35-Euro 5 Series Tracked Conveyor Basic Operation Instructions



This product is designed for use in temperatures ranging from -15℃ to 35℃. Before use, please replace all lubricating oil and coolant in your vehicle according to the local ambient temperature. You must carefully read the instructions before using this product. You are solely responsible for any accidents or losses caused by improper use or operation.

I. Basic Operation Functions



1. **Steering wheel** – controls left and right steering; sharp turns are prohibited at high speeds, otherwise it may damage the steering system inside the vehicle or cause the vehicle to overturn.
2. **Clutch Pedal** – When shifting gears or engaging/disengaging the clutch in the rear work box, the clutch pedal must be depressed. Do not leave the clutch in a semi-engaged state for extended periods during operation, as this will damage the clutch.
3. **Gear lever** – three forward gears and one reverse gear. If the gear lever is difficult to move, do not force it. This may be due to disengagement of gears inside the transmission, requiring multiple depressing of the clutch pedal.
4. **High/low speed lever for travel** -- When in working condition, please switch to low speed mode.
5. **Constant speed throttle** – During operation, the constant speed throttle can be adjusted to the required position so that the machine works at a fixed speed; when shutting down, it should be adjusted to the minimum.
6. **Accelerator pedal** -- The accelerator pedal needs to be pressed to start the engine, and it can be released to turn off the engine.
7. **Working box clutch lever** -- for disengaging and engaging the rear working box; the clutch must be depressed during operation, otherwise the gears will be damaged.
8. **Main power switch** -- Press the knob indicator to turn on the power switch before powering on; be sure to turn off the power after use, otherwise it will cause current loss and lead to battery depletion.
9. **Control lever** – for lifting and lowering the rear work box and other functions.
10. **Forward/Reverse Switch of the Working Box** -- Move the switch plug to the middle socket for neutral, to the left socket for forward rotation, and to the right socket for reverse rotation.

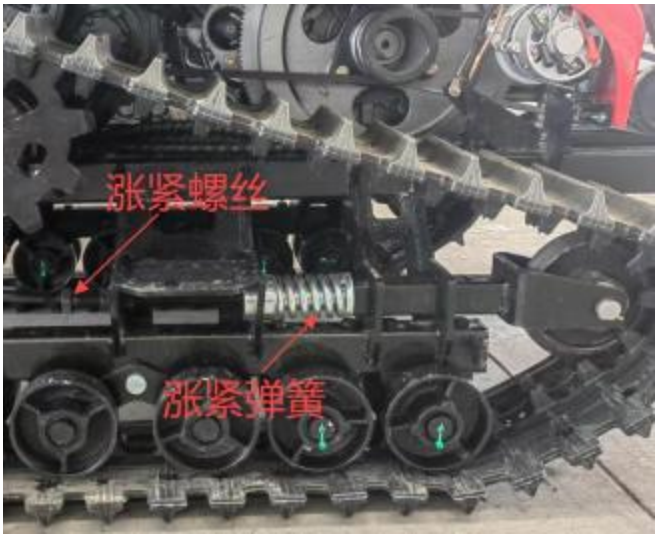
II. Control Panel



1. **Start the ignition switch** – turn clockwise one position for the power switch, and clockwise two positions for the start switch. Before starting the machine, depress the throttle and pull the depressurization cable to hold it in place. Then, turn clockwise two positions to start the starter motor. Once the motor is running normally, release the depressurization cable and return it to its original position. Release the ignition switch after the machine starts. Note: Do not start the machine without pulling the depressurization cable or attempt to start it for an extended period. The starting time should not exceed 5 seconds, otherwise it may damage the starter motor and wiring or cause battery failure.
2. **Pressure reducing cable** – reduces motor starting resistance and assists in starting the battery.
3. **Water temperature gauge** – monitors engine water temperature. Do not operate the engine if the water temperature is too high, otherwise it will damage the engine.
4. **Oil gauge** – monitors oil pressure; if the oil pressure is too low, check and replenish it promptly.
5. **Ammeter** – Generator charging indicator; if the ammeter pointer does not respond after the machine is started, check if the ammeter/generator/regulator and fuse are faulty. Charging failure may cause the battery to run out of power and prevent the machine from starting normally.
6. **Timer** – Records machine operating time and enables timely machine maintenance based on operating hours.
7. **Turn signal switch**
8. **Headlight switch**
9. **Preheat switch** – Preheats the engine before starting. In winter or cold weather, preheat the engine for 3-5 seconds before starting. Note that each preheating time should not exceed 10 second

