For guidance on managing construction health risks go to
www.hse.gov.uk/construction

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1913 Safety Guidance
Diesel v:032024

WALK BEHIND HI-TIP TRACKED DUMPSTER

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read the entire leaflet BEFORE using the TRACKED HI-TIP DUMPER.

It is also important to observe all safety advisory labels and markings on the equipment prior to operating.

WARNING: An unbalanced machine could overturn and cause injury or death. Make sure to follow the manufacturer's recommendations regarding load capacities and safe operation on slopes.

ADDITIONAL CAUTION must be taken when operating on uneven or sloping ground. Make sure to follow the manufacturer's recommendations regarding stability on such terrain.

1. Plan work and think ahead to ensure work will always be carried out safely.
2. Petroleum is flammable. Take care not to cause a fire or explosion.
3. The TRACKED HI-TIP DUMPER is designed to transport its bucket loaded with construction material such as hardcore and sand over short distances, usually within a building site. Its bucket can also be hand loaded with bags of cement, bricks, or similar items.
4. Ensure that the machine's RATED LOAD CAPACITY is not exceeded, and loads are levelled in accordance with manufacturer's guidance.
5. The TRACKED HI-TIP DUMPER can cause injury or damage if not used in a careful and controlled way.
6. Recognised training is available via CPCS (Construction Plant Competence Scheme) and/or NPORS/CSCS (National Plant Operators Registration Scheme) or equivalent.
7. The TRACKED HI-TIP DUMPER must not be used by young persons or by anyone under the influence of alcohol or drugs.

Using The Tracked Hi-Tip Dumper

IMPORTANT – The footplate is designed to be used whilst tracking on level surfaces, the bucket will not elevate/operate when the footplate is in the horizontal position.

WHEN DRIVING, ensure the bucket is in the ***LOWERED POSITION***

DO NOT drive with the bucket elevated (either loaded or empty)

YOU MUST ensure that the machine's ***RATED LOAD CAPACITY*** is not exceeded, and loads are levelled in accordance with manufacturer's guidance.

1. ***DO NOT*** allow anyone to operate this machine without proper instruction.
2. ***NEVER*** leave this machine unattended with the engine running, remove key from electric start machines.
3. ***ALWAYS*** operate this machine with all safety equipment in place and working.
4. When the machine is in drive mode, always hold the HANDLE SECURELY with one hand and use the other hand simultaneously to activate left and right track operation (drive levers).
5. ***ONLY*** use your hands to operate the controls - do not use a rope or any extension device to operate the control lever.
6. PARKING BRAKE (where fitted) must be used during the HI-TIP operation (elevation and use of bucket), this brake may also be used in the case of an emergency.
7. ENSURE you can control both speed and direction before moving. Move slowly until you are sure that everything is operating properly. After starting, recheck the steering, right and left. Check that you have full steering and brake control before commencing work.
8. When using the machine, avoid sudden stops, starts or changes of direction.
9. Keep bucket in lowered position when transporting materials.
10. If the equipment stops functioning as a result of breakage, STOP WORK immediately, turn off the engine – seek advice from the supplying hire company.

OPERATING ON SLOPES

1. ENSURE that you do not exceed the machine's specified capacity for driving ***ACROSS SLOPES*** as stated on the machine.
2. ENSURE that you do not exceed the machine's specified capacity for driving ***UP, or DOWN SLOPES*** as stated on the machine. It is important that the operator does not stand on the footplate during this process if the bucket is LOADED.

Useful Reference Points • www.hae.org.uk/businessguard

The following items of personal protective equipment (PPE) are the minimum that should be worn when using the TRACKED HI-TIP DUMPER. Particular tasks or environments may require a higher level of protection.

1. Wear appropriate, close fitting safety spectacles/goggles (EN166)
2. Wear appropriate heavy-duty gloves (minimum EN388)
3. Always wear an appropriate dust mask where dust is generated.
4. Suitable head protection should be worn.
5. The TRACKED HI-TIP DUMPER has the potential to cause noise levels exceeding 96 dB(A). Wear appropriate ear defenders or ear plugs (EN352). You should select ear defenders or ear plugs that can be shown to give enough protection to limit the risk of hearing loss.
6. Safety boots must be worn with non-slip soles (EN ISO 20345)
7. Do not wear loose clothing or jewellery. Keep your hair and clothing away from all moving parts of the TRACKED HI-TIP DUMPER.

WORK AREA

1. Do not use the TRACKED HI-TIP DUMPER where there is a risk of explosion.
2. Using this equipment indoors or in confined spaces could cause fatal carbon monoxide poisoning. Only use it in indoor situations if its suitability and the ventilation required have been fully assessed. Mechanical extraction ventilation may be required.
3. Never operate on any public road or highway unless the machine is insured and complies with road traffic regulations. In addition, the operator may require an appropriate driving licence.
4. Ensure there are no tree branches, scaffolding or other obstructions that may cause an overhead hazard.
5. Keep away from any overhead power lines unless they are at least 5m (16ft) above the highest part of the raised bucket. Do not forget that high-voltage electricity can jump across large gaps.
6. Check the work area for soft or frozen ground, slopes, holes, and trenches or objects which may damage the tracks.
7. If the work area is complex or noisy, always work with a bankman (person to marshal & direct movement such as loading/unloading tasks).

