

1. Flail drive lever
2. Wheel drive lever
3. Ignition switch
4. Recoil start handle
5. Throttle lever
6. Choke lever
7. Fuel tap
8. Height adjust bolts

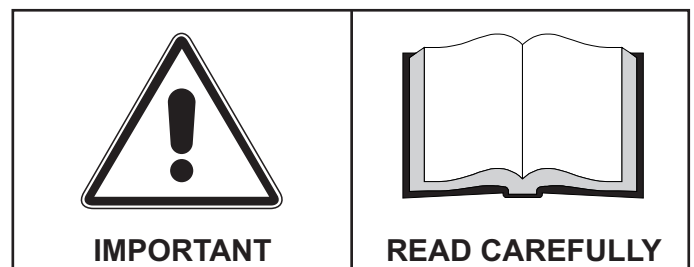
**OPERATING
INSTRUCTIONS
&
SAFETY NOTES**

Stella

SM50

Flail Mower

VIBRATION & SOUND LEVELS		
Machine	Vibration m/sec ² 3 Axis	Sound Level dB(A)
SM50 Flail Mower	2.31	up to 102.0



**WEAR EAR
PROTECTION**



**WEAR EYE
PROTECTION**



**WEAR SAFETY
FOOTWEAR**

SAFETY

- ALWAYS** start the engine in the open air
- DO NOT** smoke when refuelling
- DO NOT** mix OIL with the fuel
- ALWAYS** stop the engine before making any adjustments, refuelling, moving or cleaning, or when the unit is unattended
- USE ONLY** unleaded petrol from fuel containers designed for this purpose - refuel outdoors only and replace the tank cap securely
- IN CASE** of petrol spillage move the machines away from the area of spillage and allow the petrol vapours to dissipate before starting the engine
- DO NOT** remove any safety guards that are fitted
- DO NOT** touch any moving parts or attempt any maintenance whilst the machine is running - **KEEP HANDS AND FEET AWAY**
- BEFORE** starting work clear the work area of any objects that could damage the machine
- DO NOT** allow children or anyone uninstructed to operate the machine - **KEEP ANIMALS AWAY**
- ENSURE** nobody is in front of the machine during operation
- DO NOT** use on slopes or banks of more than 20°
- ALWAYS** wear suitable clothing to give personal protection including footwear that offers a good grip
- AVOID** wearing loose garments that may catch in moving parts
- KNOW** how to stop the machine in an emergency
- NEVER** interfere with any control settings on the engine
- IF A FAULT** develops **DO NOT** attempt any repair - immediately contact the supplier from whom the machine was obtained
- VISUALLY INSPECT** the machine before use - ensure all flails, nuts and bolts are tight and not worn or damaged
- KEEP IN MIND** the operator is responsible for accidents or hazards occurring to people or property
- STOP** the machine immediately if any abnormal vibration occurs
- WEAR** eye and ear protection

TO START THE ENGINE

- Using the dipstick provided, check the engine oil level. Top up with 10w/40 oil if necessary.
- Check fuel level. Only use unleaded petrol from a clean container. Never re-fuel when the engine is hot or running. Leave 1" air space in the fuel tank.
- Set ignition switch to 'on' position (3).
- Set the throttle control on the engine to ½ way position (5).
- Turn on the fuel tap (7).
- If the engine is cold set the choke lever to 'on' position (6).
- Pull the recoil start handle (4) gently until it engages then give it a good strong pull to start the engine.
- Let the engine warm up and slowly pull back the throttle to idle position.
- When the engine has started, release the choke lever after a few seconds and return the throttle lever to idle position.

OPERATION

- Before starting work clear the area of any objects, such as stones or sticks, that would damage the flail mower or be thrown out at dangerously high speeds by the rotating flails.
- The cutting height can be altered by removing the front wheel mounting bolts (8) and repositioning the wheels in a higher or lower hole in the chassis.
- Start the engine and move the engine throttle lever to full speed (5).
- Commence mowing by pressing down the flail drive lever on the right-hand handlebar then pressing down on the wheel drive lever on the left-hand handlebar (2). The machine will move at a steady walking pace.
- DO NOT** allow the machine to become overloaded.
- In heavy conditions release the wheel drive lever if the engine speed starts to slow down. Allow the engine speed to increase back to maximum before applying the wheel drive again.
- NEVER** attempt to start the flail drive with the machine standing in long uncut vegetation.
- If the mower should strike a stone or similar object, release both the wheel and flail drive levers and stop the engine. Ensure the flails have come to a halt, remove the spark plug cap and inspect the mower for damage.

TO STOP ENGINE

- Release the wheel and flail drive levers.
- Set the ignition switch to 'off' position.
- Turn the fuel tap to 'off' position.
- WARNING: THE EXHAUST COVER MAY BE HOT - DO NOT TOUCH**

MAINTENANCE GUIDE

- For engine maintenance please refer to engine manufacturers manual.
- After every hour of operation stop the engine.
- Remove the spark plug cap.
- Check engine oil level (recommended oil SAE 10w/40). If necessary top up the engine oil - ensure the machine is on level ground and the oil level on the dipstick is between MAX and MIN marks.
- Check the fuel level.
- Do not overfill the fuel tank, allow at least 1" air space under filler cap.
- Visually check the machine for any damage.
- Clean the machine with a handbrush only.
- DO NOT** pressure wash the machine.
- Check the condition of the flails and change any that are damaged.
- Keep the engine cooling fins clean.