

Sweep mode/hydrostatic drive

Engine running and air tanks full.

- Vehicle stopped and in Neutral gear. Hand brake ON. (L1) Neutral. (L2) OFF.
 - Clutch de-pressed. Sweep Mode switch ON (Main Panel). Engine speed will change to default rpm. The symbol will change to the on the LCD screen.
- i** If the symbol flashes and a buzzer sound's, press the Sweep Mode switch and release the clutch. Drive the vehicle slightly forward and repeat steps 1 and 2.
- Engage top gear, slowly release clutch.
 - Select required sweeping equipment (Main Panel). Fan ON. (L2) ON.
 - Select Forward (L1).
 - Handbrake OFF. Slowly press accelerator to required speed.
- i** When required to travel faster, pressing the accelerator further will increase vehicle to Maximum Hydrostatic drive speed.
- To reverse, select REVERSE (L1), and press the throttle.
- i** Vehicle movement is controlled, by means of the accelerator and brake pedal, similar to a vehicle fitted with automatic transmission.
- i** All sweeping gear is stopped and raised automatically when REVERSE is selected. Sweeping equipment will re-engage, when forward is selected.

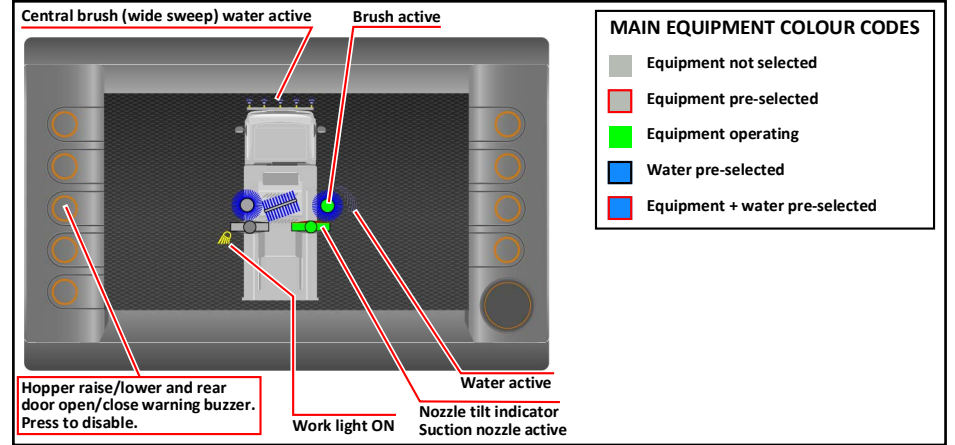
Warning: Never press the brake and accelerator pedals at the same time.

Cruise control (only in Sweep Mode)

- With vehicle at the desired speed, select Cruise Control. Can be over-riden by the accelerator pedal, and is cancelled by using the foot brake or by pressing the switch.
- i** When sweeping with a full load or up-hill, engine rpm may need to be increased.

Reverting to normal drive mode

- Vehicle stopped, Hand brake ON. Neutral (L1), and (L2) OFF. Fan OFF.
 - Clutch de-pressed. Vehicle Neutral engaged. Press the Sweep Mode switch. The symbol will change to the on the LCD screen.
- i** If the symbol flashes and a buzzer sound's, press the Sweep Mode switch and release the clutch. Drive the vehicle slightly forward and repeat steps 1 and 2.
- Clutch released. The vehicle can now be driven conventionally using the gearbox.



i This document is designed as a quick reference guide, to allow the operator to drive the vehicle in Normal or Hydrostatic Mode and operate the basic controls. It does not constitute the full operating instructions.

Please refer to reverse for important health and safety advice.

⚠ WARNING

NEVER OPERATE A FAULTY MACHINE AS THIS MAY RESULT IN SERIOUS INJURY OR DEATH.

- 1 Only trained operatives should be allowed to drive or work on this machine.
- 2 Never work under as raised hopper or rear door without the appropriate safety prop in position.
- 3 Do not drive the vehicle with the hopper raised. The red warning symbol on the LCD monitor remains illuminated until the hopper is in the fully lowered position.
- 4 Before working on the vehicle ensure that it is on firm, level ground, apply the hand brake, stop the engine and remove the ignition key.
- 5 Before raising the hopper or opening the rear door, ensure that there is sufficient clearance and it is safe to do so.
- 6 Before starting the engine, ensure that all controls are switched off and the vehicle's gearbox and hydrostatic drive are in neutral.
- 7 Before driving the vehicle, ensure that all vehicle checks have been carried out and that all equipment is stowed and brush(es) are raised.
- 8 Do not overload hopper.
- 9 High pressure water can be dangerous, always wear suitable eye protection when operating the high pressure water pump with the lance. Do not direct the water jet at other persons. Beware of electrical installations on public buildings and lamp posts etc. and always exercise extreme caution in public places.
- 10 The suction fan is an extremely heavy rotating mass. Vibrations coming from the suction fan must be investigated, the cause determined and rectified immediately.
- 11 When working on the suction fan. Never attempt to slow or stop the fan by using the hands or by inserting any item into the fan chamber, even at low speeds. Failure to comply can result in serious injury.
- 12 When operating the machine in any mode always be aware of objects and people in the immediate vicinity, especially at the rear of the machine when reversing.
- 13 Whatever the situation, remember that the rules of traffic and road safety must be observed.
- 14 While operating this machine the safety and well-being of other people are the sole responsibility of the operator.

⚠ CAUTION

- 1 If the suction fan vibrates, it should be cleaned immediately (Refer to the Operator Handbook). Prolonged vibration will result in damage to the fan, bearings and, in extreme cases, the hopper.
- 2 In the event of a hydraulic leak, stop the engine and investigate.
- 3 The high and low pressure water pumps must never be permitted to run dry otherwise the seals in the pump will be damaged.
- 4 Do not direct the high pressure jet at paintwork or electrical connections on the vehicle.

i ROUTINE DAILY MAINTENANCE

- 1 Check the vehicle's general condition (Including:- Tyres, lights and all fluid levels) in accordance with the chassis manufacturers recommendations.
- 2 Check hydraulic oil level. **Note:** - If the oil level is not maintained, the sweeping panel will automatically shut down until the oil level is correct.
- 3 Check the condition of the brushes and remove any items such as string that maybe entangled.
- 4 Check the ground clearance of suction rubber flaps, 20mm front, 15mm sides and rear, suction power can be lost if clearances are incorrect but it is possible to slightly vary these to better suit specific sweeping conditions according to the operator's experience.
- 5 Check water spray jets for blockages.
- 6 Clean the oil cooler and check that the cooling fan functions. **Note:** - If fitted, a red warning light and buzzer will operate when the maximum temperature is reached.
- 7 Wash the vehicle, ensure that the suction fan and hopper screen are cleaned.
- 8 Lubricate brush links, pivot points and wide sweep bearings.
- 9 Remove and clean water strainer elements.
- 10 Always leave the vehicle with rear door slightly open to allow water to drain out.
- 11 In frosty weather, drain water pumps and tanks, remove water strainer elements, turn on all water sprays.

i Hydraulic oil: HPL 32 or an equivalent.

Auto ratchet hopper safety prop

Ensure the prop is correctly positioned within the ratchet rack.



Rear door safety prop

When inserting the door prop, ensure it is correctly positioned in the locating slot.

