

# Hejny Rentals, Inc.

Contractor, Lawn & Garden, and Party Equipment Rentals  
1829 White Bear Ave. - Maplewood, MN 55109  
Phone: 651-770-3841 – Fax: 651-770-1725  
[www.hejnyrental.com](http://www.hejnyrental.com)

## Billy Goat Sod Cutter

**WARNING: IMPORTANT!** This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death. **DO NOT** run this equipment indoors or in any poorly ventilated area. Refueling outdoors is recommended.

**DO NOT** refuel this equipment while the engine is running. Allow engine to cool for at least two minutes before refueling.

**DO NOT** store gasoline near an open flame.

**DO NOT** remove gas cap while engine is running.

**DO NOT** start or operate engine if strong odor of gasoline is present.

**DO NOT** start or operate engine if gasoline is spilled. Move equipment away from spill until gasoline has completely evaporated.

**DO NOT** smoke while filling the fuel tank.

**DO NOT** check for spark with spark plug or spark plug wire removed. Use an approved spark tester.

**DO NOT** operate engine without a muffler. Inspect muffler periodically and replace if necessary. If equipped with muffler deflector, inspect deflector periodically and replace if necessary.

**DO NOT** operate engine with grass, leaves or other combustible material near the muffler.

**DO NOT** touch muffler, cylinder, or cooling fins when hot. Contact with hot surfaces may cause severe burns.

**DO NOT** leave equipment unattended while in operation.

**DO NOT** park equipment on a steep grade or slope.

**DO NOT** operate equipment with bystanders in or near the work area.

**DO NOT** allow children to operate this equipment.

**DO NOT** operate equipment with guards removed.

**DO NOT** operate equipment near hot or burning debris or any toxic or explosive materials.

**DO NOT** operate equipment on slopes greater than specified in Specifications section of this manual.

**DO NOT** operate barefoot or wearing open sandals. Always wear substantial footwear

**DO NOT** place hands or feet underneath unit, or near any moving parts.

**DO NOT** pull backwards unless absolutely necessary

**DO NOT** operate the Sod Cutter while under the influence of alcohol or drugs.

**DO NOT** use near drop-offs, ditches, or embankments. The operator could lose footing or balance

**DO NOT** use on excessively steep slopes.

**DO NOT** ride or climb on the machine while in operation.

**DO NOT** change the engine governor setting or overspeed the engine.

**ALWAYS** be sure of your footing; keep a firm hold on the handle and walk; never run.

**ALWAYS** Stop the blade(s) when crossing gravel drives, walks, or roads.

**ALWAYS** Shut the engine (motor) off and wait until the blade comes before servicing.

**ALWAYS** use only in daylight or good artificial light.

**ALWAYS** Disengage the drive lever and blade lever before starting the engine.

**ALWAYS** wear safety goggles or safety glasses with side shields

**ALWAYS** remove spark plug wire when servicing equipment to prevent accidental starting. **ALWAYS** check fuel lines and fittings frequently for cracks or leaks. Replace if necessary. **ALWAYS** store fuel in approved safety containers.

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**ALWAYS wear proper foot apparel when sod cutting.**

**WARNING: Important**

**Remove all rocks, wire, string, etc. that can present a hazard during work prior to starting.**

**DO identify and mark all fixed objects to be avoided during work such as sprinkler heads, water valves, limbs, or clothes line anchors, etc.**

## **OPERATION**

Like all mechanical tools, reasonable care must be used when operating machine.

Inspect machine work area and machine before operating. Make sure that all operators of this equipment are trained in general machine use and safety.

## **STARTING**

**ENGINE:** See engine manufacturer's instructions for type and amount of oil and gasoline used. Engine must be level when checking and filling oil and gasoline.

**ENGINE SPEED:** Engine speed is fixed.

**FUEL VALVE:** Move fuel valve to "ON" position.

**CHOKE:** Found on engine above fuel on switch. PULL starting rope to start engine.

**FORWARD CONTROL AND BLADE MOVEMENT LEVERS -** See Operator's Controls.

Do not operate if excessive vibration occurs. If excessive vibration occurs, shut engine off immediately and check for damaged or worn blade, loose blade bolts, loose engine or lodged foreign objects.

