

## **BARRETO 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. “OFF” to stop.
2. **ENGINE:** This is the throttle. It controls engine speed. Operate at full throttle (all the way forward).
3. **CLUTCH LEVER:** (At left handle grip). Activates **GROUND SPEED** and **DIGGING CHAIN** controls when pulled up. Stops all motion when released. **DIGGING CHAIN** control must be **HELD** in “ON” position as clutch lever is depressed in order to start chain in motion.
4. **AXLE:** “UNLOCK” position (down) is for maneuvering. “LOCK” position (up) is for digging. UNLOCK allows left wheel to freewheel while right wheel drives.
5. **DIGGING BOOM:** Raises and lowers the digging boom.
6. **DIGGING CHAIN:** Starts chain in forward rotation after clutch lever is engaged.
7. **CHAIN:** Allows manual operation of chain in forward or reverse rotation to dislodge objects or dig difficult terrain. (This control can be used with the Clutch Lever released.) To reverse chain, **DIGGING CHAIN** control must be in “OFF” position.
8. **GROUND SPEED:** Controls wheel speed forward or reverse after clutch lever is engaged.
9. **GETTING STARTED:** Start and warm up engine. Drive trencher to starting location with **AXLE** in “UNLOCK” position.  
**LOCK AXLE.** Hold **DIGGING CHAIN** control in “ON” position. With **GROUND SPEED** control in neutral, pull up **CLUTCH LEVER** and slowly lower **DIGGING BOOM** to desired depth. Slowly move **GROUND SPEED** control in **REVERSE** direction until desired speed is reached. (Varying soil conditions may require adjustments to ground speed to avoid wheel spin or engine overload.)
10. **FOR HARD TO DIG AREAS** or if object (rock or root) gets lodged in chain, release **CLUTCH LEVER**. This will lock wheels in position. Manually reverse chain with the **CHAIN** control to dislodge object. Manually run chain forward with **CHAIN** control to dig through roots or rocky areas. Intermittently activate **CLUTCH LEVER** to move trencher back a few inches and repeat until hard area is passed. Resume normal operation.

**ALWAYS THOROUGHLY CLEAN AND SERVICE TRENCHER AFTER EACH USE.**