



### **Safety Precautions**

1. Operate the dethatcher only as instructed.
2. Ensure area is free of debris and loose objects
3. Ensure the use of appropriate personal protection equipment (PPE) such as safety boots, eye and hearing protection, long pants, long sleeves and gloves.
4. Do not refuel while hot. Turn dethatcher off and allow engine to cool prior to refuelling.
5. Keep all body parts, loose clothing, hair and jewellery clear of moving parts.
6. Do not operate in poor light.
7. Do not operate in areas containing or contaminated by rock, concrete or other hard materials as this may cause injury, and/or damage the machine.
8. Do not operate under the influence of alcohol or medication.
9. Do not allow children to operate dethatcher.
10. Establish an exclusion zone around work area.

### **Dethatching instructions (read in full before starting dethatcher)**

Mow the grass about 1/2 to 1 inch lower than you usually cut it prior to dethatching.

Mark out the position of sprinkler heads prior to commencing.

Water the lawn area lightly so that the soil surface is slightly moistened.

Perform pre-operational check (fluid levels, moving parts, controls, linkages, cables, etc).

**Before starting the dethatcher engine, move onto the work area and make sure the height adjustment arm is in the up/back position - this will lift the front of the rake and raise the blades from the ground.**

### **TO START**

1. Turn fuel tap on.
2. Turn Choke on
3. Take up rope play in recoil and then pull swiftly to start
4. Once engine is running, turn choke off



## OPERATION

1. Make sure the front axle is locked in the down position - the front of the machine should be raised so as the tynes are not in contact with the ground.
2. Be sure the engage lever is in the disengaged position.
3. Keep hands and feet clear of tynes at all times.
4. Release the axle lock lever and lower the machine to the ground.
5. Push the engaging lever forward to the engage position. This will start the tynes rotating and will pull the machine forward - if the throttle position is incorrect (revs too low - tynes will dig in but may be stuck in soil, or revs too high - machine will race forward) immediately push down on handlebar - raising the front of the machine and adjust throttle speed to suit operator and soil condition.

When you have completed your first run raise the front of the rake from the ground before turning around and proceeding with your second run, slightly overlapping the first. **Do not attempt to turn machine when blades are in contact with the ground.**

Run the dethatcher over the lawn at a slow and steady pace, working back and forth across the lawn to make sure you uniformly dethatch the entire lawn.

You may need to run the dethatcher over the lawn one or two more times if there is still a distinguishable thatch layer tight against the soil surface.

Ensure you clear the thatch from the first run before proceeding.

Continue this process until you have finished the entire lawn.

For a more thorough finish you can make a second pass at right angles to your first, but you must use a hand rake for this.

Rake up and dispose of or compost the debris loosened during the dethatching process.

## TO STOP

1. Disengage engage lever
2. Move height adjustment arm to up/back position and set Axle lock so tynes are not in contact with the ground
3. Turn fuel tap off.
4. Depress STOP button

