



Important steps to follow when operating the 6120 Oxbo Grape Harvester.

- Follow the safety instructions
- Read the operator manual
- Be prepared for emergencies
- Wear protective clothing
- Keep the machine clean
- Grease the machine daily
- Check all the oil levels regularly

OPERATION

1. Unreasonable operation (operating on dangerous terrain, operating beyond the intended use of the harvester, etc.) must be avoided as it may cause personal injury or damage to the machine.
2. Before operating the harvester, adjust the seat and steering wheel so you are comfortable.
3. When operating the transmission lever, use slow, smooth movements. This is very important while operating the machine in the higher ranges as jerking the lever may cause personal injury or damage to the machine.
4. Keep all safety covers, guards, shields, and warning labels in place.
5. Slow the machine down when rough terrain appears imminent or when turning.
6. Keep people away from the machine during operation.
7. Idle the engine for two minutes before shutting down the motor. Failure to properly cool the engine down could cause it to overheat.
8. When walking on the decks of the machine, note that it could be slippery when wet.
9. Always use the ladder provided for accessing the cab or work platforms. Never jump from deck to deck or to the ground as debris and or water could make the landing slippery. Also, keep hands away from any moving parts such as the engine, cooling fans, implement conveyors, bucket lines and or cleaner fans.

10. Be alert to the width of the machine. Be aware of objects protruding onto the road such as mailboxes, power poles, etc. Obey all oversized load rules. Know that the over-the-row-conveyor motor could protrude from the machine. Range 3 of the transmission should be used exclusively while traveling on smooth, flat paved roads. Use range 3 only during reasonable conditions. If at any time conditions appear questionable, use a lower range.
11. **IMPORTANT: TO PREVENT DAMAGE TO THE HARVESTER, DO NOT SET PARKING BRAKE WHILE HARVESTER IS MOVING.**
12. The smooth operation of the transmission is paramount. Reduce speed when turning.
13. **CAUTION: WHEN TRAVELING ON PUBLIC ROADS, ONLY THE DRIVER IS ALLOWED TO RIDE ON THE HARVESTER.**
14. Make sure the Auto Height feature is turned OFF when traveling in range 3. (This should happen automatically.)
15. Keep the unit as low to the ground as practical when operating the machine in high range. This safely lowers the center of gravity. Use the height indicators to adjust to desired height.
16. Use the four way flashing lights when traveling down the road at any time. Never travel down a public road at night.

PRE-STARTING CHECKS

Before starting the engine each day perform the following checks and service:

WARNING: ENGINE EXHAUST FUMES COULD CAUSE SICKNESS OR DEATH. IF IT IS NECESSARY TO RUN AN ENGINE IN AN ENCLOSED AREA, REMOVE THE EXHAUST FUMES FROM THE AREA WITH AN EXHAUST PIPE EXTENSION.

1. Check fuel supply. When refuelling, use only clean number two diesel fuel. Fill the fuel tank before it becomes empty.
2. Check the oil level in the engine crankcase and hydraulic system. Add the proper oil as necessary. It is recommended to use John Deere Torq-Gard Supreme Plus 50 or equivalent in the engine and Mobil-fluid 424 in the hydraulic system (Oxbo P/N 88000) or optional food grade oil (Oxbo P/N KH7510).
3. Check the radiator coolant level and correct if necessary. This will insure proper protection in both a warm and cold environment, as well as provide for electrolysis protection of the engine. The radiator fill cap is located on top of the radiator.
4. Visually inspect the air inlet screen, radiator, and CAC for contamination. Remove any lint or debris buildup from the cooling fins. The radiator/CAC is located in a compartment on the right side of the harvester.
5. Visually inspect the hydraulic oil cooler for contamination. Remove any lint or debris buildup from the cooling fins. The hydraulic oil cooler is located in the compartment on

the left side of the harvester.

6. The air cleaner must be free of obstructions and excessive dirt. The air cleaner is located on the right side of the harvester above the radiator. The pre-cleaner is located above the air filter and inside the picking tunnel. Open the air filter door to access the air filter and service the pumps. Remove the air cleaner canister end and then remove the air filter. The pre-cleaner is located above the air filter. The pre-cleaner is self-cleaning and does not require cleaning on a regular basis.
7. Grease the harvester as outlined in the maintenance section of this manual.
8. Check the lights and flashers for proper operation.

TIRES

1. Check tires daily for damage or noticeably low air pressure. At every 100 hours of operation check tire pressure.
2. Proper inflation pressure for the front tires is 30 to 35 psi (207 kPa to 241 kPa).
3. Proper inflation pressure for the rear tires is 40 psi (276 kPa).
4. Note: higher tire pressure increases compaction done by the harvester.
5. Note: additional traction may be obtained by lowering the tire pressure.

CHECK WHILE OPERATING

Pay attention to the operation of the harvester while operating the machine. If trouble is detected, stop the harvester and engine to diagnose the problem. Most engine functions can be monitored using the Engine Information Display in the cab.

ENGINE TEMPERATURE

Do not place the engine under full load until it is properly warmed up. The normal engine coolant temperature range is 180° F to 202° F (82° C to 94° C). If coolant temperature exceeds 225° F (107° C), the engine must be stopped (after a 60 second idle period) until the cause of the over-heating is corrected. The engine is equipped with an electric automatic shutdown mechanism that stops the engine if coolant temperature reaches 230° F (110° C). If automatic shutdown is activated, it may take up to 30 minutes to cool and reset.

Take Note:

These guidelines do not replace this specific product's owner's manual. It is compiled to be used as a quick reference guide.

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