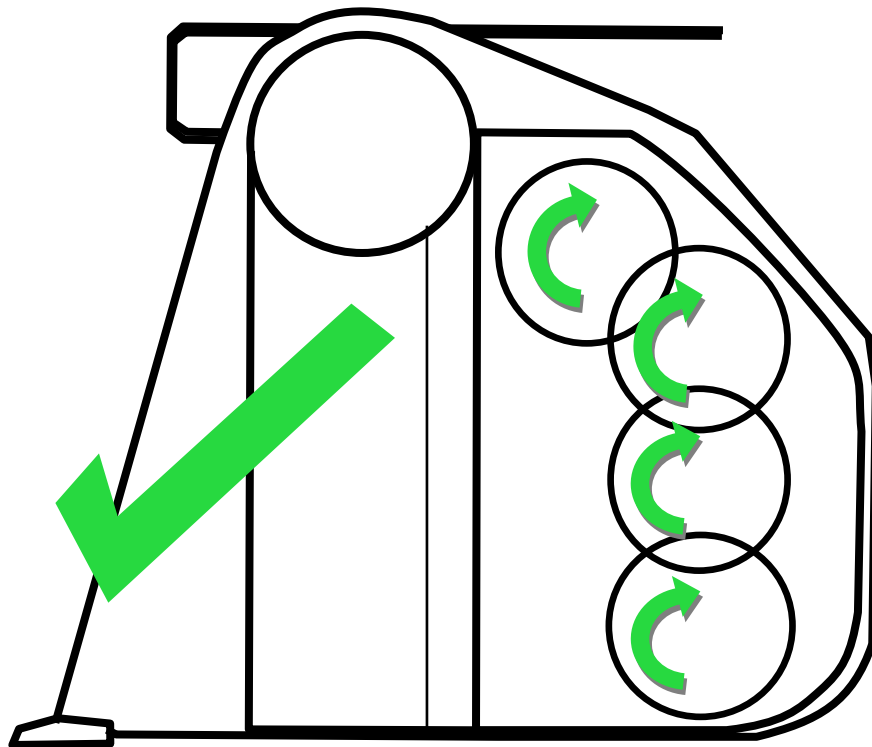
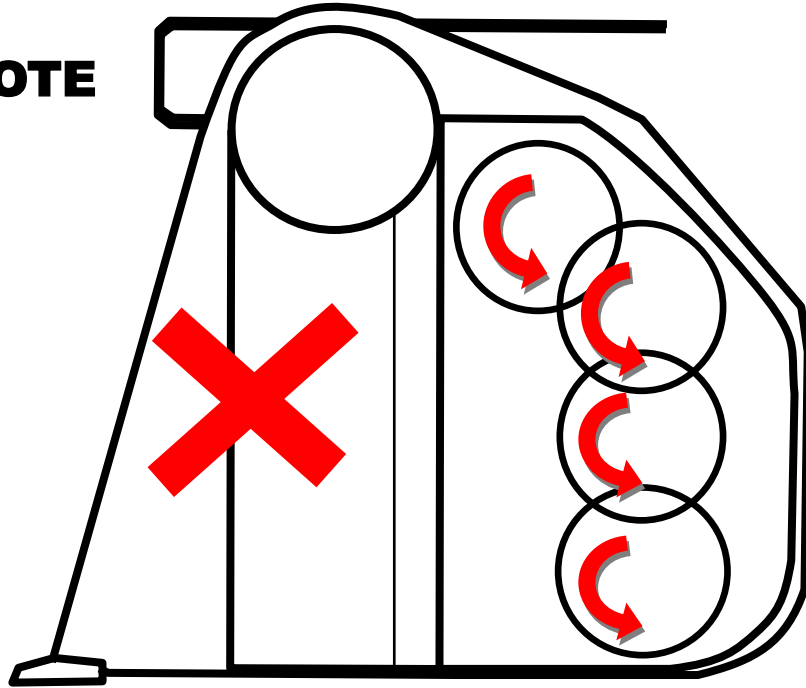
Once the bucket has been loaded with material to be screened and positioned the excavator or wheeled loaders auxiliary hydraulic circuit is activated causing the star rotors to turn in an upwards direction.