GENERAL SAFETY

1. Check the machine, engine, tracks, bucket, and all equipment. Do not use if anything is found to be damaged – contact the hire company.
2. When working on or near a public highway, inside industrial premises, or construction sites the flashing amber beacon on the machine must be used.
3. Never carry passengers on any part of the TRACKED HI-TIP DUMPER.
4. The operator must familiarise themselves with the controls and refer to the safety decals fitted on the equipment and any additional instructions supplied with the machine. Control functions may vary dependent on model/make.
5. Before commencing work, drive into a clear area and carefully practice all steering, track and driving controls and bucket operations until they become familiar to you.
6. Do not stand or work between the elevated sections of the bucket.

This area is a TRAPPING POINT (or crush zone) and a significant HAZARD.

OPERATORS

1. Do not drive the TRACKED HI-TIP DUMPER unless you have had previous experience, or you have had a course of instruction from a responsible body. Operators of this vehicle should have at least a current Site Safety Awareness Certificate.
2. The TRACKED HI-TIP DUMPER must not be used by young persons or by anyone under the influence of alcohol, drugs, or medication.
3. The TRACKED HI-TIP DUMPER is designed for operation by an able-bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using this equipment.
4. It is also important to observe all safety advisory labels and markings on the equipment prior to operating.
5. Do not attempt to load or unload the machine from a truck or trailer unless fully experienced in doing so.

HYDRAULIC OPERATED EQUIPMENT

TRACKED HI-TIP DUMPERS develop high fluid pressures during operation. Fluid escaping through a pin hole opening can penetrate your skin or eyes and cause blood poisoning, gangrene, or death.

Fluid leaks, if detected, MUST be reported to the hire company immediately.

Please observe the following safety instructions at all times:

Before Starting Work...

1. Wear the correct PPE, this includes gloves, protective glasses or goggles and helmet as a minimum.
2. Do not check for leaks with your hand. Leaks can be detected by passing cardboard or wood over the suspected areas.
3. If injured by escaping fluid, SEEK MEDICAL ADVICE immediately. Serious infection or reaction can develop if proper medical treatment is not obtained.

Note: ALWAYS check the hydraulic oil level before you start the machine.

STARTING THE MACHINE

Ensure no one is within the work area of the dumper.

PETROL ENGINE SAFETY

Only operate your TRACKED HI-TIP DUMPER in an open well-ventilated area. (Exhaust fumes contain carbon monoxide which can be deadly when inhaled.)

REFUELLING

1. No smoking, naked flames, or other sources of ignition (e.g. vaping). Refuel in a well-ventilated area.
2. Stop the engine if operating and let it cool down before refuelling.
3. Where possible, move the machine away from the work area.
4. Clean the filler cap and the area around it to prevent dirt falling into the fuel tank.
5. Use a funnel and clean patrol when refuelling. Do not spill any fuel on yourself or the machine.
6. Wipe any fuel off the machine. Dispose of fuel-soaked cloth carefully.
7. If any fuel is spilt on the ground, this should be controlled with appropriate absorbent material and disposed of correctly.
8. Care should be taken to avoid any spills entering storm drains, waterways, or sewers.
9. If any fuel is spilt on your clothes, change them immediately.
10. Replace all fuel caps correctly and move the fuel can to a safe, cool place.

Starting the engine

If the hire company has supplied special instructions, follow them. Otherwise, follow the instructions given below.

1. Position the EQUIPMENT at the work location before starting the engine.
2. Check the oil and fuel levels before trying to start the engine.
3. Move the ignition switch to the ON position.
4. Check that the throttle lever is in the IDLE position.
5. Ensure there is no loose clothing or flapping sleeves which could get caught in the equipment.
6. Turn the fuel tap to the OPEN position.
7. When starting from cold, open the choke lever fully.
8. Turn the KEY to the start position and release.
9. Grasp the pull cord firmly and pull upwards, then guide the cord back so that it recoils correctly. Recoil start models (if not fitted with electric key start).
10. If the engine is now running, close the choke lever.
11. Allow the engine to run for a short period to warm up before you commence.
12. Open the throttle lever to the RUN position.

Stopping the engine

13. To stop the engine, position the throttle to idle, turn the ignition switch to the OFF position and close the fuel supply.

INSURANCE

1. Under the terms of hire, you are responsible for the safe custody of the equipment. The hire company must be indemnified against loss or unreasonable damage such as vandalism. The best way to achieve this is by insurance.
2. The equipment must always be secured against theft or vandalism.
3. Some hire companies will offer insurance cover at an extra charge.
4. In addition, be aware that if damage is caused to property belonging to a third party or if involved in a highway accident, it is unlikely that normal insurance policies will give any protection.
5. If in any doubt regarding the insurance cover, check with the hire company or insurer immediately.

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