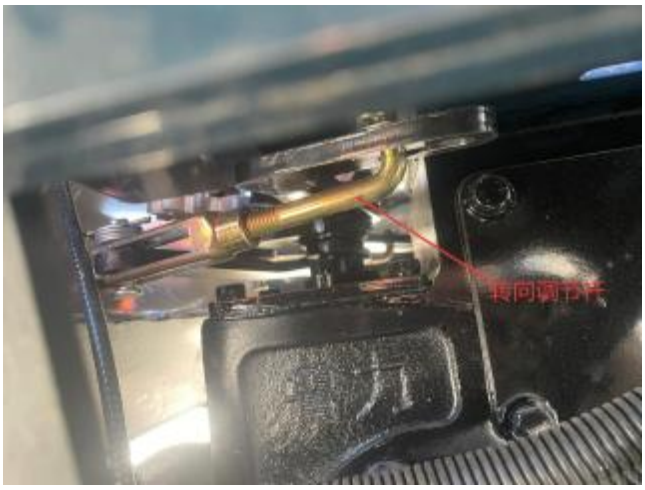
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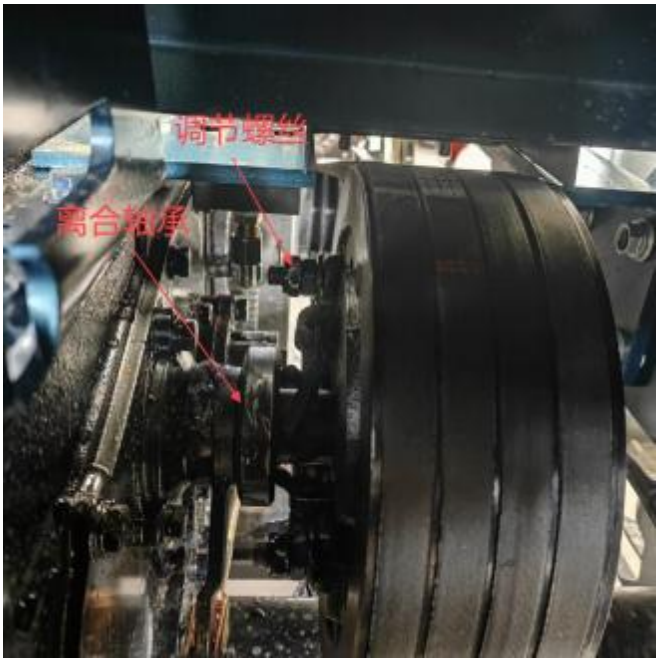


1. Track Tensioning – If the tracks become loose during daily use, adjust them promptly. Use a wrench to tighten the track tension screws until the tracks can be stepped on and have a springy feel. Tracks that are too loose will cause dislocation during operation, while tracks that are too tight will damage the internal structure.

The springs act as a buffer to protect the tracks; never compress the springs completely when adjusting the tracks.



2. Steering Adjustment - If the steering is not sensitive during use, the steering adjustment lever can be adjusted to shorten it. Adjust the left side to turn left and the right side to turn right.



3. Clutch Adjustment – If the clutch travel is too large or the clutch does not disengage during use, adjust the clutch adjustment screws. Tighten the three screws sequentially, being careful not to overtighten. The clutch bearing must be able to be turned by hand; otherwise, it will be damaged. The junction between the clutch bearing and the gearbox needs to be regularly lubricated with grease.



4. Gearbox belt adjustment - If the vehicle is not moving smoothly during operation, check if the gearbox belt is too loose and adjust the tension if necessary.



5. Belt Adjustment for the Work Box – If the belt slips during operation of the implement, the tension belt in the work box needs to be adjusted promptly.

First, loosen the locking screws on both sides. Then, tighten the adjusting screw, focusing on adjusting the left screw. Loosen the right screw as needed. After the belt is tightened, lock the left adjusting screw. Adjust the right screw until the implement is level and then lock it.



6. Transmission Belt Adjustment – When the alternator and transmission belts are too loose or need replacement, the transmission bolts need to be tightened. Tightening the belt is achieved by pushing the bolts to the top.

Note that the rear work box belt needs to be loosened when adjusting the transmission.



7. Air Filter – Regularly check, clean, or replace the air filter depending on the operating environment. Excessive dust can clog the air intake, causing engine power loss or damage.

8. Engine Oil – Change the engine oil after the first 50-100 hours of use. Afterward, change the engine oil and oil filter regularly according to the engine's instruction manual.

9. Radiator – The radiator already contains antifreeze. Change the antifreeze after the first 50-100 hours of use. Afterward, change it every 800 hours. Regularly check the antifreeze level and top it up as needed.



10. Diesel Pump – If starting is difficult, there may be air in the diesel fuel system. Manually press the fuel pump and loosen the bleed screw to purge the air. Replace the diesel filter promptly according to the engine's instruction manual.

