

## WARNING POWER TROWEL SAFETY

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!!!**

**Use extreme caution whenever operating, moving, loading, unloading or refueling this equipment. During and after operation the Blades are Very Sharp and the Muffler and other components are Extremely Hot and will cause Serious Cuts and Burns.**

**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.**

**⚠️WARNING:** Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize your exposure, avoid breathing exhaust, do not idle the engine except as necessary, operate and service your equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**Stay clear of blades and other rotating parts. Always wear Eye, Foot, Hand and Dust Protection!**

Provide adequate ventilation when operating this equipment. Internal combustion engines consume oxygen and give off deadly carbon monoxide gas.

**DO NOT TAPE DOWN OR OTHERWISE BY-PASS ANY SAFETY DEVICES! ALWAYS OPERATE THIS EQUIPMENT FROM THE DESIGNATED OPERATORS POSITION**

### A. CONTROLS:

1. Throttle Control Bar: Engine speed is controlled by moving throttle control bar while holding handle. When bar is released, engine will return to idle and operation will stop.
2. Pitch Control: Angle of blades is controlled by turning the pitch control knob in or out. This adjustment is limited by design so too steep of an angle cannot be made.

### B. PROPER OPERATION:

**NOTE:** Do not let machine stand in one spot too long, when operating on soft cement. Always lift from slab when operation is complete.

1. Changing direction: Guide the trowel by light pressure on guide handle.

**NOTE:** Always hold throttle control to maintain engine speed. Releasing throttle control will cause operation to stop. A slight upward lift of the handle will cause trowel to move left. A slight downward push will cause trowel to move right. Allowing handle to remain in neutral position will cause machine to rotate in one spot.

**CAUTION:** For best results use only experienced personnel to operate mechanical trowel.

2. Floating Operation: A. Equip trowel with either finish or combination plates. **NOTE:** Concrete should be set enough to support weight of operator without leaving a noticeable impression.

B. Set trowel on concrete. Start engine. Engage blades by increasing engine speed.

C. Adjust blade pitch so they are as flat to concrete as possible.

**NOTE:** this operation will bring water and fine particles to the surface.

3. Finishing Operation: A. Equip trowel with either finish or combination blades.

B. Allow concrete to set, after floating operation, until it will support trowel with a blade pitch of 1/4 to 3/8 inch, without digging up concrete surface when rotating.

**NOTE:** 1/4" to 3/8" blade pitch is maximum for starting finishing operation.

C. Increase blade pitch as hardness of concrete surface increases to obtain the desired degree of finish.

### C. AFTER OPERATION:

1. Clean entire trowel. Concrete and debris collecting on blades, spider, and other moving parts can cause the trowel to operate poorly.

2. Grease trowel arms by adding grease at each grease fitting on spider until grease flows from fitting.

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***