## **OPERATOR CONTROLS**

**DRIVE CONTROL- Located on the right hand side of the handle bars. When engaging the drive lever, pull it till it comes into contact with the handle bar. Do not halfway engage the drive as this will cause premature failure of the transmission.**

**BLADE ENGAGE LEVER-** Located on the left hand side of the handle bar. As with the drive lever, it must be fully engaged when in use.

**SPEED AND DIRECTON SHIFTER-** Lift the levers located on either side of the shifter control then move the shifter control forward or backward to select the desired direction and speed then release the levers. **DO NOT push the shifter control without releasing the levers as this will cause damage to the shifter control.**

**FREE WHEEL LEVER-** Located on top of machine next to the height adjust. Pull the lever out to free wheel and push it in to allow the drive to be engaged.

## **CUTTING OPERATION**

The unit performs best when the ground is wet. If possible sprinkle the work area several hours before starting.

**CAUTION:** Shut off the blades when crossing gravel drives walks or roads and under all conditions were thrown objects might be a hazard.

**CLEARING DEBRIS FROM UNDERSIDE OF MACHINE:** Turn engine off and wait for blade to stop completely. Disconnect spark plug wire and place the unit in gear to prevent the unit from rolling. Wearing durable gloves, remove debris. Danger, the debris may contain sharp materials. Reconnect spark plug wire.

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**CAUTION:** Use extreme care when operating the blade. Inspect the work area for foreign objects that could cause damage to the unit or injure the operator if struck by the blade. Never operate the blade with bystanders in the work area.

**GENERAL OPERATION:**

Position the turf cutter outdoors on sufficiently firm, flat soil. Read the instructions provided by the engine manufacturer in the relative manual and follow them carefully to prevent situations arising which may endanger either persons or the machine.

**WARNING:** When using the machine for the first time it is advisable to get the feel of it by executing maneuvers on flat ground free of foreign objects.

After switching on the engine following the instructions given in the previous paragraph:

**WARNING:** DO NOT adjust cutting depth while machine is in motion. Choose a cutting depth suitable for the type of terrain the machine is to be used on. Cutting height is set using the removable pin and placing it into the desired slot for depth. Then loosening the locking lever to allow the arm to be raised or lowered. The arm should be resting against the pin for the desired cutting height. Make sure to engage the locking lever before blade operation.

- 1- Choose a depth of cut. See instruction label on the unit. Note: Sod should be cut leaving a minimum amount of dirt (1/4"-3/8") attached to the roots. This minimizes its weight for removal and encourages faster growth when reused.
- 2- Holding both handles, fully engage the blade clutch lever on the operator's left hand side. Rocking back on the handles, allow the blade to cut into the sod to your chosen depth. Keep the blade clutch lever fully engaged at all times when cutting.
- 3- Using the ground speed and direction adjustment lever in the middle of the handle, set forward ground speed to a slow forward speed to begin.
- 4- Fully engage the ground drive clutch lever on the operator's right hand side. The unit will begin to move forward and cut a strip of sod.
- 5- As ground conditions allow, increase the ground speed using the speed control lever, in small increments until you attain the maximum speed of cut for your application. If the engine RPM drops significantly lower the forward speed until the engine comes back up to speed.
- 6- When you reach the end of the strip you are cutting, release both clutch levers and the unit will come to a stop. Using the blade depth adjustment handle raise the blade to the maximum height possible and lock it in place.
- 7- Fully engage both blade drive and ground drive clutch levers and the unit will drive forward and complete the cut of the strip.
- 8- Release the blade clutch lever and continue to drive the unit forward into position for the next cut, repeat the process above as required.

**CUTTING TIPS**

- 1) Before commencing cutting operations, read the safety instructions given in the previous sections.
- 2) At first the setting of a relatively shallow cutting depth is recommended and then lowering it gradually according to working conditions.
- 3) Engage the blade clutch only after having carried out the machine switch on and gear engagement operations.

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