Rotor direction



NOTE

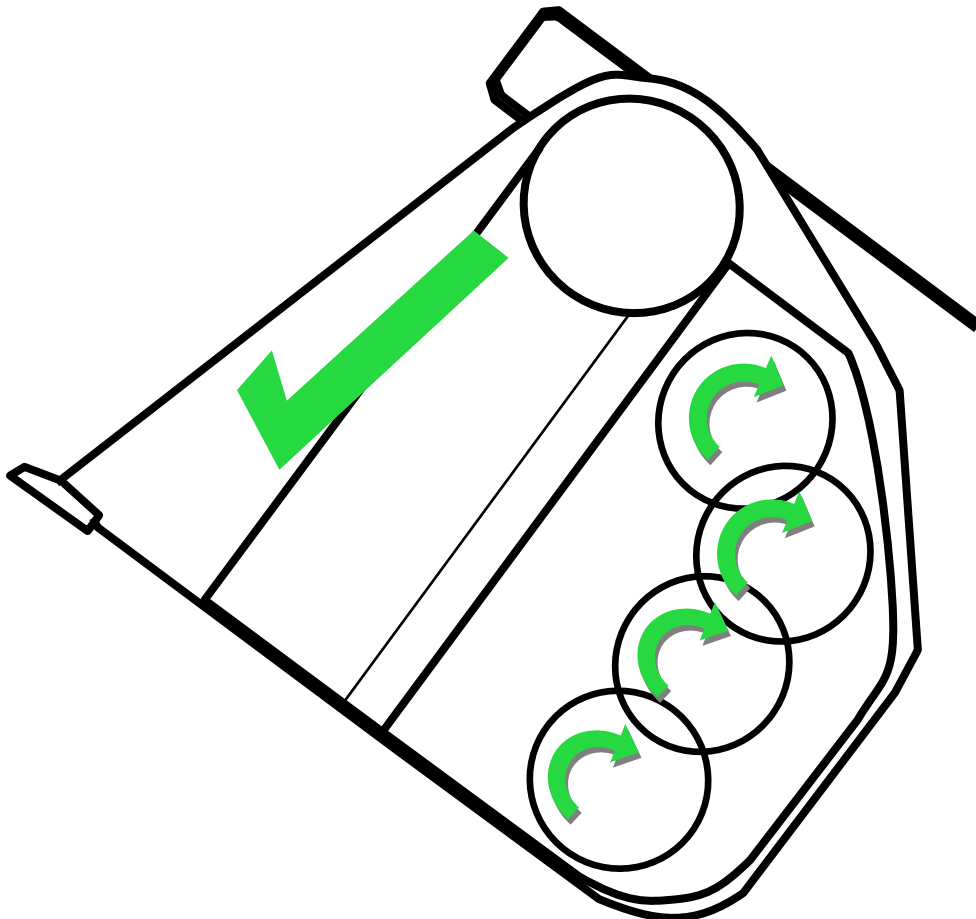
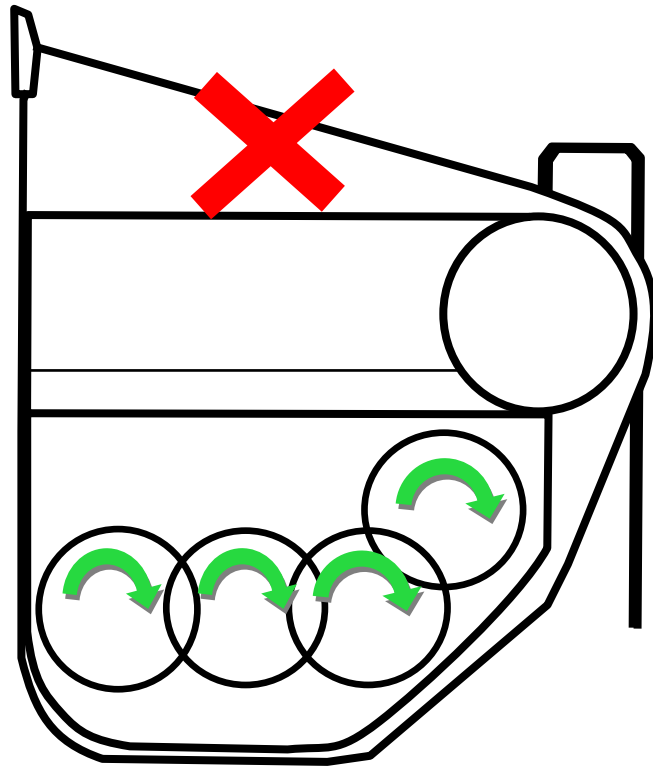




