

Removing Stumps with Stump Grinder

<b>Facility:</b>	<b>Written By:</b>	<b>Approved By:</b>	<b>Date Created:</b>	<b>Date of Last Revision</b>

<b>Hazards Present:</b>	<b>PPE or Devices Required:</b>	<b>Additional Training Required:</b>
Vibration	Safety Glasses	Operators Manual
Cuts, lacerations	Steel Toed Boots	
	Gloves	
	Hearing protection	

**Safe Work Procedure:**

- 1) Check for overhead and below ground obstructions before grinding stump.
- 2) Fully retract tilt cylinder and extend or retract articulation cylinder so that the cutting wheel is centered on the stump.
- 3) Move skid steer forward until cutting wheel is located on far side of stump as shown.
- 4) Lower skid steer hitch down until skid shoes are firmly planted on the ground. If available, set skid steer park brake.
- 5) Rotate top of skid steer hitch plate forward or rearward until cutting teeth are just above the stump.
- 6) Using articulation cylinder move cutting wheel to the right and engage hydraulics to rotation start cutting wheel rotation.
- 7) Slightly extend tilt cylinder to lower carbide teeth enough to make a cut into the stump as shown in
- 8) Slowly retract articulation cylinder to make a cross cut across top of stump.
- 9) Once cutting wheel has made a full swing across top of stump, extend tilt cylinder to make another cut and start back across the stump.
- 10) Continue swinging cutting wheel back and forth across top of stump and extending tilt cylinder at start of each new pass until depth of cut is around 4" deep in the stump.
- 11) Fully retract tilt cylinder, raise loader arms up several inches, and back skid steer up to a new location to continue removing chips from the stump.
- 12) Repeat steps 8 to 12 until top of stump has been completely removed to the 4" depth
- 13) Raise loader arms up several inches and drive forward to reposition cutting teeth just above far side of remaining stump and to the right side.
- 14) Repeat steps 8 thru 14 until the stump has been removed approximately 8" below ground

***If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure***

**REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR**

<p align="center"><b>Guidance Documents/Standards:</b></p> <p>MB Workplace Safety &amp; Health Act &amp; Regulations:  <b><i>Part 6 Personal Protective Equipment</i></b>  <b><i>Part 16 Machines, Tools and Robots</i></b></p>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p>
	<p>Reviewed By WSH Committee:</p> <p>Date:</p>