

# Tractor Broom - Instructions for Use

## REQUIRED SAFETY EQUIPMENT



Hearing Protection



Hand Protection



Foot Protection

## SAFETY FIRST

If you are collecting the equipment for someone else please make sure this sheet is given to the equipment user to read. This sheet should be given to the site supervisor if the equipment is being hired for commercial use so that the information is available to all users.

**Before starting any job, be sure to spend a few minutes planning and understanding the hazards and risks of the job. Do this by:**

- Thinking about and observing your surroundings
- Running through the steps of the job in your mind
- Identifying the hazards, how you can get hurt and how you'll prevent it
- Knowing what plant and equipment you need
- Only starting when you can do the job safely
- Ensuring you are trained or experienced for the task
- Communicating with everyone involved

**Points to consider when planning a task. Can you:**

- Come into contact with an energy source (e.g. heat, electricity, substance under pressure) or hazardous materials
- Be struck-by or against anything?
- Be caught-in, on or between anything?
- Slip, trip or fall on the same or too a lower level
- Strain or sprain a muscle?
- Cause damage to plant equipment or property?
- Spill or pollute something?



### Pre-Start Checks and Safety

- Check fuel tank is full (diesel)
- Check engine and hydraulic oil levels and water level
- Check all grease points are well lubricated
- Familiarise yourself with all controls etc.
- Always wear seat belt if fitted
- Check broom is free of debris. Check dust suppression tank is full if fitted
- Check the worksite before commencing work for underground and overhead services
- Do not let inexperienced people operate machine
- Keep people away from work site
- Never allow passengers to ride on machine
- Never leave machine running while unattended and apply park brake when not in use
- The machine should be used with caution and respect, because misuse or carelessness may result in serious injury or damage to equipment and property
- Use extreme caution when loading and unloading machine on and off trailers

### Starting procedure

1. Always remain seated while operating
2. Check park brake is engaged, using foot brake and lock lever
3. Check the PTO drive selector is in the neutral position
4. Move throttle lever to approx. half throttle
5. Turn ignition key to the glow position and hold for approx. 5 seconds
6. Turn key to start engine
7. Check warning lamps and gauges for abnormal readings
8. Return throttle to idle position and allow engine to warm up for approx. 5 minutes

### When Operating

- Check ground stability and gradient
- Always use within rated specifications
- Operators must be licensed when on the road
- Open throttle and release park brake by operating foot brake
- Select correct transmission ratio for required job. Sweep in low or medium range only
- Use joystick to position broom. Only use float mode for very undulating surfaces to prevent excessive broom wear.
- Engage PTO for broom operation
- Run tractor at 80-100% throttle to ensure efficient operation

### Stopping and After Use

- Disengage PTO drive
- Park machine in a safe place and apply park brake, using foot brake and lock lever
- Lower broom to ground level
- Return throttle lever to idle and allow engine to run down for approx. 2 minutes
- Turn ignition key off