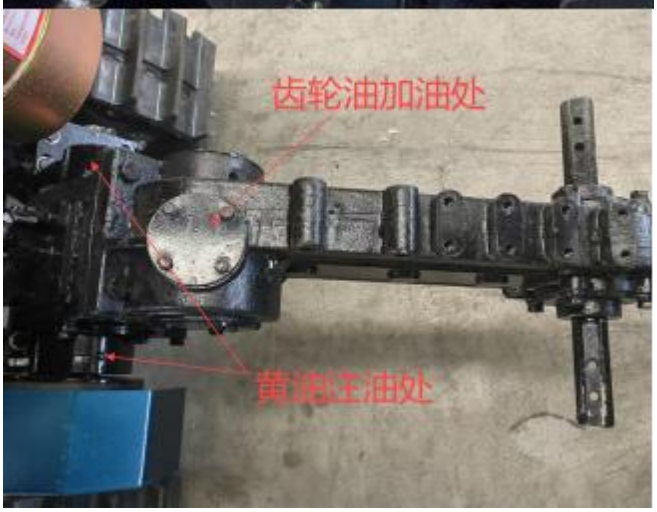


11. Fuse Box – If a circuit problem occurs during use, first check if the fuse is blown and replace it promptly.

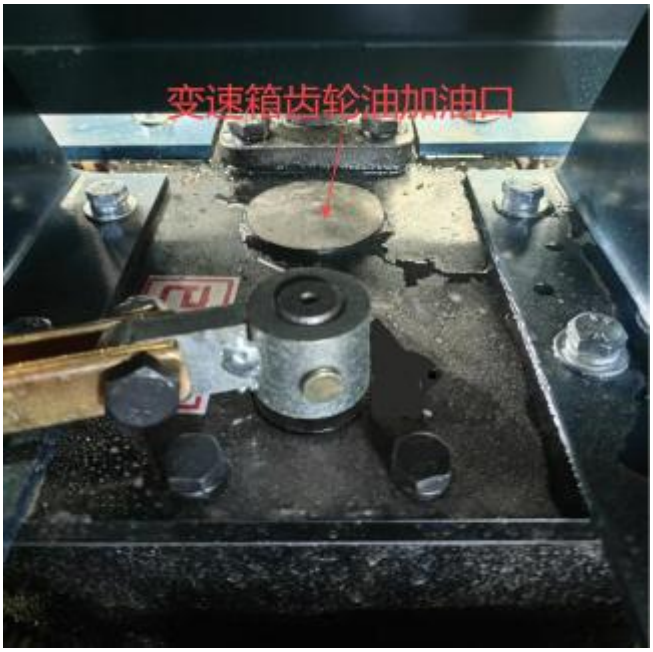
12. Regulator – The regulator light illuminates when the power is on. If there is a problem, replace it immediately; otherwise, the generator will not charge, causing the battery to drain.

13. Turn Signal Flasher – Turn signal flasher.

14. Diesel Filler Cap



15. Gearbox – The gearbox should be lubricated with 2.5 kg of oil each time. If the gearbox needs to be replaced or disassembled, gear oil must be added after the gearbox is replaced. Failure to add gear oil will result in damage to the gearbox.
The gear oil in the gearbox should be changed after the first 50-100 hours of operation, and then checked and changed every 1000 hours of operation or every six months thereafter.
The gearbox's rotating shafts need to be checked and greased frequently.



16. Transmission – The transmission fluid filler cap is located under the seat, and the drain plug is located at the bottom of the transmission. Add approximately 7.5 kg of gear oil; overfilling will cause overflow during operation. Change the gear oil after the first 50-100 hours of operation, and then check and change it every 1000 hours of operation or every six months thereafter.



17. Hydraulic Oil – For normal temperature environments, please use 46# anti-wear fluid. Fill the hydraulic oil tank to 2/3 full. Change the hydraulic oil after the first 50-100 hours of use, and thereafter every 1000 hours of operation or every six months.

Adjust the hydraulic oil type according to local temperature conditions. Use 32# or lower for low temperatures and 64# or higher for high temperatures.

18. Other Maintenance – Due to vibrations during use, some screws may loosen. Regularly check and maintain the fixing screws of all components. Pay special attention to checking the fixing screws of the engine/pulleys/gearbox/work box and all wheels, and tighten them promptly to prevent accidents during operation.

The V-belts of the gearbox and work box are wear parts. If slippage is observed during operation, adjust the tension or replace the V-belt immediately.

If you have any questions or uncertainties during machine use, please contact relevant personnel for assistance and guidance. Do not attempt to resolve the issue yourself.

Technical parameters:

Overall dimensions (LWH mm): 2600 * 1100 * 1250 (excluding bulldozer blade)

Engine parameters (Power/RPM): 18.4kW /2200rpm

Starting method: Electric start

Operating weight (bare machine): 800kg

Ground clearance: 220mm

Track gauge: 750mm

Track contact length: 950mm

Track width: 180mm

Max travel speed: 20km/h

Transmission gears: Forward 6-speed / Reverse 2-speed

Steering operation: Steering wheel with gear transmission

Hydraulic system displacement: 10ml/r

Rear output type: Gearbox type

Thank you for your recognition and support of this product. Please contact us promptly with any comments or suggestions; we will be happy to serve you!