

Canycom SC75 Track Dumper Safety

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Safety

Preparation

- Fuel is highly flammable. See Checking and Filling Fuel, page 14, for important safety information on handling fuel.

⚠ WARNING!

- Always wear protective footwear, long trousers, hardhat, safety glasses and ear protection when operating or servicing the machine. Proper clothing will minimize the chance of injury. Do not operate the equipment if you have long hair, loose clothing, or jewelry; all of which may get tangled in moving parts. Do not operate the machine barefoot or with open sandals.
- Prepare beforehand the working rules and procedures such as signaling and traffic control for the work place. Following such rules will reduce the risk of accidents.
- Never handle fuel or grease, service the engine, or recharge the battery in the presence of fire or spark.
- Perform the daily pre-startup inspection (see Maintenance Schedule, page29) before starting the machine. Repair or replace damaged parts before starting the machine.

Operation

This machine is intended for carrying liquid concrete, sand and dirt. Carrying other materials may damage the machine. Avoid carrying hot materials. That will damage the machine.

The stability of the machine is affected by the speed, rate of steering, terrain and the load. Always pay close attention to these factors or a loss of control or tip over could occur, resulting in property damage, serious injury or death.

General Driving

- Do not operate the engine in a confined space where dangerous carbon monoxide fumes can accumulate.

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- Do not touch the engine, muffler or exhaust pipe while the engine is running or soon after it has stopped. These areas will be very hot and can cause burns.

- Do not operate the machine under the influence of alcohol or drugs.
- Always check for obstacles before operating on new terrain.
 - Before starting the engine and moving the machine, be sure all persons are a safe distance away from the machine. Sound the horn to warn bystanders.
 - Always hold the guide rail with one hand to keep your posture when the machine is moving.
 - On a slippery surface, travel slowly and exercise caution to reduce the chance of skidding or sliding out of control. Never operate on ice.
 - Always make certain that there is no obstacle or a person behind the machine when backing up. After confirming that it is safe to back up, move slowly and avoid sharp turns.
 - To reduce the risk of tip over, pay special attention when encountering an obstacle or a slope, or when braking on a slope or during a turn. See Driving on a Slope on the next page.
- Never attempt to drive over a large obstacle such as rock or fallen tree.
 - Always travel slowly and use extra caution when operating on unfamiliar terrain. Be alert when traveling on changing terrain.
 - Never operate on terrain that you are not comfortable with. Avoid terrain that is so rough, slippery or loose that you feel like you could tip over.
- Do not operate the machine near the edge of a cliff, an overhang or a slide area.
 - Do not make sudden maneuvers. A sudden start, stop, or turn can make the machine lose control and could cause a tip over. Be especially cautious when traveling on soft or wet ground.
- Drive at a safe speed, taking into account the surface gradient, surface conditions and load.
 - Use an observer to help direct the machine when the visibility is poor, terrain is rugged or hilly, or maneuvering room is limited. The observer should be able to see the machine and its immediate surroundings, and should give pre-arranged signals to direct the operator.

WARNING – Never use on slope greater than 20 degrees

Driving on a Slope

- Never use on a slope steeper than 20 degrees.
- Driving on a slope can be dangerous. It can result in a tip over and cause serious injury or death. Take the following precautions.
- Always follow proper procedures for driving on a slope as described in this manual.
- Driving on a slope in a wrong manner can cause a loss of control or a vehicle tip over. Check the terrain carefully before attempting to drive on a slope.
- Never drive on a slope that you are not comfortable with. Avoid a slope that is so rough, slippery, or loose that you feel like you could tip over.
- When driving up a slope, proceed at a steady rate of speed and throttle position.
- Never move the throttle lever or the control stick suddenly.
- Drive straight up or down a slope. Avoid turning on a slope.
- If the engine stalls or loses traction during a climb and cannot make it to the top of the slope, do not try to turn the machine around. Carefully back down slowly, straight down the slope.
- When going over the top of a slope, go slow; an obstacle, a sharp drop, or another vehicle or person could be on the other side of the crest.
- Avoid driving the machine across a slope.
- Without a load, drive the machine backwards up a slope (operator's step uphill) when climbing, and drive it forward when going down a slope.
- With a load, drive the machine forward up a slope (operator's step downhill) when climbing, and drive it backwards when going down a slope. Be especially cautious when operating on a slope with a load.
- When driving down a slope, use the control stick so that the machine travels down at the minimum speed. Use the engine speed to help keep the machine speed low.

Loading and Driving with a Load

- The maximum payload for this machine is 750 kg. Do not exceed this maximum payload under any circumstance.
- Do not operate on a slope steeper than 20 degrees when carrying a load. Do not carry more than 375 kg when operating on a slope between 15 and 20 degrees. Keep in mind that liquid concrete will shift in the bucket and hence its center of gravity also shifts, affecting the stability of the machine.
- Load cargo in the bucket so the weight is evenly distributed. Keep in mind that liquid concrete will shift in the bucket and hence its center of gravity also shifts.

- When carrying a load, drive at a reduced speed. Allow a greater distance for braking.
- Before crossing a bridge or an overpass, make certain that the total combined weight of the machine, the load and the driver is within the stated weight limit for the bridge or the overpass. Then, proceed carefully and at a constant speed.

Dumping / Turning

When turning the bucket and dumping material from the bucket, take the following precautions.

- Always follow the proper procedures for dumping or turning as described in this manual.
- Only operate the bucket with the engine running.
- Perform the dump operation on a flat, level and stable surface whenever possible. Raising or lowering the bucket on a slope or rough terrain could result in a tip over.
- Pay special care when dumping with the bucket turned to a side. Be tentative when raising the bucket which is turned to a side.
- Make certain that all persons are at a safe distance away from the machine when raising, lowering, or turning the bucket.
- Do not move the machine or leave it unattended with the bucket in the raised position.
- Engage the bucket safety prop if you must place any part of your body under the bucket in the raised position.

Parking

- Park the machine on a flat, level and stable surface. Never park on a slope steeper than 15 degrees. Avoid parking on a slope less than 15 degrees. If parking on a slope less than 15 degrees is unavoidable, turn the bucket straight, apply the parking brake and block the tracks at the lower end of the machine.
- Without a load, park the machine with the operator's step toward the uphill
- With a load, park the machine with the operator's step toward the downhill
- Do not park sideways on a slope.
- Observe all the previous precautions for driving, driving on a slope, loading and driving with a load, dumping, and turning.
 - Whenever you park the machine, apply the parking brake and stop the engine. Remove the key whenever you leave the machine unattended to prevent unauthorized use or accidental starting.
 - Gasoline is extremely flammable and can be explosive. When parking the machine indoors, make certain that the building is well ventilated and that the machine is not close to any source of flame or spark, including appliances with pilot lights.
 - Perform the dump operation on a flat, level and stable surface whenever possible. Raising or lowering the bucket on a slope or rough terrain could result in a tip over.

- Pay special care when dumping with the bucket turned to a side. Be tentative when raising the bucket which is turned to a side.
- Make certain that all persons are at a safe distance away from the machine when raising, lowering, or turning the bucket.
- Do not move the machine or leave it unattended with the bucket in the raised position.
- Engage the bucket safety prop if you must place any part of your body under the bucket in the raised position.