

Turf Sod Cutter



AUTHORISED DEALER



The Camon turf sod cutter has been designed by Tracmaster for removing the top surface of lawn.

This machine efficiently cuts consistent strips of turf away from the soil.

The blade is designed to be used only to cut strips of grass.

Before using the turf sod cutter, the depth of the soil must be tested with a garden fork.

This machine should NOT be used in ground which is less than 25mm in depth or which contains rocks, bricks or other debris.

Using the machine on non-grass surfaces such as concrete or tarmac will damage the machine.

Engine and Drive

- The turf sod cutter has a Honda GX160 which is a four-stroke engine that runs on standard unleaded fuel.
- The engine is air cooled and therefore it is important that the grille covering the recoil rope is kept clear from debris.
- The engine air filter cleans the air sucked in by the engine.
- A clogged air filter will reduce performance.
- The engine is fitted with a fuel on/off lever and a choke lever.

Gear Selector Lever

- The drive to the back axle of the Turf Cutter can be engaged and disengaged using the gear selector lever located at the rear of the machine, above the front axles.
- The '0' position disengages the drive from the back axle. The machine can be free wheeled in this position.
- Move the gear selector lever to the 'I' position to engage the engine drive to wheels.
- The power to the back axle from the engine is controlled by a centrifugal clutch that is attached to the engine. Moving the gear lever to the engaged position will not drive the machine automatically. It is only when the drive lever is activated, and the engine revs are increased to a point at which the centrifugal clutch is engaged that the engine power is transferred to the back axle.

Drive Lever

- The drive lever is located beneath the left-hand handlebar grip.
- This is a two-stage lever. The grey button must be pressed before the main lever can be pulled up.
- This lever operates both the cutting blade and the driving power to the back wheels. It does this by raising the engine speed until a centrifugal clutch engages and transfers the engine power to the driven components of the machine.
- Letting go of the drive lever causes the engine revolutions to drop, the centrifugal clutch to disengage and both the engine drive and cutting blade to stop moving.

Cutting Depth Adjustment

The cutting depth of the blade is adjusted using the two adjuster knobs - the lower locking knob and the top height adjustment knob. The top height adjustment knob is connected to a length of threaded rod that is wound into and out of the chassis. These knobs are located in front of the handlebar mounting on the top section of the main chassis.

The lower knob is for locking the position of the top knob. To adjust the depth of the cutting blade, first loosen the lower locking knob. Once this knob is able to move freely, you can adjust the position of the top knob into and out of the chassis by turning it clockwise and anticlockwise.

Using the indicator sticker on the thread of the top knob it is possible to choose your required depth of cut. This ranges from 25mm to 40mm.

Machine Lifting Lever

Located at the rear of the machine, below the handlebars, this lever allows the operator to move the cutting blade in and out of the ground.

General Safety Instructions

1. Visually check the machine for operational safety, complete components and fixed guarding before using the machine.
2. Read and be aware of the warning and instruction signs located on the machine.
3. Cordon off the work area to access from the general public.
4. Before starting work clear the area of any objects that may cause damage to the machine.
5. Do not operate the machine if you are under the influence of alcohol or drugs. This equipment must only be operated by persons who are medically fit both physically and mentally.
6. Only work in good light and visibility.
7. Operator clothing should not be loose, and footwear should offer good grip.
8. Know how to stop the machine in an emergency.

Engine Specific Safety Instructions

- Petrol is highly flammable, always stop the engine and ensure the fuel tap is turned off before refuelling or when transporting, cleaning, or making adjustments to the machine.
- Do not smoke or use a naked flame when refuelling.
- Use only unleaded petrol from fuel containers designed for this purpose. Refuel outdoors only and replace the fuel tank cap securely.
- Do not mix oil with the fuel.
- Leave one inch of space in the fuel tank during refilling.
- Clear up any petrol spillages immediately.
- Always start the engine in the open air. Starting an engine within a confined space can lead to the inhalation of toxic substances.
- Avoid contact with the engine during operation as it will become hot. Leave the engine to cool prior to contact and storage.
- Never interfere with the control settings of the engine.

To Start the Engine

1. Pull the engine recoil handle slowly until it engages then pull hard and fast to start the engine.
2. After the start, guide the cord back into its position. Do not let it snap back.
3. Once the engine has started, if the choke lever has been used, return this to its OFF position after the engine has run for a few seconds.

To Stop the Engine

1. Release the operating lever.
2. Switch the engine ON/OFF switch to the "O" OFF position.
3. Turn the fuel tap lever to the OFF position.
4. Ensure the blades have stopped prior to moving the machine.

WARNING:

THE EXHAUST COVER MAY BE HOT – DO NOT TOUCH.

PPE

We recommend the following PPE.

- Ear Defenders
- Gloves
- Protective Footwear
- Safety Glasses

Before Using the Turf Sod Cutter

Before using the Turf Cutter, the grass must be cut short and be cleared of any objects such as stones or sticks that would damage the machine or be picked up and thrown by the moving blade.

WARNING:

USING THE TURF CUTTER ON LONG GRASS WILL QUICKLY CAUSE DAMAGE TO COMPONENTS OF THE MACHINE. WE RECOMMEND THE GRASS IS CUT PRIOR TO USING THE TURF CUTTER.

- Do not operate the Turf Cutter on wet lawns or in wet weather.
- Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- Do not operate the machine in very hard dry ground.

Using the Turf Sod Cutter

1. When safety checks have been completed, start the engine following the correct procedure.
2. Position the Turf Cutter in the direction you wish to cut turf.
3. Set the operating height by screwing the top adjuster knob either up or down and
4. locking the desired height with the lower knob.
5. Ensure the gear lever is in the 'O' position.
6. Lift the drive lever on the handlebar to engage the drive to the blade - remember to depress the grey lever before lifting the black drive lever.
7. Lower the machine lifting lever to lower the blade into the ground.
8. Move the gear lever from the 'O' position to the 'I' position.
9. At the end of the strip of turf, raise the lifting lever to raise the blade out of the ground.
10. Release the drive lever to stop the drive to the wheels and the blade.
11. Move the gear selector lever to the disengaged position 'O'.

Extra Information

- Operate the machine only in daylight or in good artificial light.
- Always be sure of footing on slopes.
- Do not work the Turf Cutter on slopes of more than 20 degrees and always work across the slope, not up and down it.
- Walk never run.
- Never operate the machine with defective guards, or without safety devices, for example deflectors and or catchers in place.
- Do not change the engine governor settings or over speed the engine.
- Disengage all levers, by releasing them, before starting the engine.
- Start the engine carefully according to the instructions.
- Do not tilt the machine when starting the engine.
- Do not put hands or feet near or under the moving parts.
- Never pick up or carry the machine whilst the engine is running.
- Avoid operating the machine in bad weather conditions especially if there is the risk of lightning.

Procedure for Unexpected Shut Down

1. Release the drive lever.
2. Turn the engine operating switch located on the handlebars to the OFF position.
3. Ensure the blade has stopped moving prior to moving the machine.

The TC07 Turf Cutter is designed to be pushed by the operator during transportation. It has no brake system, and the operator must hold firmly onto the machine at all times when the machine is on sloped areas.