

SAFE WORK PROCEDURES STUMP GRINDER



SPECIAL INSTRUCTIONS:

1. Only those persons who have been instructed in the safe use of and who are authorised to do so are to operate a stump grinding machine.
2. As design and features of machines can vary, persons using these machines must always refer to the operator's manual for specific safety precautions.

Sequence	Identified hazards	Key processes to be followed	Precautions / PPE required
1. General precautions	Flying objects Moving parts	Secure area where machine is to be used against unauthorised entry. Ensure that all shields and guards over moving parts and hot parts of machine are installed correctly and fastened securely before using grinder.	Barricade work area if near public. Do not use machine without all guards fitted.
2. Pre-start checks	Damage to machine Failure of blade Damage to tyres	Check machine for loose, worn or missing parts and fasteners. Inspect cutter wheel for damage or cracks, inspect cutter teeth and bolts. Check that tyres are inflated correctly (350 kPa cold). Check tyres and rims for damage, and for loose or missing wheel nuts. Check fuel, engine oil and hydraulic fluid level, and top up if required.	Do not use faulty equipment. Rectify cutter wheel faults before use. Wear hand protection when handling rough or sharp objects and edges.
3. Preparation for work	Flying objects	Clear area where machine will be used of rocks, loose timber, wire, rubbish, etc, which could be flung up by or be caught in cutter wheel. Ensure that machine is stable and can move freely during grinding process. Start grinding stump only when area is clear of other persons.	Ensure that work area is clear and safe. Identify underground services. Fill holes and remove obstacles. Keep other persons clear of grinder.
4. Operation	Moving machinery Flying objects Noise	Operator must remain at operators position at all times when grinding. Do not allow other persons to enter danger zones when grinder is operating. Do not cut across roots to avoid machine pulling and throwing debris. Machine will generate harmful noise levels while grinding timber. Stop machine before clearing debris away from cutter wheel.	Stop machine before leaving controls. Stop machine if persons enter area. Avoid cutter wheel catching on roots. Wear eye, hearing and foot protection when operating grinder.
5. Transport	Moving parts	Raise and centre cutting wheel before loading machine on to trailer. Prepare machine for loading and transport as specified in operator's manual. Ensure that machine is securely attached to trailer before transporting. Ensure that no loose parts are able to fall off machine or trailer. Load and unload machine on level ground wherever possible.	Follow procedures in operator's manual when loading or transporting. Use tie-down points to secure machine. Do not leave loose items on machine.
6. Cleaning and maintenance	Moving parts Cuts and scratches	Stop engine and disengage drives before working on machine. Wear suitable cut-resistant gloves when handling rough, sharp or hot parts. Ensure that all guards are refitted and secured before returning to service.	Do not touch moving machine parts. Wear hand protection . Do not use grinder unless all guards fitted.

PRECAUTIONS:

The following precautions are to be observed in areas where these procedures are carried out.

