

# Rental Center Guide Operating Steps and Safety Practices Vermeer SC30TX Stump Cutter

Please visit vermeer.com to view the Stump Cutter Safety and Operations Video

Visit Vermeer at <a href="https://www.vermeer.com">www.vermeer.com</a> to locate your local Vermeer Tree Care dealer.

Your rental associate or technician will explain each of the following operating steps and safety practices before you use this stump cutter.





**WARNING:** Do not use or attempt to operate the machine until you understand proper operation and safety of this stump cutter. Read the operator's manual. Read safety signs attached to the machine. In **addition, a Vermeer Stump Cutter Operation and Safety Video is available for viewing at your rental** center. If you are unsure of content or meaning of the safety messages or information regarding machine operation, ask your rental associate or technician for more details.

**INTENDED USE:** Vermeer SC30TX is a pedestrian-operated, self-propelled, track-mounted stump cutter designed solely for use in removing tree stumps and roots to below ground level by cutting and grinding.

## **OPERATING STEPS**

### 1. Stump Cutter Transport:

- a. Before transporting machine on trailer or truck, read trailer or truck manual for safety precautions and loading information.
- **b.** Before loading machine, raise and center cutter wheel. From level ground, drive machine squarely onto and off of trailer or truck. Clean machine to keep any debris off highway.
- c. After loading, lower cutter wheel to trailer or truck bed. Use standard tie-down procedures to secure machine on four corners before transporting.

#### 2. Stump Cutter Setup:

- a. Contact the local One-Call system in your area to request location of all underground utilities near work area.
- b. Check all machine fluid levels and condition of air cleaner before starting machine.
- c. Operating the machine will require you to wear protective equipment. Always wear a hard hat, safety shoes, hearing protectors, and eye and face protection. If working near traffic, wear reflective clothing.
- d. Inspect jobsite and remove loose chunks of wood, stones, wire or other debris from around stump(s).
- e. Use extreme caution when operating on side hills where rollover can occur. Operate machine in direction which allows operator to be located on uphill side.
- f. Disengage cutter wheel when driving between stumps. Never ride on machine.

#### 3. Stump Cutter Start:

- a. <u>DO NOT</u> touch "Boom Control Lever" when starting engine. This allows operator presence system to calibrate after engine has started and before operation begins.
- b. Set "Throttle" at mid speed and turn "key switch" clockwise to start engine. Reduce engine speed to idle and let engine warm up.

#### 4. Stump Grinding:

- a. Use "Ground Drive Control" levers to position machine with cutter wheel at top edge of stump.
- b. Place hand on "Boom Control Lever" to activate the operator presence control. Green "Operator Presence Indicator Light" on the operator station comes on and remains lit as long as the operator maintains hand contact with control lever. Operator presence system will not allow cutter wheel to engage unless hand is on control lever.
- c. If "Operator Presence Indicator Light" does not turn on, release lever for at least one second to allow recalibration and then replace hand on lever.
- **d.** Engage "Cutter Wheel Drive" switch. Green "Cutter Wheel Engaged" indicator light on the operator's station will turn on. Cutter wheel will disengage if hand contact with "Boom Control Lever" is interrupted for 1 second.
- e. Increase engine speed to maximum rpm and use "Boom Control Lever" to make a light cutting pass across the stump.
- f. With the cutter wheel to the side of the stump, lower cutter wheel and make a deeper cutting pass. Size and speed of cut depends on hardness of the wood.
- g. Repeat until you have achieved the required depth or cut down to half the cutter wheel diameter. Never undercut the stump. Undercutting can cause violent machine kickback and component damage.
- h. Raise cutter wheel and use "Ground Drive Control" levers to move machine farther into the stump, repeat cutting passes.

#### 5. Removing Chips

- a. If chip buildup interferes with machine operation, raise and disengage cutter wheel and move machine back away from the stump.
- **b.** Follow shutdown procedure. Clear chips away with rake or shovel.
- **c.** Restart machine, move back into cutting position and resume operation.

#### 6. Shutdown Procedure

- a. Maintain one hand on "Boom Control Lever" and reduce engine speed to idle.
- After engine reaches idle speed, disengage "Cutter Wheel Drive" switch or release control lever.
   WARNING: The cutter wheel will continue to turn for a short time after the clutch has been disengaged.
- c. Shut off engine and remove key. Wait for cutter wheel to stop turning before leaving the operator's controls.
- **e.** If shutting down on a slope, turn machine to face across the slope to prevent machine from creeping away from the parked position. If this is not possible, apply parking pin or parking brake (depending on how the machine is equipped).

Operator's manual and rental center guide are available in other languages. Contact productsafety@vermeer.com. Se dispone del manual del operador y de la guía de centros de alquiler en otros idiomas. Póngase en contacto con productsafety@vermeer.com.

## See other side for Safety Practices



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## **SAFETY PRACTICES**

Below are selected safety messages. Additional safety information is contained in safety signs on the machine and in the operator's manual attached to the machine. A Vermeer Stump Cutter Operations and Safety Video is available for viewing at this rental center.





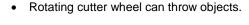
**WARNING:** Keep all spectators and unprotected workers away from the machine and work area while in operation.







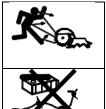






 Keep cutter wheel guard down. Stay away. Shut off power to cutter wheel before transporting machine.





**WARNING:** Thrown objects from rotating cutter wheel can injure the operator.



- Remove loose chunks of wood, secondary growth, stones, wire and other debris from stump and work area.
- Wear hard hat, eye protection and face shield.

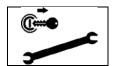




WARNING: Runover/Rollover can crush.

- Avoid situations where rollover can occur.
- Keep feet away from tracks.
- Do not allow anyone to ride on machine.





**WARNING:** Use Shutdown Procedure explained in the operator's manual before servicing, cleaning, repairing or transporting the machine.



**WARNING:** Failure to follow any of the preceding safety instructions or those shown on the machine or in the operator's manual could result in serious injury or death. This machine is to be used for only those purposes for which it was intended as explained in the operator's manual.

# **See other side for Operating Steps**