

TRENCHER OPERATING INSTRUCTIONS

READ SAFETY INSTRUCTIONS BEFORE OPERATING!

Be sure that the engine oil, fuel and hydraulic oil are at proper levels before starting the engine.

STUDY AND UNDERSTAND CONTROLS BEFORE BEGINNING OPERATION.

1. **IGNITION:** Must be in ON position to start the engine. Move to OFF position to stop the engine.
2. **ENGINE:** This is the throttle - controls engine speed. Operate at full throttle (all the way forward).
3. **CLUTCH LEVER:** Located on left handlebar. Squeeze to activate the Track Drive and Dig Chain. All motion stops when the lever is released. DIGGING CHAIN control must be held in “ON” position as clutch lever is raised in order to activate Dig Chain.
4. **DRIVE CONTROLS:** Control travel direction and speed after clutch lever is raised. Left TRACK CONTROL lever controls left track. Right TRACK CONTROL lever controls right track. Steer the trencher with TRACK CONTROLS by causing the track on one side to rotate at a different speed or direction than the opposite track. Very slow speed is required for trenching in most conditions. NOTE: Be sure operator understands that the machine moves BACK when trenching, not forward.
5. **DIG CHAIN ON/OFF CONTROL:** To trench, hold lever in ON position while clutch lever is raised. The ON/OFF lever will stay in position as long as the clutch lever is held. This automatically will activate the CHAIN FORWARD/REVERSE LEVER to FORWARD position.
6. **CHAIN FORWARD/REVERSE LEVER;** Use this lever to reverse chain to help clear debris from the chain. The DIG CHAIN ON / OFF lever must be in “OFF” position to put the CHAIN F/N/R lever in reverse.
7. **DIGGING BOOM CONTROL:** Pull to raise the digging boom and push to lower the boom. During normal operation you will hear the relief valve working.

GETTING STARTED:

1. Start and warm up engine.
2. Put Track Drive controls in neutral.
3. Squeeze the clutch lever and change the Track Direction Control to desired speed and direction.
4. Adjust the travel speed and navigate the trencher to the starting position. The trencher is designed to dig toward the operator (with the Track Drive Control in reverse). With this in mind, position the machine to start the trench.

TRENCHING PROCEDURE:

1. Put Track Controls in neutral.
2. Have engine at full throttle (forward).
3. Hold Dig Chain On/Off Control in On position.
4. Squeeze the clutch lever.
5. Slowly lower the digging boom until the desired trench depth is achieved.
6. Put Track Controls in reverse. Start at slow speed.
7. Adjust the travel speed until a workable speed is reached. Use a very slow speed for trenching and adjust for soil conditions as necessary. Adjust speed to avoid track spin or engine overloading. If objects such as rocks or roots jam in the chain, release the clutch lever, then reverse the chain to dislodge the debris. If necessary move the trencher forward a few inches and trench the area again.

BARRETO HYDRAULIC TRENCHER

SAFETY INSTRUCTIONS

- **READ SAFETY AND OPERATING INSTRUCTIONS BEFORE OPERATING!**
- **USE COMMON SENSE AND PLENTY OF IT!**
- Do not leave trencher unattended with the engine running.
- Always leave trencher parked on a level surface.
- The **SAFETY CLUTCH LEVER** on the left handle bar is for operator protection. **DO NOT TAPE LEVER UP** or otherwise bypass this safety feature.
- Objects may become airborne while operating trencher. Wear safety goggles and a hard hat while operating or observing!
- Digging chain, auger and other moving parts can cut off arms, legs, or fingers. **STAY CLEAR!**
- Buried cables or gas lines can cause serious injury or death if struck with dig chain. Contact local agencies for location before digging.
- Fuel exhaust and fuel fumes can cause illness or death. Operate outdoors and avoid breathing exhaust and fumes.
- Fuel fumes can catch fire or explode. Do not smoke or operate near flames or sparks.
- Hydraulic oil is under extreme pressure and can get under skin and burn or poison. Check for leaks with cardboard.
- Muffler and engine get hot enough to cause serious burns. Do not touch until cool.