Operation angle



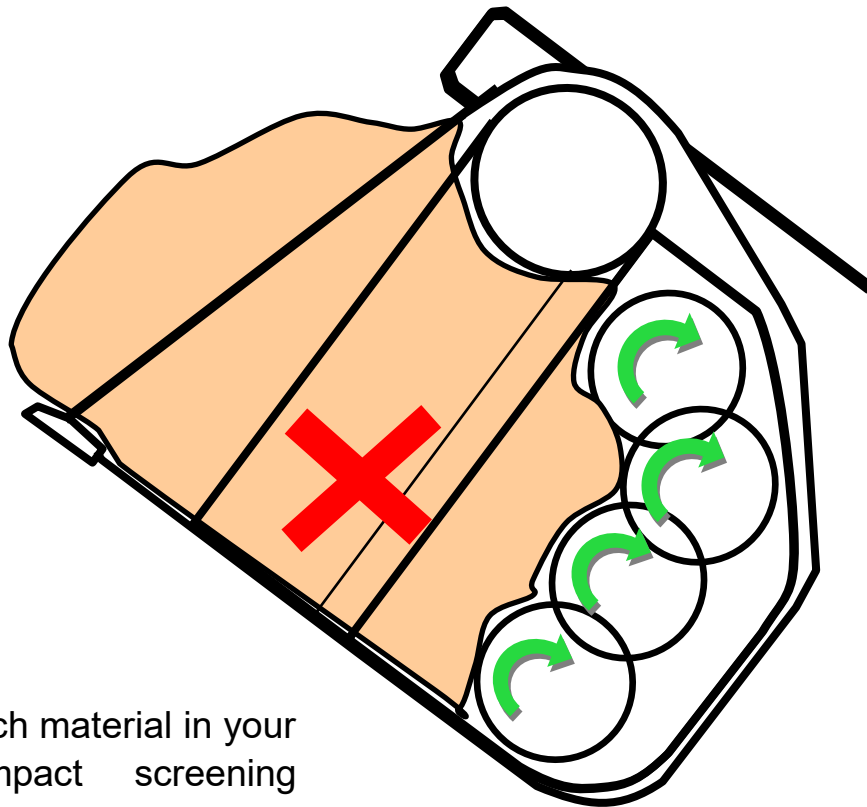
NOTE





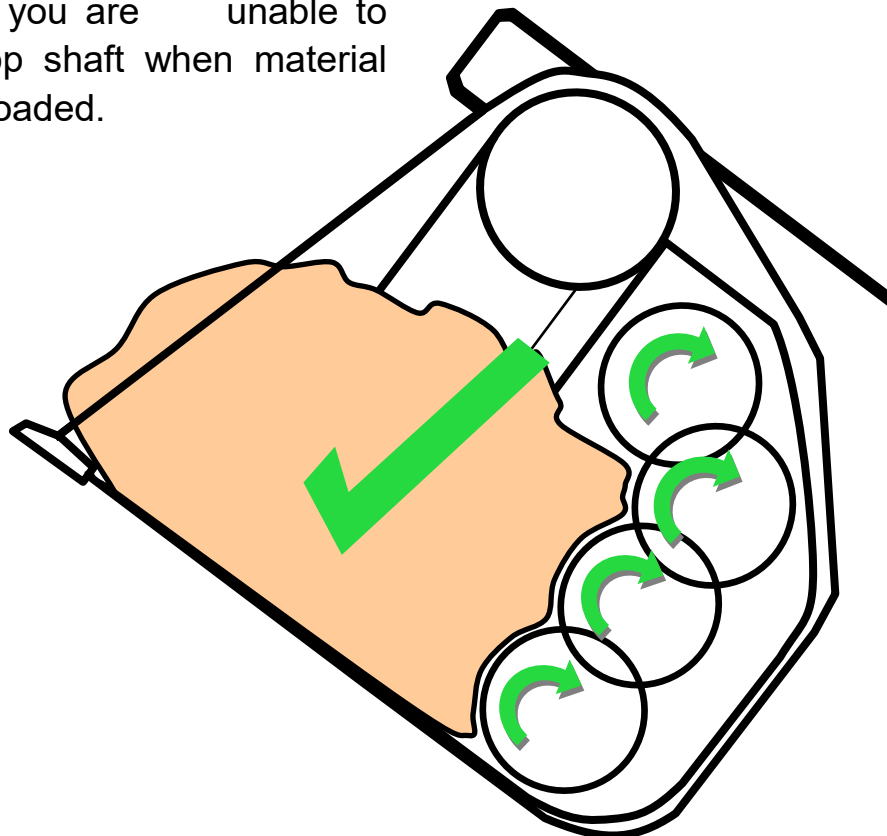
Material handling

Do not over fill the Bucket as this will reduce the performance of the screening process and can damage your Gyru-Star compact screening system.



Tip

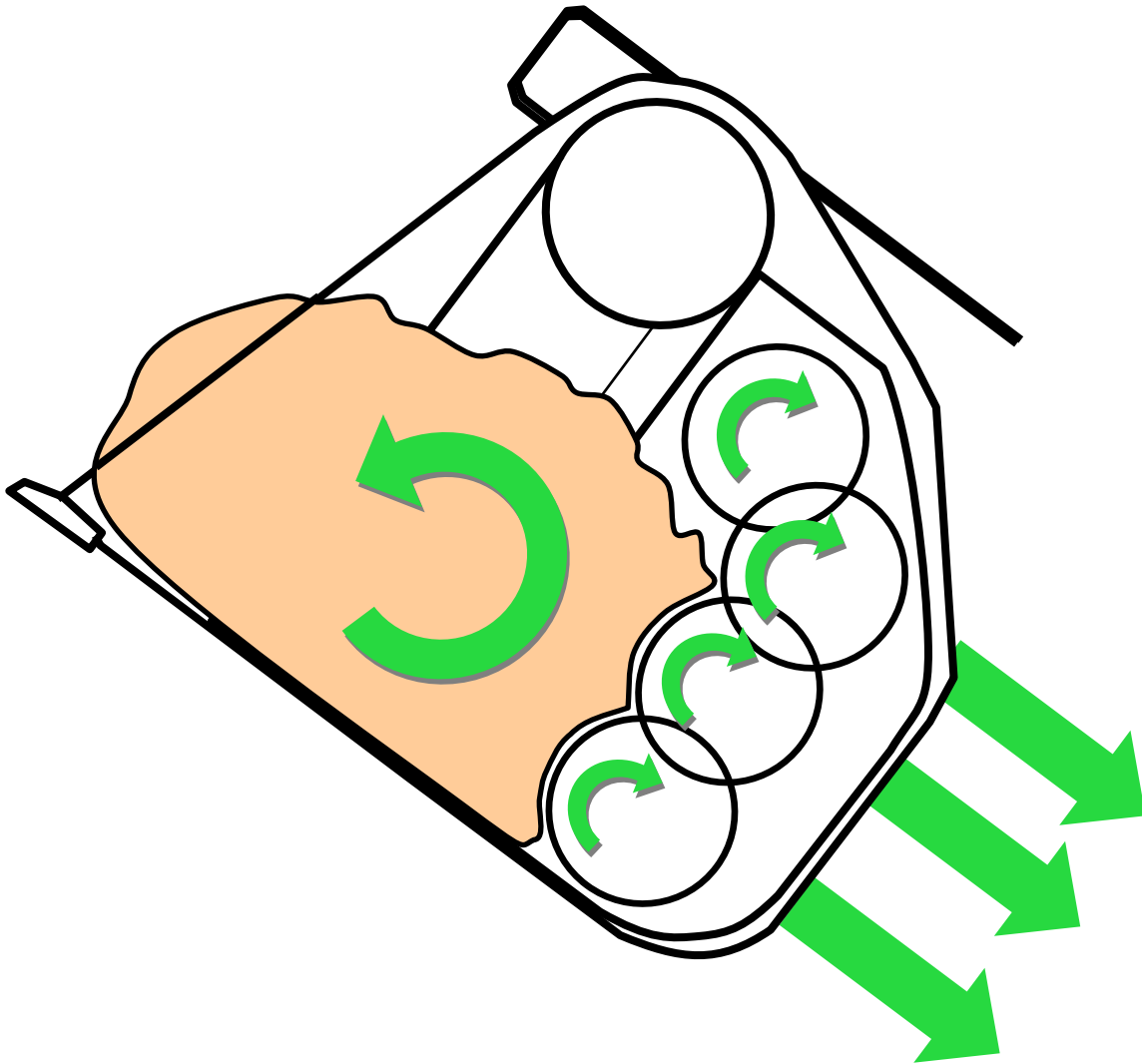
There is too much material in your Gyru-Star compact screening system if you are unable to see the top shaft when material has been loaded.





Material handling

The Gyru-Star compact screening system's efficient screening process is created by the star rotors, rotating the pre screened material in the bucket, allowing fines to flow through the star rotors leaving the oversize material in the bucket.



Less material in the = more production
Gyru-Star compact
screening system

Once the screening process is completed, the oversize material is tipped out and the process is repeated.



Maintenance



SERVICING DESCRIBED IN THIS MANUAL IS ONLY TO BE PERFORMED BY A QUALIFIED PERSON.

Daily Maintenance

Carry out visual inspection ensuring that the excavator or wheeled loader fixing pins, and fixing pin securing devices are fitted correctly (check carriers operators hand book for more information).

Inspect hydraulic hoses for damage and leaks. Replace the hoses if they are damaged or leaking.

Remove any material wrapped around the flexi-star rotor shafts.

Periodic or Monthly Maintenance

Check the flexi-star rotor bearings for wear and replace if necessary.

Check rotors for damaged flexi stars and replace flexi stars if necessary.



NOTE

Long Term Storage

Place the Gyru-Star compact screening system on firm and level ground.

Power-wash the Gyru-Star compact screening system carefully. Avoid prolonged high pressure water around the flexi-star rotor bearings.

Ensure hydraulic lines are suitably plugged.

Apply a suitable anticorrosion product to all bright metal surfaces.