

SOP - Mower - Reach

DO NOT use this plant* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator

This SOP may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process. Additional training may be required for high risk plant/work. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



High visibility clothing must worn



Hearing protection must be worn



Foot protection must be worn



Walk-a-Round

POTENTIAL HAZARDS AND RISKS

- Entanglement**
Entanglement in moving parts
- Shearing**
Body parts sheared between items of plant
- Slip, Trips, Falls**
Slip, trip, fall from entry/exit of plant and slippery plant surfaces
- Other**
Hearing damage from excessive noise
Injury due to operating of plant in unsuitable weather conditions
Injury due to plant malfunction or misuse
- Explosion**
Explosion of gases, vapours or liquids
- Crushing**
Crushing due to plant tipping or rolling over
- Exposure to High Pressure Fluid**
Injury from exposure to high pressure fluids
- Exposure to Dust/Fumes**
Exposure to Dust
Exposure to other emissions released by the plant

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete the appropriate pre-operational plant checklist
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Before commencing operation, ensure that all obstructions (rocks, stones, bottles, tins, wires etc.) are removed from the area
- ✓ Seat belt to be worn

OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Transport only with transport lock securely engaged
- ✓ Watch for ejected material. Ensure no person or animal is endangered when operating plant
- ✓ Be aware for holes in the terrain and other hidden hazards
- ✓ Operate plant up and down the face of slopes (vertically), never across the face (horizontally). Avoid unnecessary turns, travel at reduced speeds.
- ✓ Always watch for bystanders when operating plant. Keep bystanders a safe distance away and stop operation if bystanders come within the work area
- ✓ Be aware of changes in weather that may affect plant operators safety

- ✓ To clear obstructions from cutting unit, disengage mow switch, engage parking brake switch, stop engine, remove key from ignition switch, then remove obstruction
- ✓ The PTO must be disengaged and the reels stationary before the mower reel units are raised
- ✓ Before you clean, adjust or repair this equipment, disengage all drives, lower implements to the ground, engage parking brake switch, stop engine, and remove key from ignition switch to prevent injuries

ENDING OPERATIONS

- ✓ Park plant on a flat and level surface.
- ✓ Engage parking brake switch, stop the engine and remove key from ignition switch
- ✓ Allow plant to cool before performing any maintenance, refuelling or cleaning
- ✓ Refuel plant at least 3 metres from combustibles
- ✓ Ensure plant is in good working order and stored in the appropriate location

BACKLAPPING OPERATION

- ✓ Keep all bystanders away during backlapping operation to avoid possible personal injury
- ✓ Before starting backlapping, adjust each reel 'parallel to its bedknife. Do not tighten the adjusters enough to cause 'firm' contact reel to bedknife, that will result in damage to the backlapping unit
- ✓ The applicator brush must be free of grease or oil

- ✓ When backlapping is completed, use a pressure washer to thoroughly clean all compound from the reels and bedknives. Failure to do so will have a reverse effect, as the wheels rotate in their normal direction, and the blades could be damaged

DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✗ Do not engage the PTO with the mower reels in their raised (transport) position
- ✗ Do not raise the mower reels when the PTO is engaged
- ✗ Do not carry passengers
- ✗ Do not operate the reels unless they are mowing grass. Heat will develop between the bedknife and reel and damage the cutting edge
- ✗ Do not start or stop suddenly on slopes. Reduce speed when making sharp turns. Use caution when changing direction
- ✗ Do not use your hands to clean cutting units. Use a brush to remove grass clippings from blades. Blades are extremely sharp and can cause serious injuries
- ✗ Do not leave plant running unattended
- ✗ Do not leave keys in machinery whilst unattended
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant

***Plant in this SOP refers to any machinery, equipment, appliance, container, implement and tool.**