



Registered SCIO SC049120

## Powered Barrow Operating Guidance TPG GN5.0

### Familiarising Yourself with the Barrow

1. The powered barrow bucket holds 250kg, equivalent to 4 hand barrow loads. Please note the illustrated Operating Hints on the plate in front of the operator.
2. It has a four stroke petrol engine and starts easily. If it doesn't start there is either no fuel, no spark or it's been flooded with excess fuel.
3. There are 4 forward gears, neutral and 1 reverse selected by the lever on the right of the instruction plate. The clutch is always open with no levers pulled so the gear must be selected without pulling any other levers.
4. There is a fuel cock which must be opened before starting and should be closed after use. It's cream coloured quarter turn located on the left of the engine below the fuel tank.
5. It has friction drive to all four wheels but does not have steering so it has to be man handled around corners which is easier when moving.
6. The engine is manually started using a recoil cord.
7. The throttle lever is in front of the left handle bar.
8. A parking brake is released by squeezing the red lever above the left handle bar. It is supposed to act like a dead man handle.
9. The clutch is engaged by pulling the lever beneath the left handle bar.
10. The bucket is released by pulling the lever beneath the right handle bar.

### Getting Started

1. Set the machine on firm ground and check fuel and oil levels (SAE 10W-30).
2. Fill the tank with unleaded petrol.
3. Turn on the fuel cock.
4. To start the engine from cold, push the throttle lever fully forward to engage the choke.
5. Gently pull the recoil cord out until resistance is felt and then give a firm pull. It usually takes two or three attempts. Always return the handle fully and pull against resistance.
6. As soon as the engine runs, pull the throttle lever back slightly to the first detent to disengage the choke.
7. The throttle can be pulled back to idle but if pulled fully back the engine will stop.
8. Allow the engine to warm up for a minute before putting to work

### To Travel

1. Ensure others are clear of the barrow and select the required gear. Use 1st when moving close to objects and when manoeuvring.
2. Hold down the parking brake lever (red) and gently pull up the clutch lever to engage the drive.
3. To change gear, to go faster for instance, release the brake and clutch levers on the left handle bar.

4. Speed can also be adjusted by the throttle lever.
5. There is no steering as such so changing direction requires a side force to be applied through the handle bars. Apply a steady force when necessary as jerking may lead to self injury.
6. Select the gear that you are comfortable with. Always select 1<sup>st</sup> in confined spaces and when loading/unloading from the trailer.
7. Ask for assistance on steep or muddy sections.

To Stop

1. Release the clutch lever and the red brake lever.

To Empty the Bucket

1. Stop the machine and check everyone is well clear of the front of the bucket.
2. Pull up the bucket release lever under the right hand handle bar.
3. You can lift both handles of the barrow to tip the bucket but it's easier if others help from the side to pull the bucket forward.
4. Keep hold of the barrow handles to prevent the whole barrow tilting forward as the bucket swings over.
5. Engage reverse to help fully empty the load.
6. Once empty the bucket can be manually returned to its normal position where it will automatically latch but check for any obstruction under the bucket before raising and ensure people are clear.

After Use

- Clean off as much dirt as possible and wash down with a hose especially around the wheels and drive belts.
- Secure the barrow in its trailer before setting off.

Trainer Name & Signature		
Trainee Name	Training date	Trainee Signature