

# WALK BEHIND TRENCHER

## SAFETY TIPS

**CAUTION:** Before operating trencher, **BE SURE THAT IT IS STRUCTURALLY AND MECHANICALLY SAFE.** Check all engine controls, clutch action, belt and chain condition, and wheel ratchets. Be sure that the protective guards are in place. If the trencher is not working properly or is not structurally safe, take the necessary steps to put it in working order before putting it in operation.

1. Keep bystanders away from the trench and trencher while it is in use. Remember, trenchers are useful tools, but they can be hazardous both to the operator and bystanders.
2. Before using trencher, clean work area of debris, such as, rocks, wire, boards, and any other potential hazards. Inspect the entire work area for unexpected buried hazards, such as boulders, foundations and fencing.
3. Make sure you know the location of all buried utility lines. The utility companies will locate and mark the lines for you.

**WARNING:** A cut electrical cable or gas line can result in injury or fatality.

4. Always stop the motor when you leave the operator's position of the trencher or if somebody approaches the trencher at the "working end".
5. Always wear the proper clothing and equipment for the job. Eye and ear protection, helmet, boots, gloves and dust masks are some items that may be required.

**CAUTION:** Never wear a watch, ring or neck tie when working with machinery. Keep your hands, loose clothing and your hair away from moving parts.

## STARTING THE T-4 TRENCHER

1. Follow the procedures outlined in the engine manual supplied with the trencher, or have somebody familiar with the trencher instruct you.

**NOTE:** The procedures in the manual are basic instructions. The procedure could vary slightly depending on the engine controls used on the trencher.

2. Always stand to the rear of the trencher, away from the side delivery auger and digging chain, while starting the engine.

3. Make sure that all of the stop switches are in the "ON" position before attempting to start the engine.

## PREPARING TO TRENCH

1. With the engine running at an idle, push down on the handlebar, raising the digging bar.

2. Move the depth control lever forward until it locks in the first notch.

The depth control lever is located at the rear of the trencher. To operate, lift the lever until the "lock" is clear of the "notch" on the side plates. Slowly move the lever forward until the digging bar is at the first "notch". Insert the "lock" into the "notch" to set the digging depth. Notches are set at approximately 6, 8 and 12 inches.

**NOTE:** All trenchers have two stop switches, one on the engine and one on the handlebar.

4. Follow the procedures outlined in the engine manual supplied with the machine, start the engine.

**CAUTION:** While starting and when engine is running, if the throttle is set higher than idle, the clutch will engage which will cause the digging chain and other components to start moving. **KEEP BYSTANDERS CLEAR.**

5. When the engine starts, bring it to an idle and allow it to warm up for two or three minutes before operating.

3. Increase the engine speed and lower the digging bar, allowing it dig to its depth; making sure you have control of the trencher during this process.

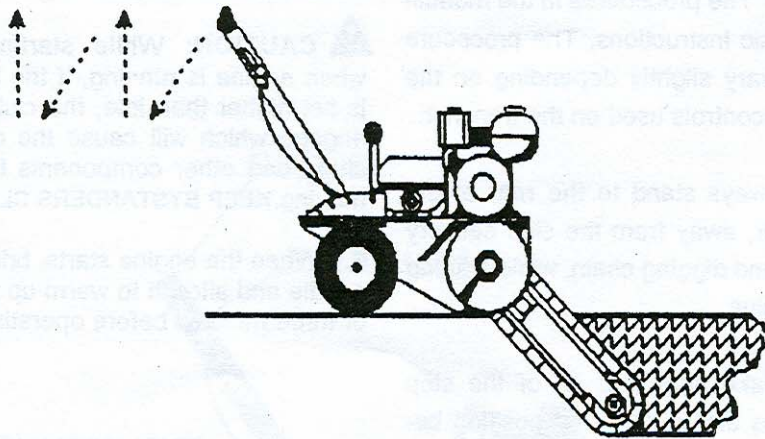
4. If a deeper depth is required, slowly move the depth control lever forward until the desired depth is reached; maintaining firm control of the trencher at all times.

5. Set engine speed as required for best penetration.

## TRENCHING

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Using a “can opener” or “rocking” motion, push down on the handle bars 2 to 4 inches. At the same time, pull the trencher toward you 4 to 6 inches. Slowly allow the handlebars to raise until they stop. Repeat this motion throughout the trenching operation. The wheel lock will aid you in this operation by helping to hold the trencher in position until the next motion is started.



**⚠ CAUTION:** When trenching in areas filled with obstructions, such as rocks and debris, operate the trencher at less than full throttle to assure a quicker clutch release to prevent damage to the machine and possible injury to you or bystanders.

**⚠ CAUTION:** This tool is intended to dig in soils only. It is not intended to be used for cutting through rock, concrete, asphalt, wood, metal or any other material that is not of a soil type. Attempting to do so may result in damage to the machine or injury to the operator or bystanders.

**⚠ CAUTION:** Stop engine and remove sparkplug wire before attempting to clear any jams in the digging chain, side delivery auger, clutch or drive belt and primary chain drive. Remove sparkplug wire before performing any maintenance on machine.