WARNING - RIDE-ON TRENCHER

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

WARNING!

- This product contains or produces one or more chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
- Never operate power equipment of any kind if you are tired or if you are under the influence of alcohol, drugs, medication or any substance that could affect your ability or judgment. Be alert! If you get tired while operating this equipment, take a break. Tiredness may result in loss of control.
- Provide adequate ventilation when operating this equipment. Internal combustion engines consume oxygen and give off deadly carbon monoxide gas.
- DANGER: This equipment has multiple pinch points that can cause dismemberment or death. Keep hands, feet and all other body parts clear at all times.

Call 811 Before You Dig! Smart digging means calling 811 before each job. One call to 811 gets your underground utility lines marked for FREE.

DANGER: Never operate this Trencher on hillsides or side slopes.

Warning: Hillside or side slope operation and misuse will cause this Trencher to Rollover. The Equipment Protection Plan does not cover damage from Rollover or to Tires. Renter is responsible for tow and recovery services should the Trencher become stuck or rolled over. A Tool Shed does not provide any tow or recovery services.

This equipment is subject to Section 2449 (d)(3) California Code of Regulations

(A) **Idling Limit -** No vehicle or engines subject to this regulation may idle for more than 5 consecutive minutes. Idling of a vehicle that is owned by a rental company is the responsibility of the renter or lessee, and the rental agreement should so indicate. The idling limit does not apply to:

1. idling when queuing,
2. idling to verify that the vehicle is in safe operating condition,
3. idling for testing, servicing, repairing or diagnostic purposes,
4. idling necessary to accomplish work for which the vehicle was designed (such as operating a crane),
5. idling required to bring the machine system to operating temperature, and
6. idling necessary to ensure safe operation of the vehicle.

REQUIRES NUMBER 2 DIESEL FUEL ONLY!!

IMPORTANT SAFETY RULES TO FOLLOW

1. Always wear eye protection and personal protective gear at all times while operating trencher.
2. Mark jobsite clearly and keep spectators away.
3. Have all underground pipes and cables located and marked before operating.
4. Do not allow anyone within 10ft of trencher while in operation.
5. Do not allow any persons near digging teeth at any time.
6. Beware of electrical shock. Contacting electrical lines will cause death or serious injury.
7. Operate trencher in a well ventilated area. Carbon monoxide is a deadly poisonous gas.
8. Always wear the seatbelt.
9. Operate equipment properly. Improper operation can result in death or serious injury.
10. Do not remove any guards or safety devices on the trencher for any reason.
11. Never leave the trencher running unattended or leave the key in the machine when not in use.
12. Do not allow children to play on or around trencher.
13. Hydraulic lines are highly pressurized. Do not touch them if one suddenly leaks.

Starting

Check to make sure the parking brake is engaged. Put the ground drive speed/direction control lever and foot pedal in neutral and the chain speed/direction control in neutral. Sit in the operators seat and fasten the seat belt. On the dash all 3 interlock lights should be on. Set the hand throttle at half-throttle and turn key..

Let the trencher warm up for 3 minutes.

Shutdown

Place drive speed/direction control in neutral and engage parking brake.
Lower front blade and digging boom to the ground and move hand throttle to idle.
Turn key to off position.

Trenching

1. Raise the front blade and digging boom then release the parking brake.
2. Drive to the starting point and move the hand throttle to idle.
3. Make sure the ground speed/direction control is in neutral position and engage the parking brake.
4. Lower the digging boom until chain teeth are about one inch from the ground and lower the backfill blade to the ground.
5. Push the hand throttle to ¾.

NOTICES: Trencher can jerk backward if and obstruction is struck. Engage parking brake and lower backfill blade to the ground before digging.
Trencher can move when digging begins. Allow 3 feet between end of chain and obstacles, Keep everyone at least 10 feet from trencher and digging boom while operating.

6. Move the chain speed/direction control forward **DIGGING CHAIN WILL MOVE**.
DANGER ***Moving digging teeth will kill you or cut off arm or leg. Stay away***.
7. Slowly lower the digging boom into the ground.
Machine will shake. Do not reduce engine speed. Use chain speed/direction control to adjust digging chain speed.
If engine speed drops, lift boom slightly. Engine speed will increase. Lower boom again until desired trench depth is reached.
8. Raise backfill blade and release parking brake**.**
9. Push hand throttle to full throttle.
10. Move ground drive speed/direction control forward to trenching speed. Trench slowly and keep wheels straight. If engine speed drops, **YOU ARE TRENCHING TOO FAST**. Pull the drive speed/direction control lever to backwards until engine speed increases.
11. If an object becomes lodged in digging chain, move chain speed/direction control to neutral position and raise the digging boom slightly. Move chain speed /direction control to reverse position. Chain will reverse and release object. If the object must be removed manually, lower front blade to the ground and move hand throttle to idle. Engage parking brake and turn engine off..
12. When finished trenching, move ground speed/direction control to neutral position and move the hand throttle to half-throttle.
13. Raise the digging boom until turning chain clears the trench.
14. Move the chain speed/direction control to neutral position and fully raise the boom.

Backfilling

1. Position unit at end point of trench several feet from spoils. Aim tractor at the outer edge of spoils, facing starting point of trench. Lower the backfill blade.
2. Adjust backfill blade to fit land contour and tilt towards the trench.
3. Move outer edge of spoils towards trench. Take two or more passes at spoils pile rather than trying to move all spoils at once.
4. Repeat on other side of trench if necessary.
5. Make final pass over trench.

REFUELING & MAINTENANCE

Warning: The Customer is responsible for all damages resulting from lack of fuel or lubrication. Check the motor oil and hydraulic oil every time you refuel the equipment.

REFUELING: USE DIESEL FUEL ONLY, Stop the engine and shut off electrical equipment while filling the fuel tank. Use extra caution when fueling a hot engine. Always ground the fuel nozzle against the filler neck to avoid sparks. NEVER SMOKE while handling fuels.

COOLING SYSTEM: Keep the oil cooler free of debris. If at any time the motor overheats, shut it off and call us immediately.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. If there is any doubt as to the operation or safety of the equipment,

DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH